

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070220\  
 Data File : BP002622.D  
 Acq On : 02 Jul 2020 10:05  
 Operator : CG/JU  
 Sample : PB129912BL  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB129912BL

Quant Time: Jul 02 10:52:33 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  | 177400   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.35 | 136  | 713774   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.22 | 164  | 449593   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 16.98 | 188  | 982872   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.09 | 240  | 993102   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 23.29 | 264  | 989630   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.19  | 112  | 1336841  | 127.59 | ng    | 0.00     |
| 7) Phenol-d6                | 6.76  | 99   | 1737476  | 118.81 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.72  | 82   | 1173099  | 84.68  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.72 | 330  | 648998   | 118.68 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.84 | 172  | 2543988  | 83.28  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.57 | 244  | 3705508  | 80.54  | ng    | 0.00     |

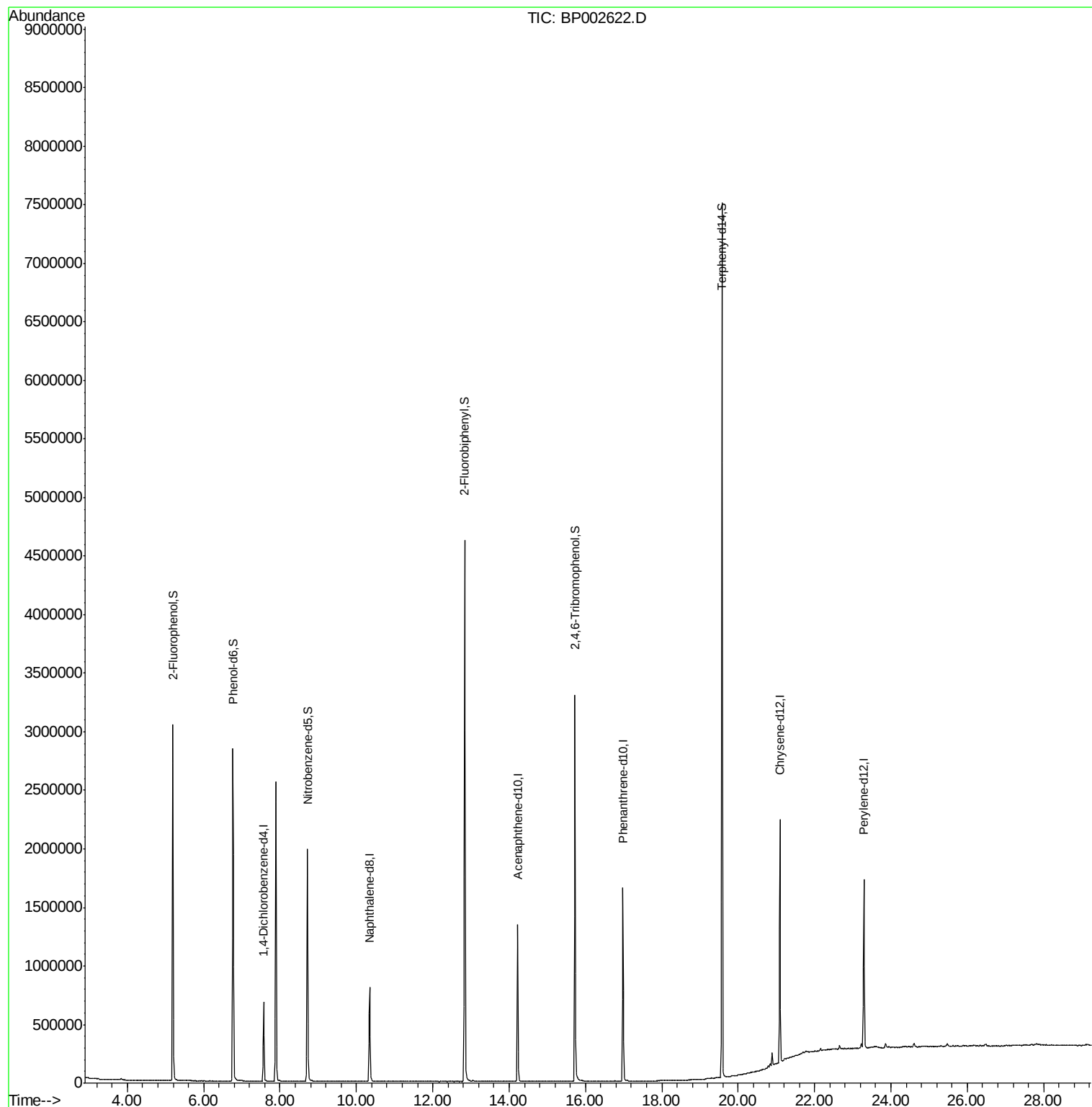
Target Compounds Qvalue

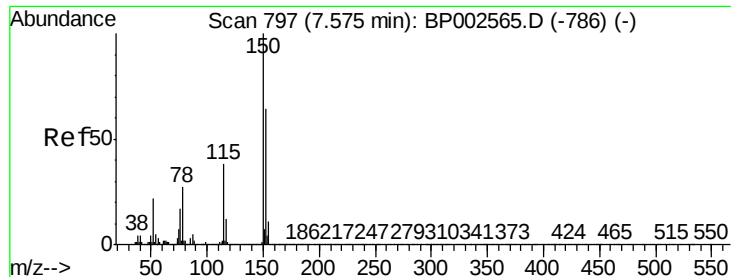
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_P  
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PB129912BL

