

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061220\  
 Data File : BP002397.D  
 Acq On : 12 Jun 2020 13:45  
 Operator : CG/JU  
 Sample : PB129511BL  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB129511BL

Quant Time: Jun 12 14:33:22 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  | 174076   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.37 | 136  | 703955   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.25 | 164  | 433242   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.00 | 188  | 955560   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.10 | 240  | 980210   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 23.31 | 264  | 1056193  | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.20  | 112  | 1308221  | 139.06 | ng    | 0.00     |
| 7) Phenol-d6                | 6.78  | 99   | 1733547  | 138.41 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.73  | 82   | 1188974  | 100.86 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.75 | 330  | 639441   | 154.16 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.86 | 172  | 2502773  | 97.13  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.59 | 244  | 3733223  | 104.15 | ng    | 0.00     |

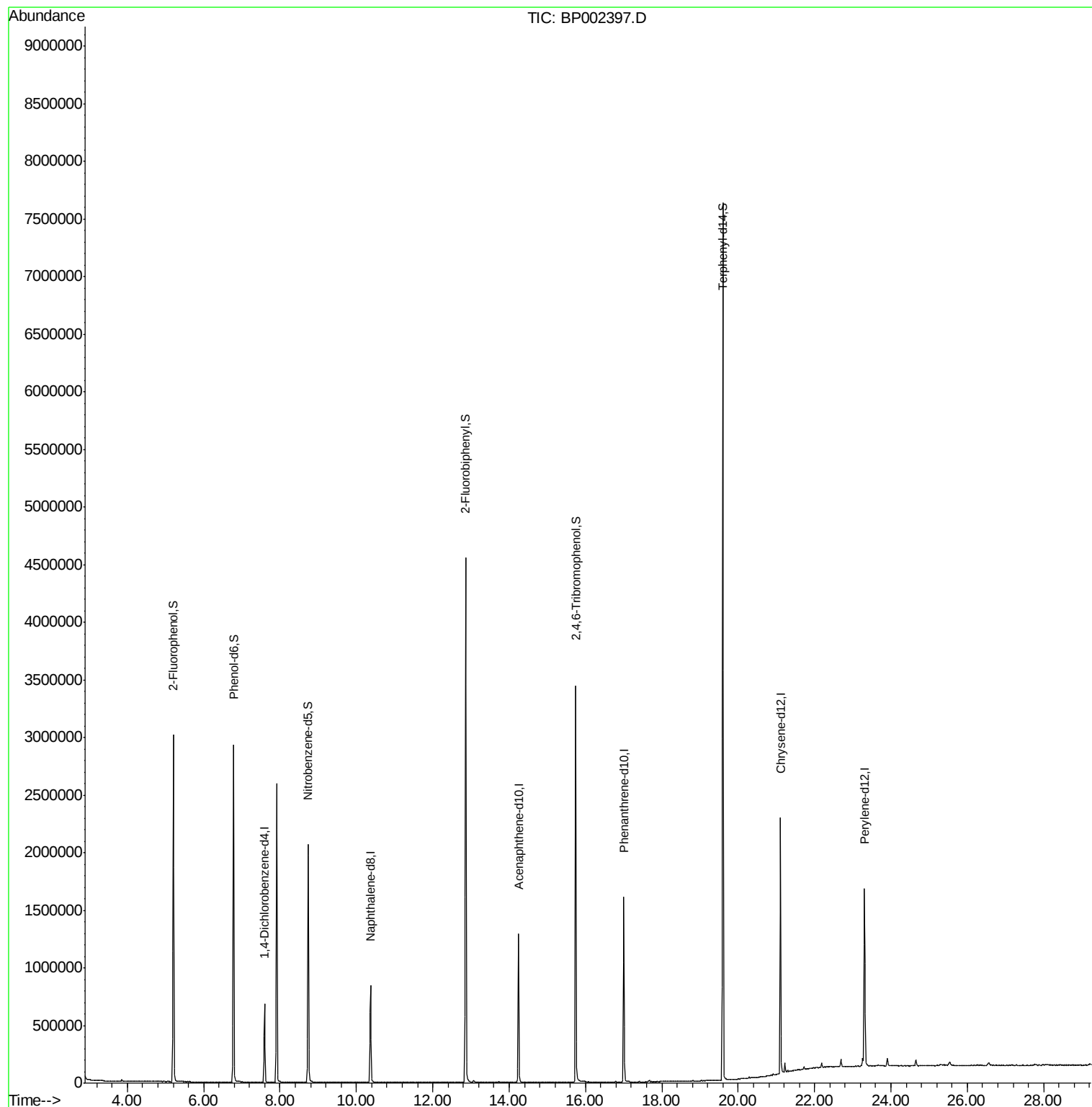
Target Compounds Qvalue

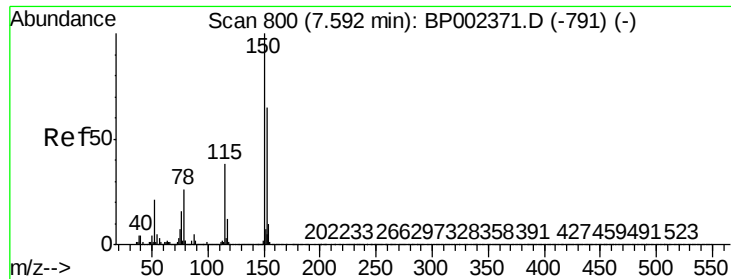
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061220\  
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Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
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Quant Time: Jun 12 14:33:22 2020  
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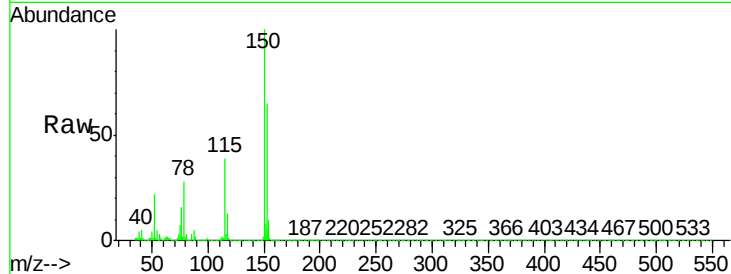


#1

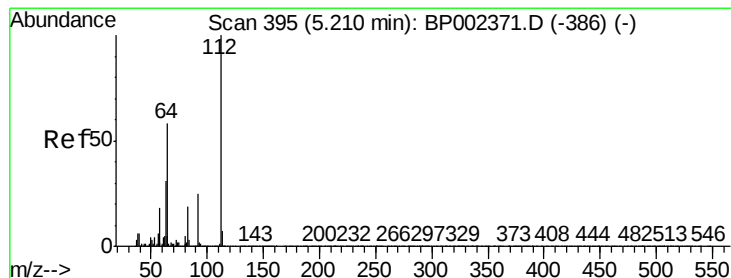
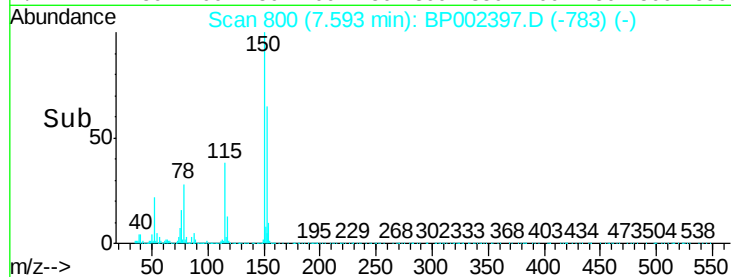
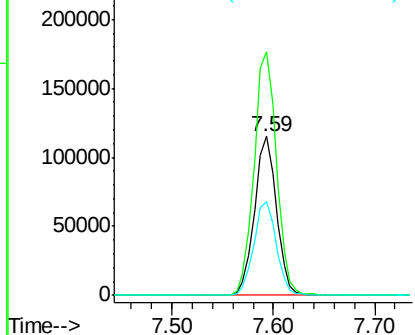
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.59 min Scan# 800  
Delta R.T. 0.00 min  
Lab File: BP002397.D  
Acq: 12 Jun 2020 13:45

Instrument :  
BNA\_P  
ClientSampleId :  
PB129511BL

Tot Ion:152 Resp: 174076  
Ion Ratio Lower Upper  
152 100  
150 153.4 124.0 186.0  
115 59.1 47.4 71.0



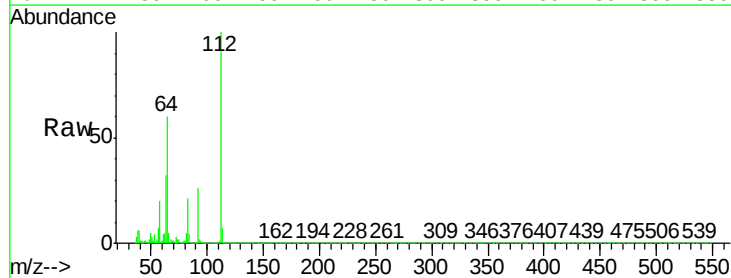
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



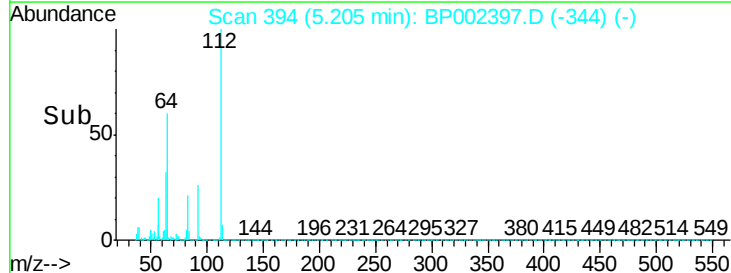
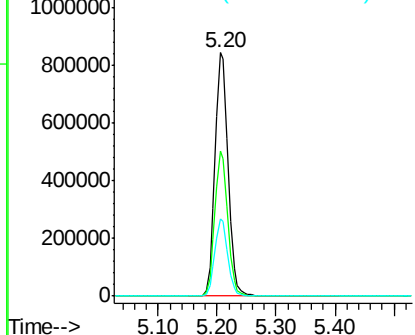
#5