Quant Time: Jul 02 10:52:33 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



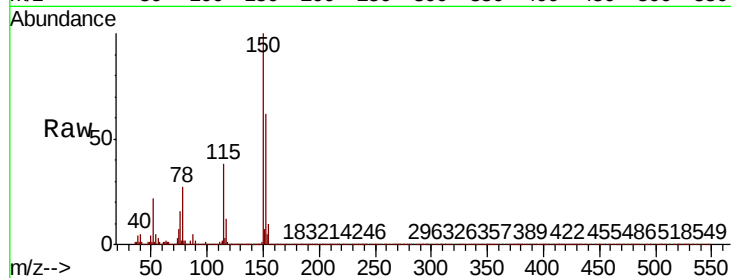


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.57 min Scan# 796  
Delta R.T. -0.01 min  
Lab File: BP002622.D  
Acq: 02 Jul 2020 10:05

Instrument :  
BNA\_P  
ClientSampleId :  
PB129912BL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 160.9 | 124.2 | 186.2 |
| 115     | 60.8  | 47.1  | 70.7  |

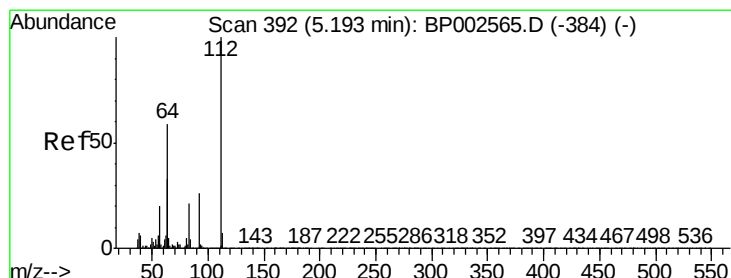
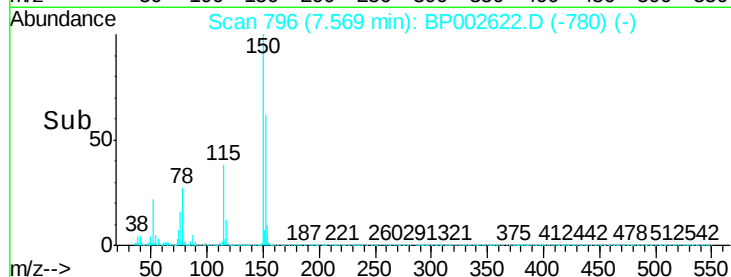
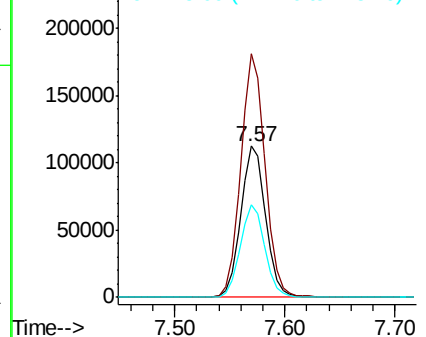


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

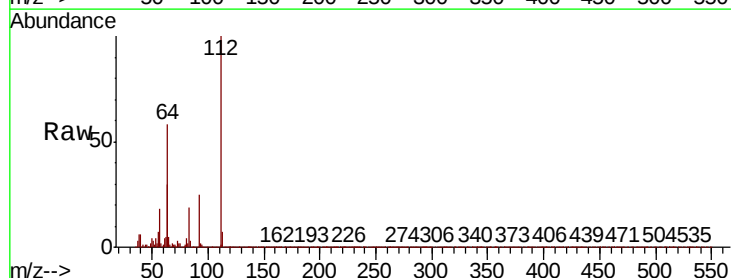
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol  
Concen: 127.589 ng  
RT: 5.19 min Scan# 392  
Delta R.T. 0.00 min  
Lab File: BP002622.D  
Acq: 02 Jul 2020 10:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 57.6  | 47.0  | 70.6  |
| 63      | 29.7  | 26.1  | 39.1  |

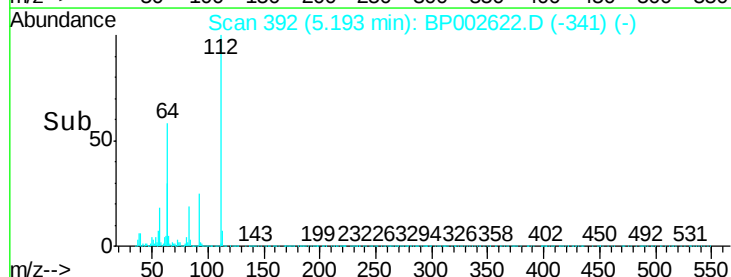
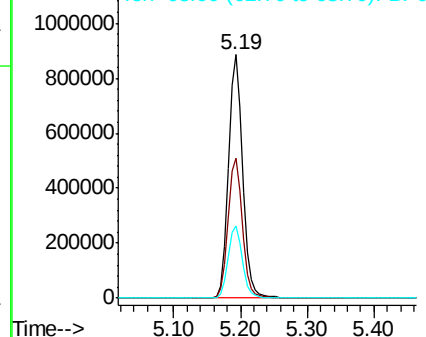


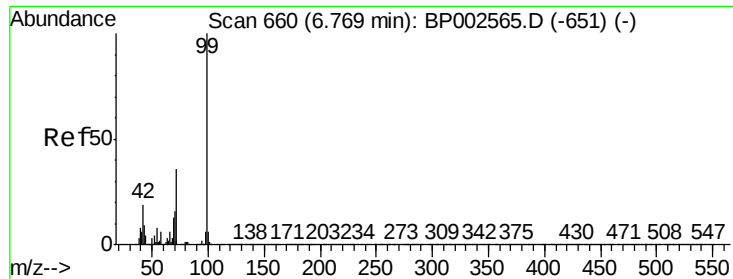
Abundance

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: 118.808 ng

RT: 6.76 min Scan# 659

Delta R.T. -0.01 min

Lab File: BP002622.D

Acq: 02 Jul 2020 10:05

Instrument :

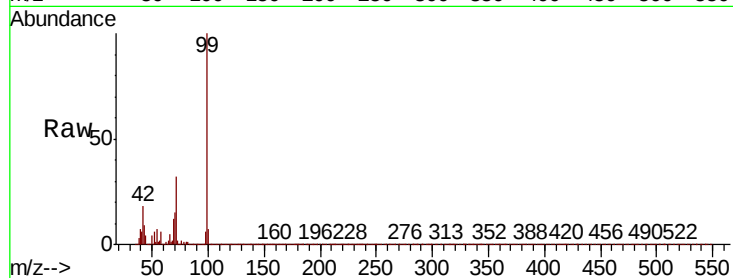
BNA\_P

ClientSampleId :

PB129912BL

Tot Ion: 99 Resp: 1737476

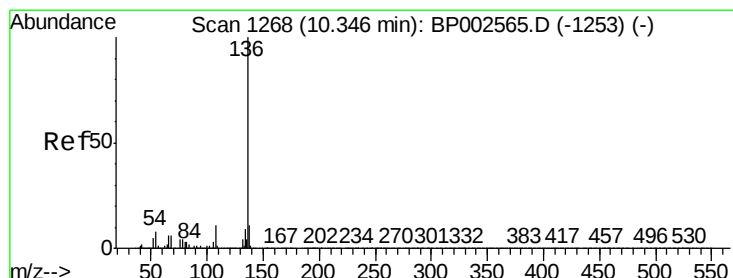
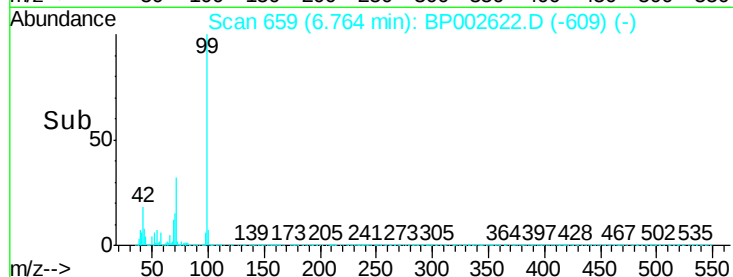
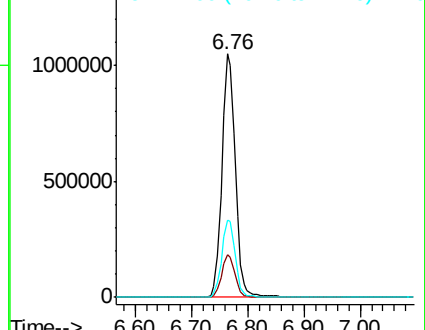
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 17.7  | 15.5  | 23.3  |
| 71  | 31.8  | 28.9  | 43.3  |