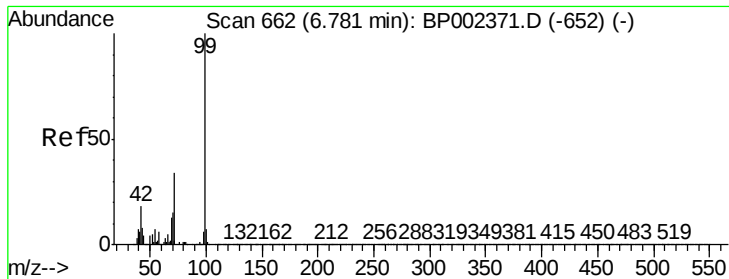
2-Fluorophenol  
Concen: 139.063 ng  
RT: 5.20 min Scan# 394  
Delta R.T. -0.01 min  
Lab File: BP002397.D  
Acq: 12 Jun 2020 13:45

Tgt Ion:112 Resp: 1308221  
Ion Ratio Lower Upper  
112 100  
64 59.8 46.2 69.2  
63 31.8 24.5 36.7



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: 138.408 ng

RT: 6.78 min Scan# 662

Delta R.T. 0.00 min

Lab File: BP002397.D

Acq: 12 Jun 2020 13:45

Instrument :

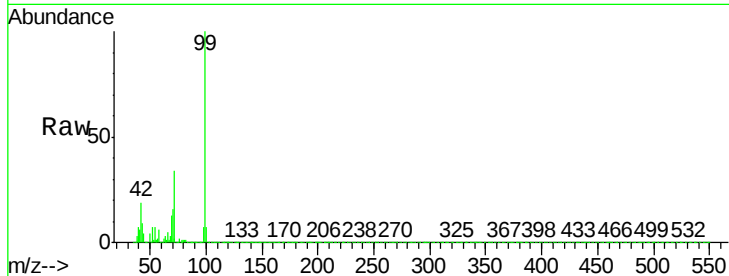
BNA\_P

ClientSampleId :

PB129511BL

Tot Ion: 99 Resp: 1733547

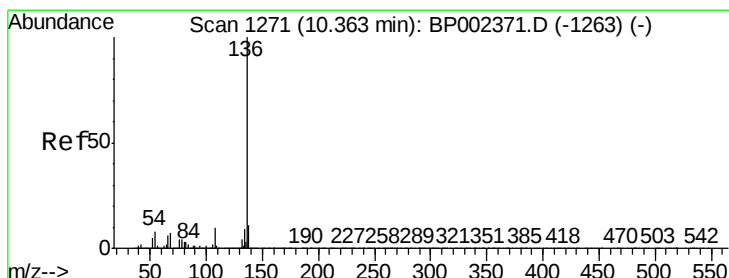
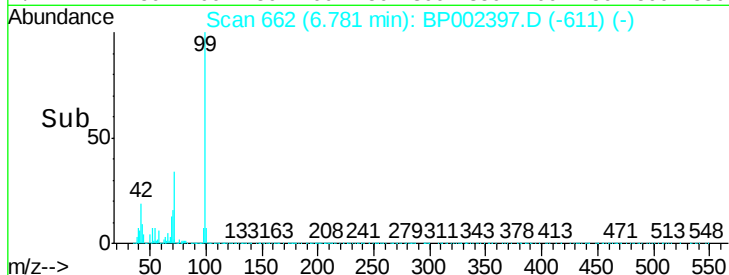
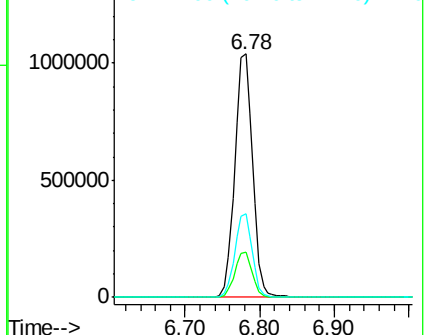
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 18.8  | 14.6  | 22.0  |
| 71  | 34.4  | 27.2  | 40.8  |



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.37 min Scan# 1272

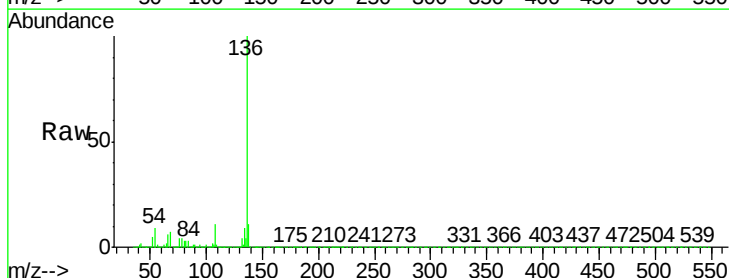
Delta R.T. 0.01 min

Lab File: BP002397.D

Acq: 12 Jun 2020 13:45

Tgt Ion: 136 Resp: 703955

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.7  | 8.8   | 13.2  |
| 54  | 8.5   | 6.4   | 9.6   |
| 68  | 6.8   | 5.6   | 8.4   |

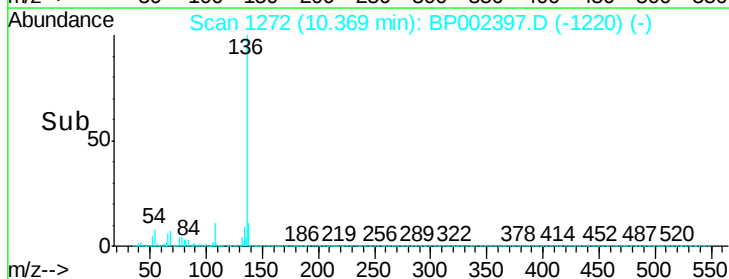
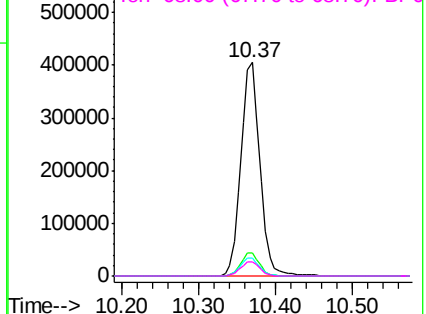


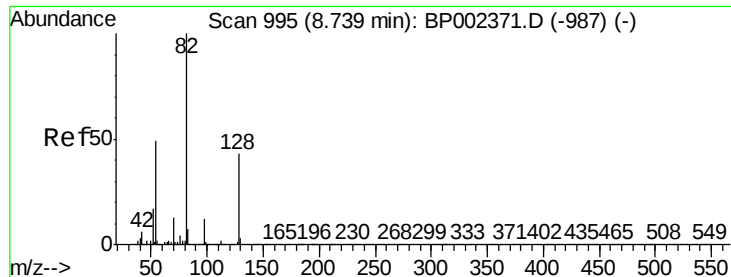
Abundance Ion 136.00 (135.70 to 136.70): E

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

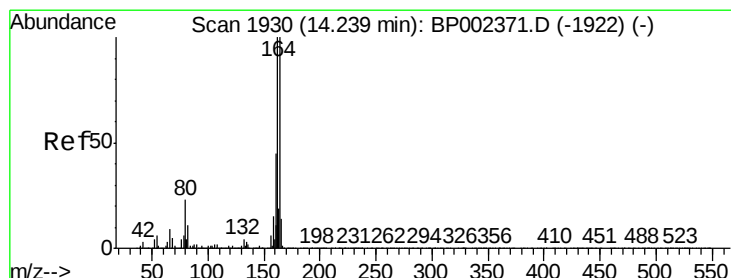
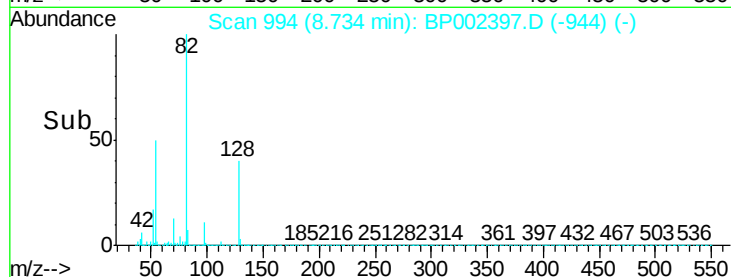
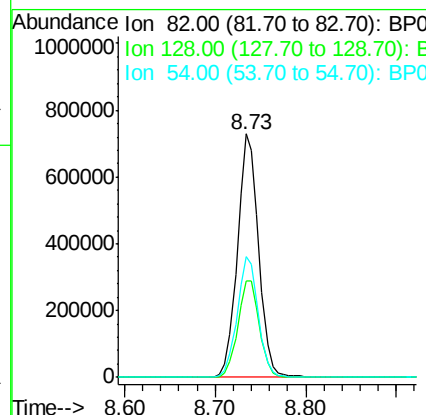
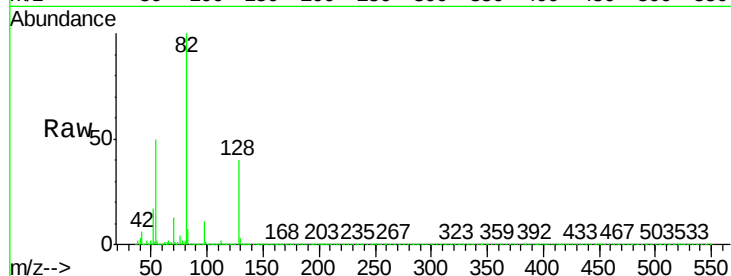