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: 10.35 min Scan# 1268

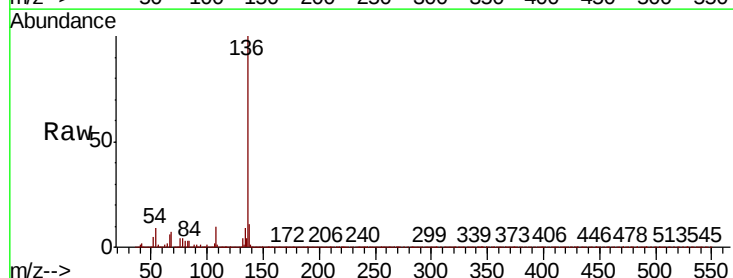
Delta R.T. 0.00 min

Lab File: BP002622.D

Acq: 02 Jul 2020 10:05

Tgt Ion: 136 Resp: 713774

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.7  | 8.8   | 13.2  |
| 54  | 8.5   | 6.4   | 9.6   |
| 68  | 6.7   | 5.1   | 7.7   |

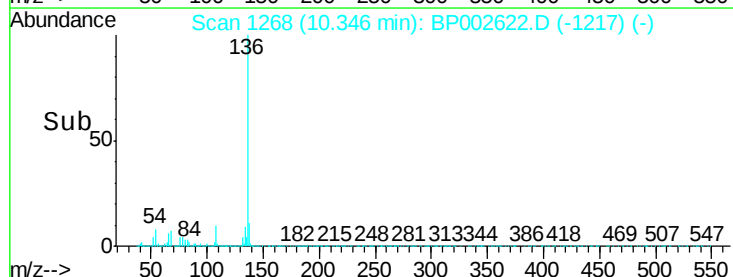
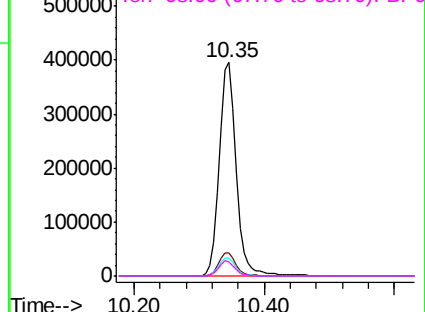


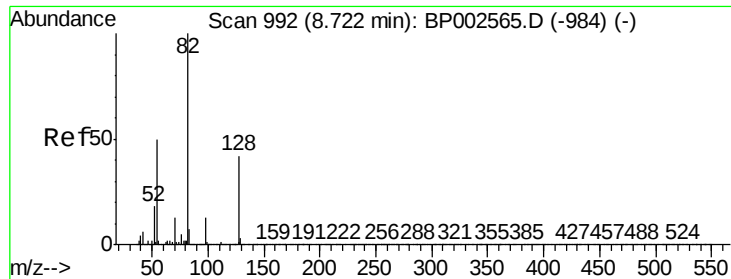
Abundance Ion 136.00 (135.70 to 136.70): E

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

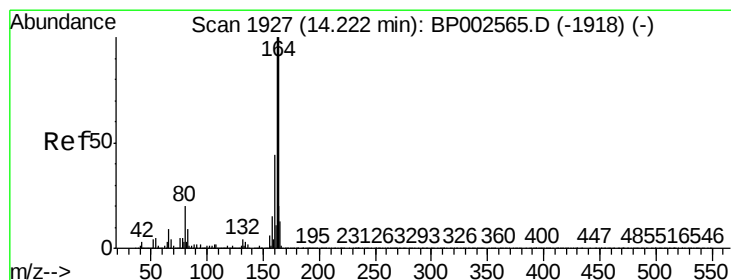
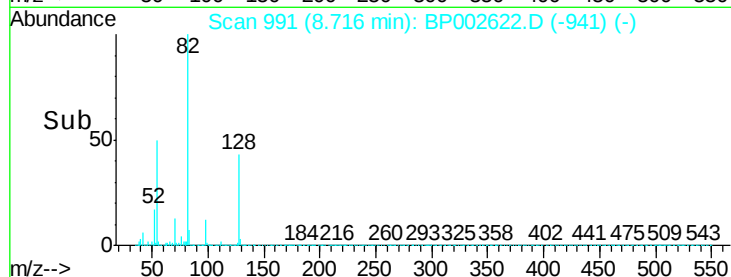
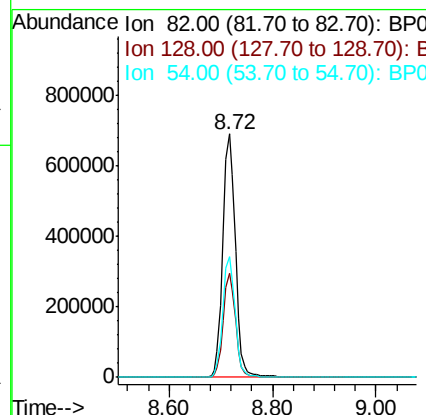
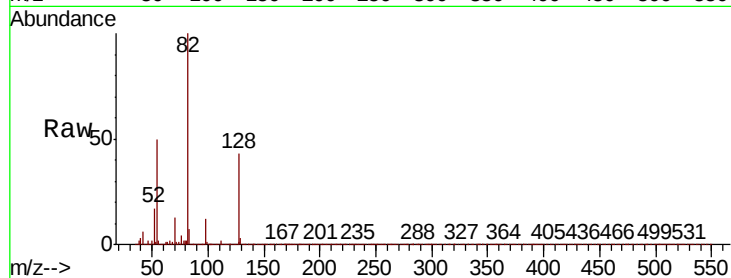