#23  
 Nitrobenzene-d5  
 Concen: 100.865 ng  
 RT: 8.73 min Scan# 994  
 Delta R.T. -0.01 min  
 Lab File: BP002397.D  
 Acq: 12 Jun 2020 13:45

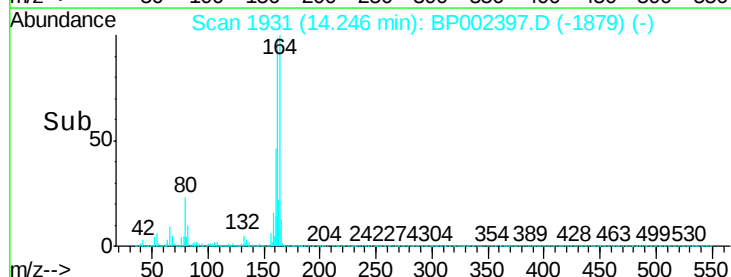
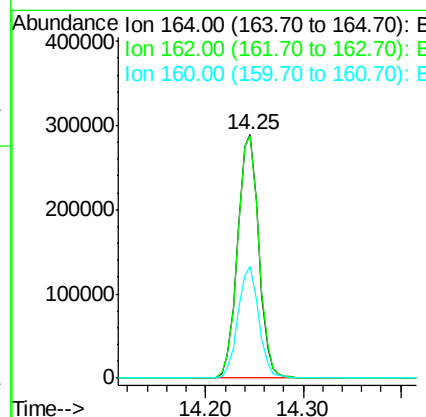
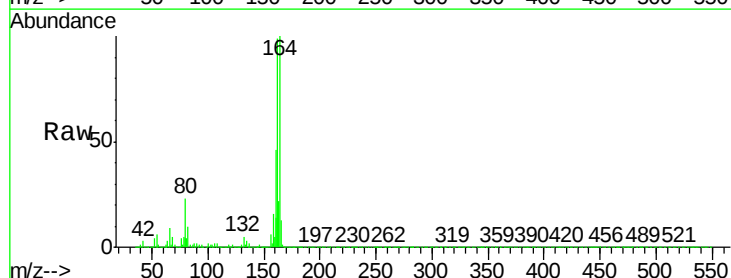
Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB129511BL

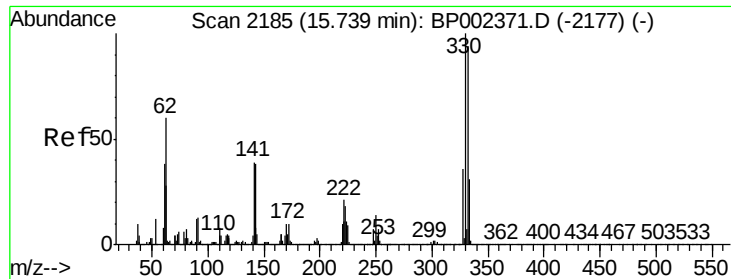
Tot Ion: 82 Resp: 1188974  
 Ion Ratio Lower Upper  
 82 100  
 128 39.7 34.5 51.7  
 54 49.7 39.4 59.2



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.25 min Scan# 1931  
 Delta R.T. 0.01 min  
 Lab File: BP002397.D  
 Acq: 12 Jun 2020 13:45

Tgt Ion:164 Resp: 433242  
 Ion Ratio Lower Upper  
 164 100  
 162 99.5 79.8 119.8  
 160 45.8 36.2 54.2

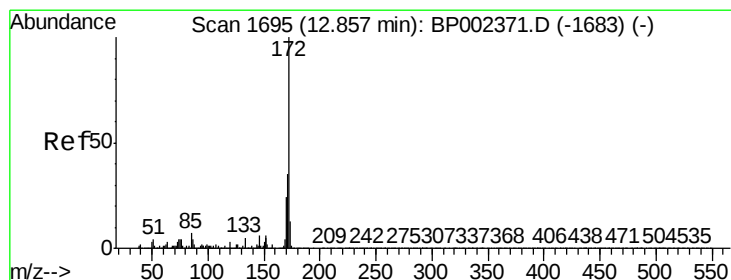
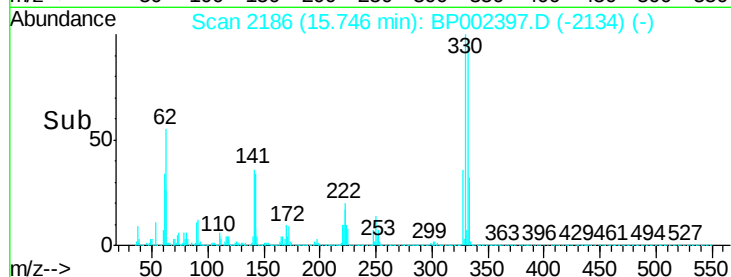
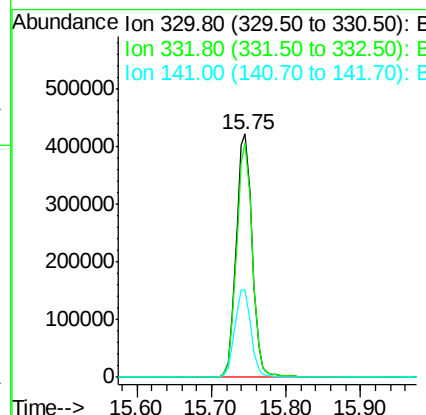
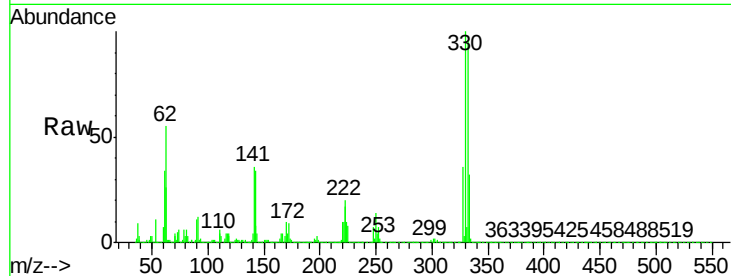




#42  
2,4,6-Tribromophenol  
Concen: 154.157 ng  
RT: 15.75 min Scan# 2186  
Delta R.T. 0.01 min  
Lab File: BP002397.D  
Acq: 12 Jun 2020 13:45

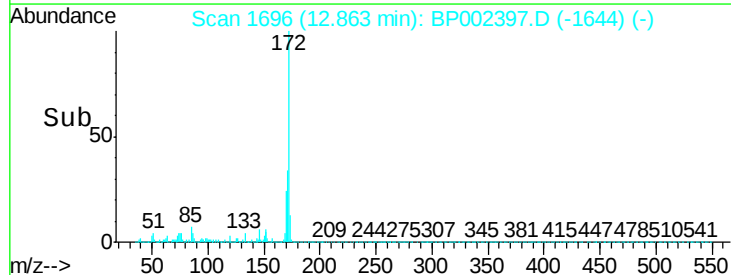
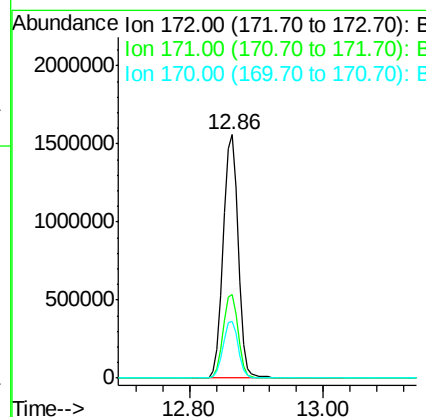
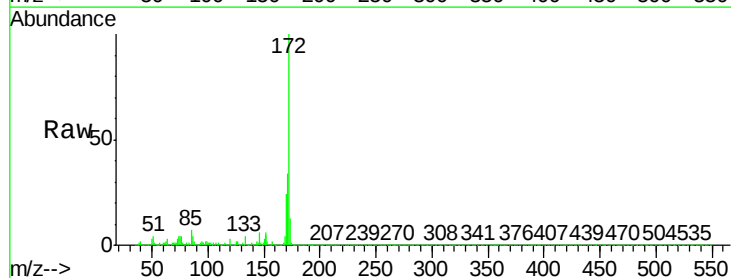
Instrument :  
BNA\_P  
ClientSampled :  
PB129511BL

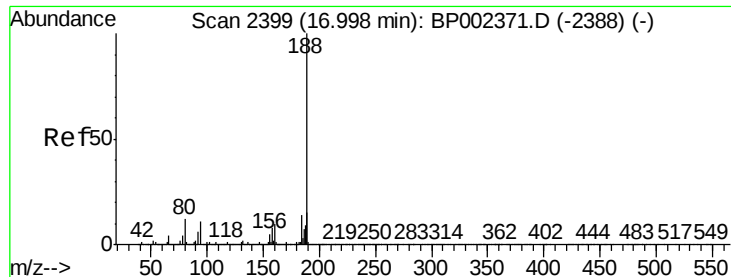
Tot Ion:330 Resp: 639441  
Ion Ratio Lower Upper  
330 100  
332 95.1 76.6 115.0  
141 36.8 30.3 45.5



#45  
2-Fluorobiphenyl  
Concen: 97.133 ng  
RT: 12.86 min Scan# 1696  
Delta R.T. 0.01 min  
Lab File: BP002397.D  
Acq: 12 Jun 2020 13:45