#23  
 Nitrobenzene-d5  
 Concen: 84.683 ng  
 RT: 8.72 min Scan# 991  
 Delta R.T. -0.01 min  
 Lab File: BP002622.D  
 Acq: 02 Jul 2020 10:05

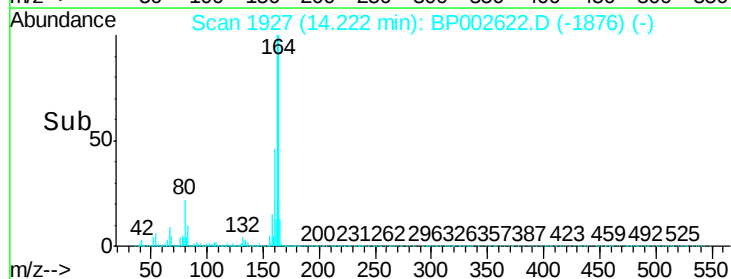
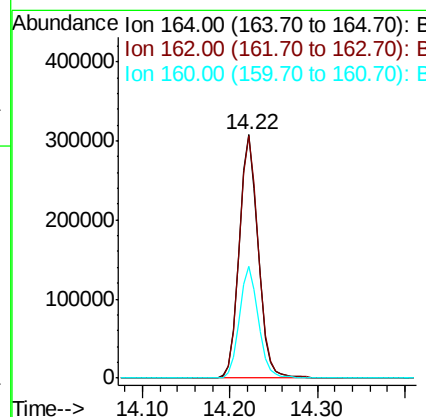
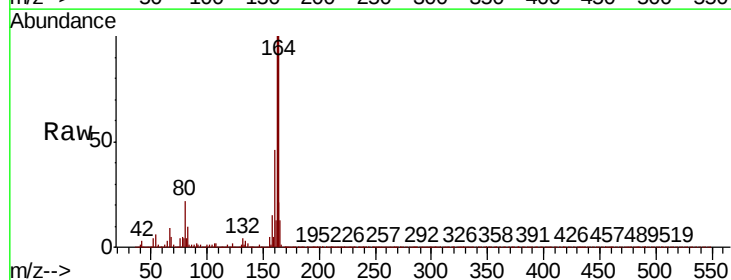
Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB129912BL

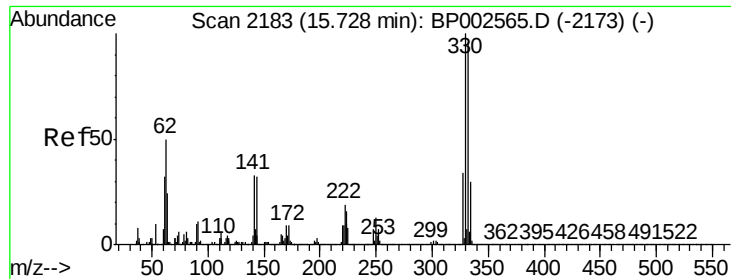
Tot Ion: 82 Resp: 1173099  
 Ion Ratio Lower Upper  
 82 100  
 128 42.7 33.4 50.2  
 54 49.6 40.1 60.1



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.22 min Scan# 1927  
 Delta R.T. 0.00 min  
 Lab File: BP002622.D  
 Acq: 02 Jul 2020 10:05

Tgt Ion: 164 Resp: 449593  
 Ion Ratio Lower Upper  
 164 100  
 162 99.6 80.3 120.5  
 160 46.2 35.0 52.6

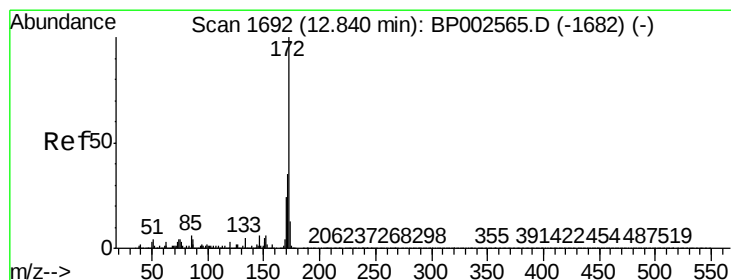
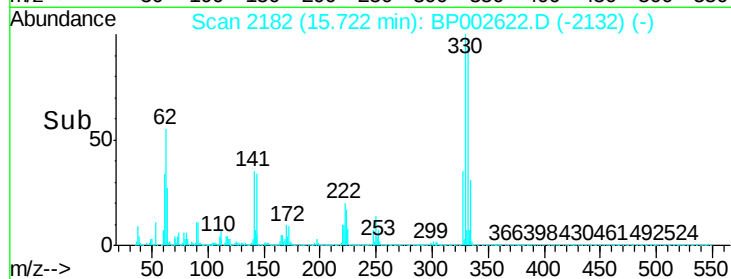
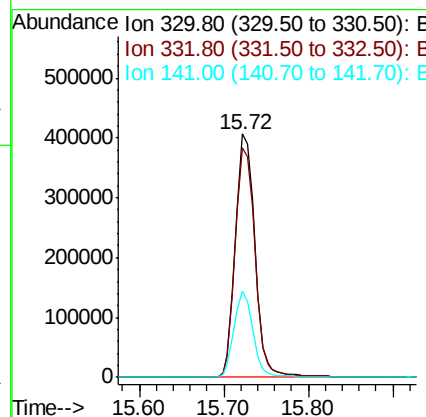
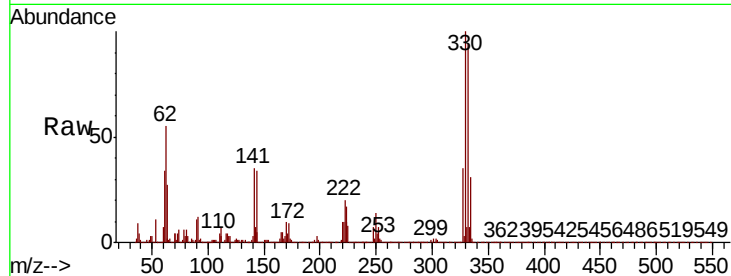




#42  
2,4,6-Tribromophenol  
Concen: 118.683 ng  
RT: 15.72 min Scan# 2182  
Delta R.T. -0.01 min  
Lab File: BP002622.D  
Acq: 02 Jul 2020 10:05

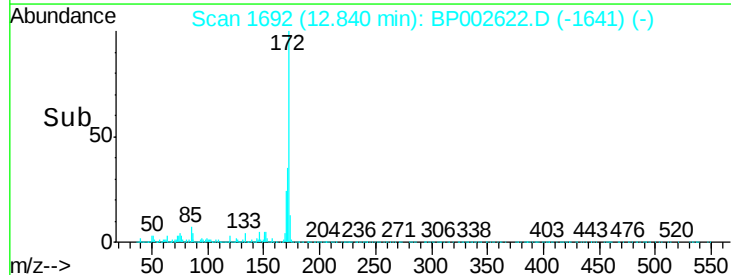
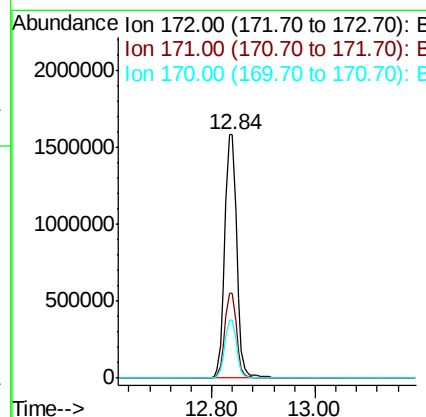
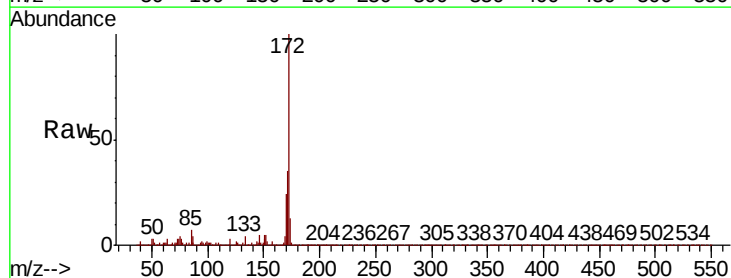
Instrument :  
BNA\_P  
ClientSampleId :  
PB129912BL

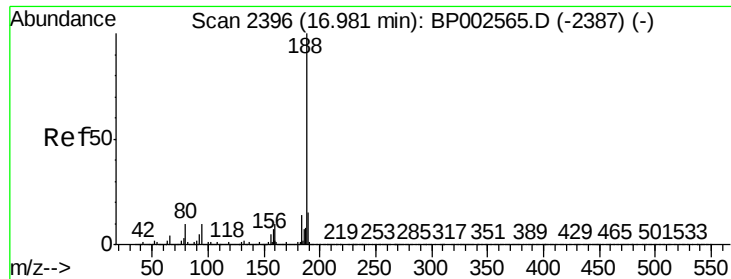
Tot Ion:330 Resp: 648998  
Ion Ratio Lower Upper  
330 100  
332 96.5 77.7 116.5  
141 34.6 29.0 43.6



#45  
2-Fluorobiphenyl  
Concen: 83.283 ng  
RT: 12.84 min Scan# 1692  
Delta R.T. 0.00 min  
Lab File: BP002622.D  
Acq: 02 Jul 2020 10:05

Tgt Ion:172 Resp: 2543988  
Ion Ratio Lower Upper  
172 100  
171 34.6 28.0 42.0  
170 23.8 19.0 28.4