Tgt Ion:172 Resp: 2502773  
Ion Ratio Lower Upper  
172 100  
171 34.3 27.8 41.8  
170 23.6 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.00 min Scan# 2400

Delta R.T. 0.01 min

Lab File: BP002397.D

Acq: 12 Jun 2020 13:45

Instrument :

BNA\_P

ClientSampleId :

PB129511BL

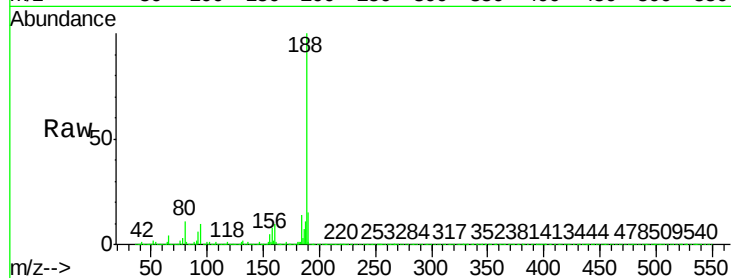
Tot Ion:188 Resp: 955560

Ion Ratio Lower Upper

188 100

94 10.1 8.5 12.7

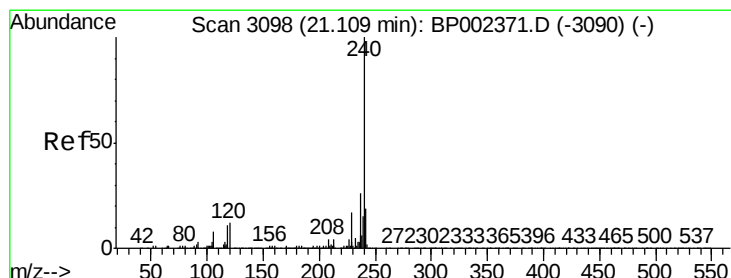
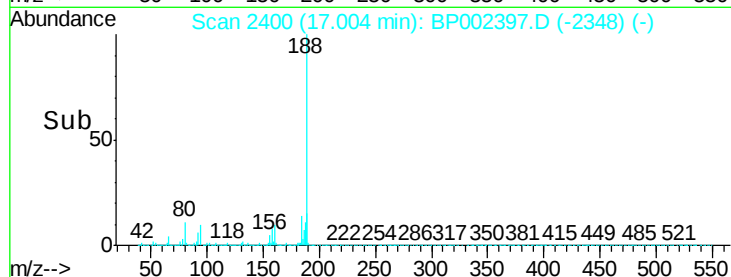
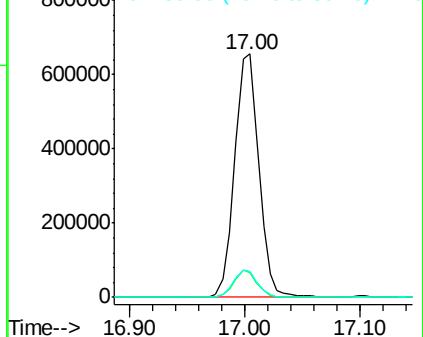
80 10.9 9.4 14.0



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: 21.10 min Scan# 3097

Delta R.T. -0.01 min

Lab File: BP002397.D

Acq: 12 Jun 2020 13:45

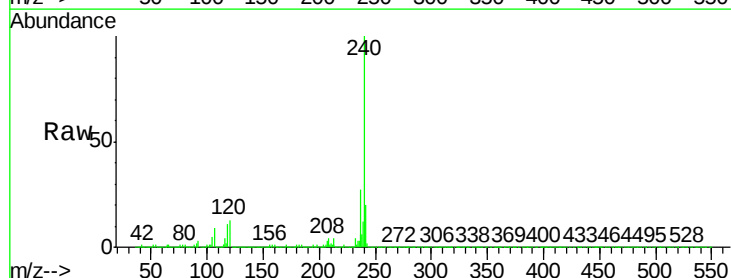
Tgt Ion:240 Resp: 980210

Ion Ratio Lower Upper

240 100

120 12.7 9.3 13.9

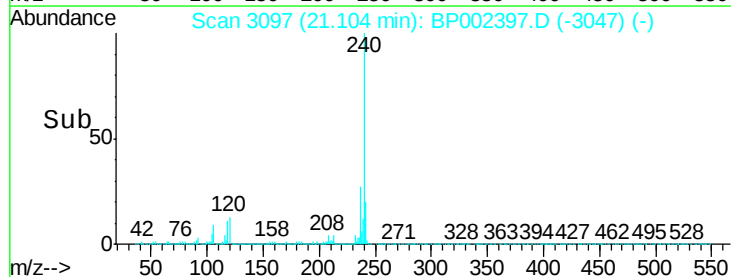
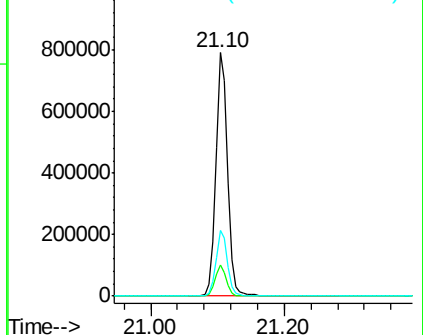
236 27.1 21.0 31.6