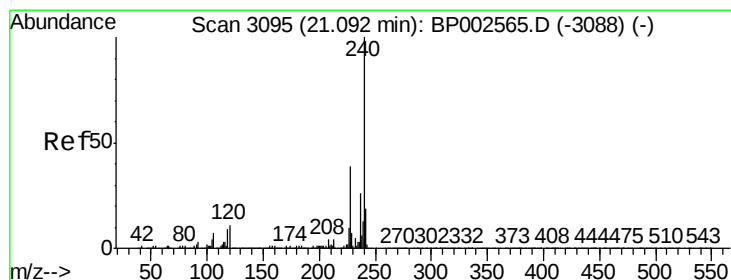
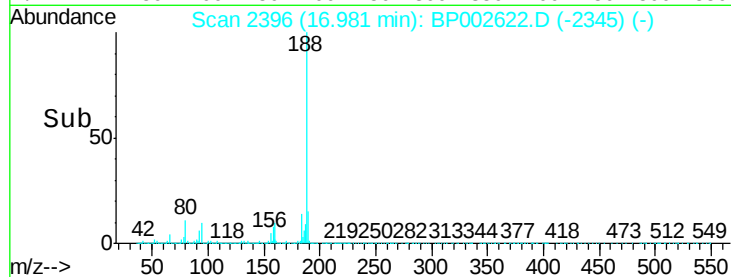
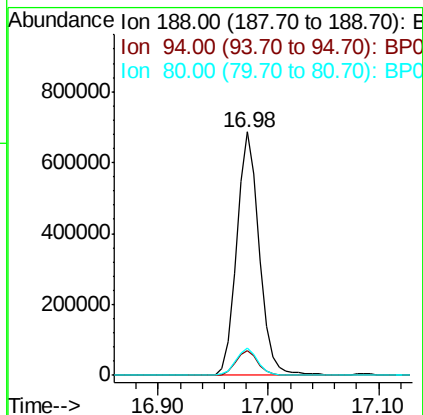
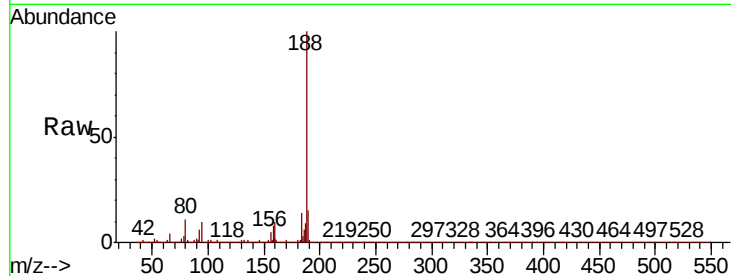




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 16.98 min Scan# 2396  
Delta R.T. 0.00 min  
Lab File: BP002622.D  
Acq: 02 Jul 2020 10:05

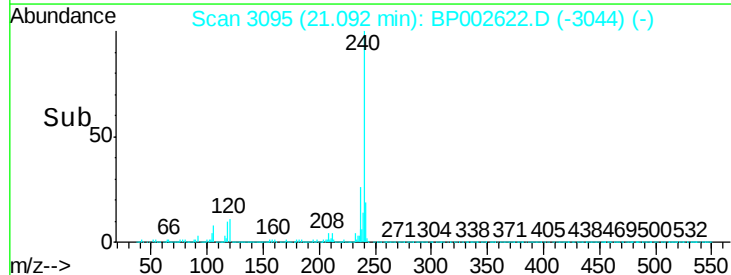
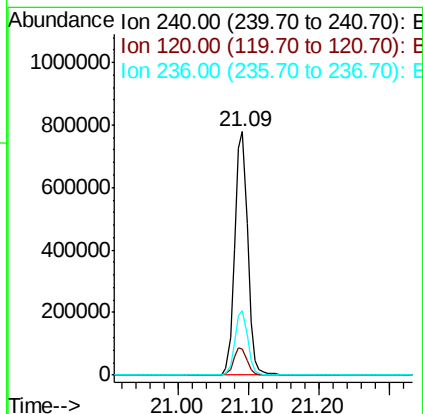
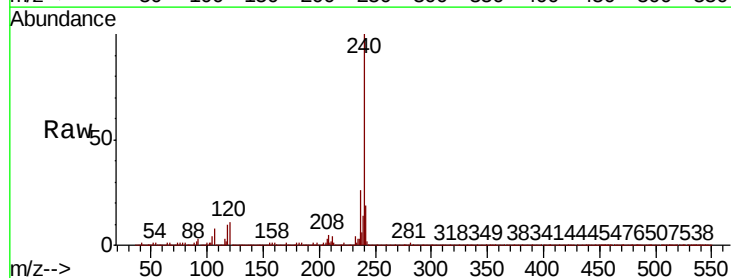
Instrument :  
BNA\_P  
ClientSampleId :  
PB129912BL

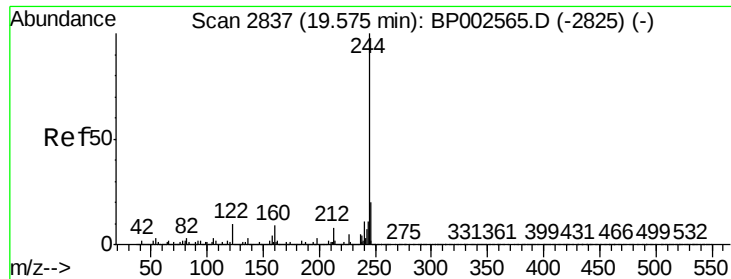
Tot Ion:188 Resp: 982872  
Ion Ratio Lower Upper  
188 100  
94 10.2 7.8 11.6  
80 11.0 8.2 12.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.09 min Scan# 3095  
Delta R.T. 0.00 min  
Lab File: BP002622.D  
Acq: 02 Jul 2020 10:05

Tgt Ion:240 Resp: 993102  
Ion Ratio Lower Upper  
240 100  
120 10.7 8.6 13.0  
236 26.4 20.8 31.2





#79

Terphenyl-d14

Concen: 80.538 ng

RT: 19.57 min Scan# 2837

Delta R.T. 0.00 min

Lab File: BP002622.D

Acq: 02 Jul 2020 10:05

Instrument :

BNA\_P

ClientSampleId :

PB129912BL

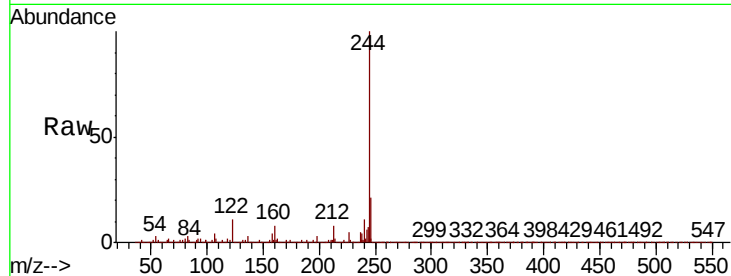
Tot Ion:244 Resp: 3705508

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

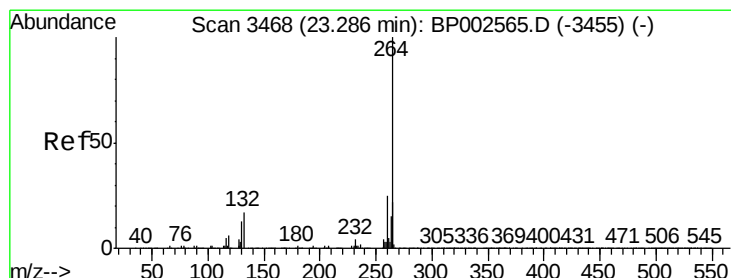
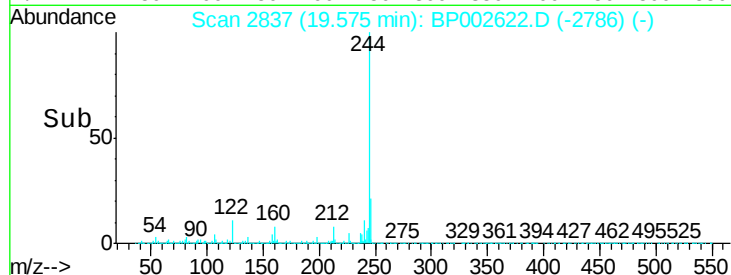
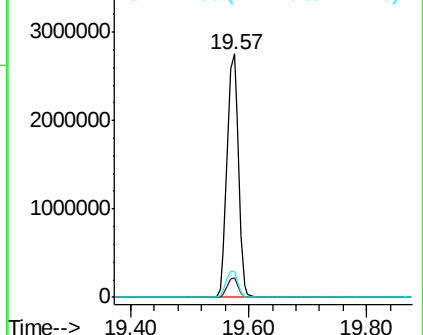
122 10.5 7.9 11.9



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.29 min Scan# 3469

Delta R.T. 0.01 min

Lab File: BP002622.D

Acq: 02 Jul 2020 10:05

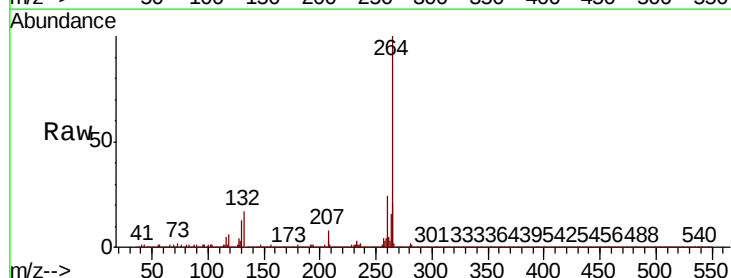
Tgt Ion:264 Resp: 989630

Ion Ratio Lower Upper

264 100

260 24.2 19.7 29.5

265 21.2 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