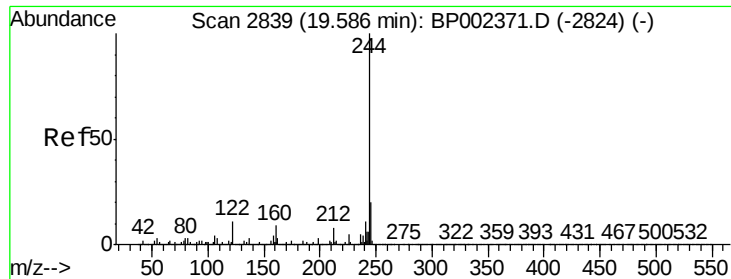


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 104.148 ng

RT: 19.59 min Scan# 2840

Delta R.T. 0.01 min

Lab File: BP002397.D

Acq: 12 Jun 2020 13:45

Instrument :

BNA\_P

ClientSampleId :

PB129511BL

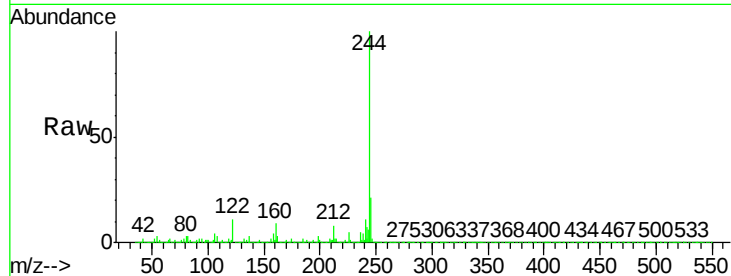
Tot Ion:244 Resp: 3733223

Ion Ratio Lower Upper

244 100

212 8.4 6.6 10.0

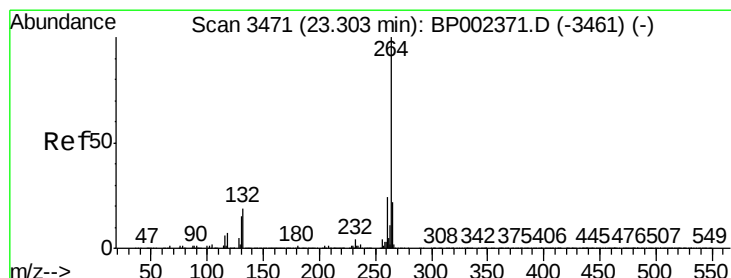
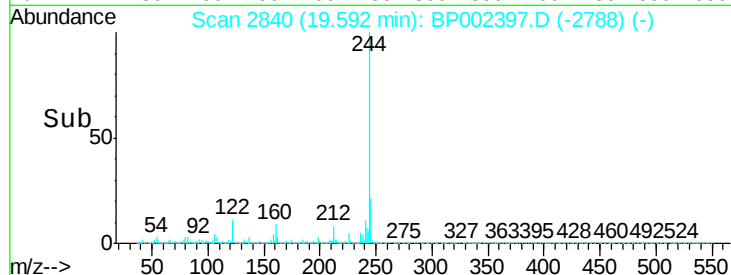
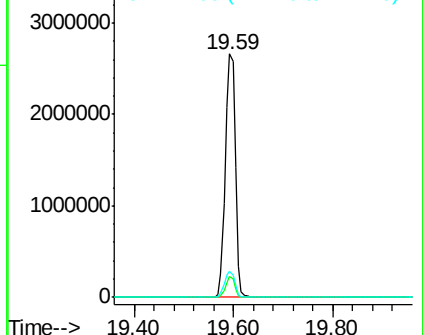
122 10.5 8.8 13.2



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.31 min Scan# 3472

Delta R.T. 0.01 min

Lab File: BP002397.D

Acq: 12 Jun 2020 13:45

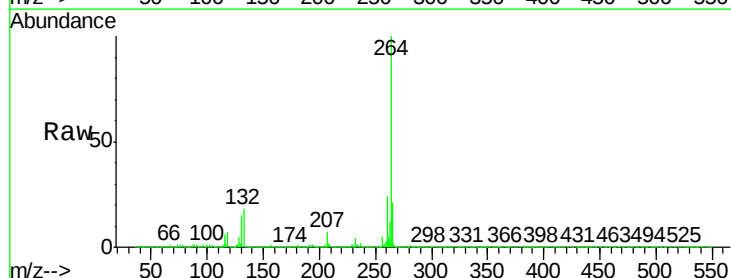
Tgt Ion:264 Resp: 1056193

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.0

265 21.4 17.4 26.2



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

