

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072020\  
 Data File : BP002798.D  
 Acq On : 20 Jul 2020 13:47  
 Operator : CG/JU  
 Sample : L3182-01 2X  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 NB-08-071720

Quant Time: Jul 21 01:41:10 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 13 10:54:03 2020  
 Response via : Initial Calibration

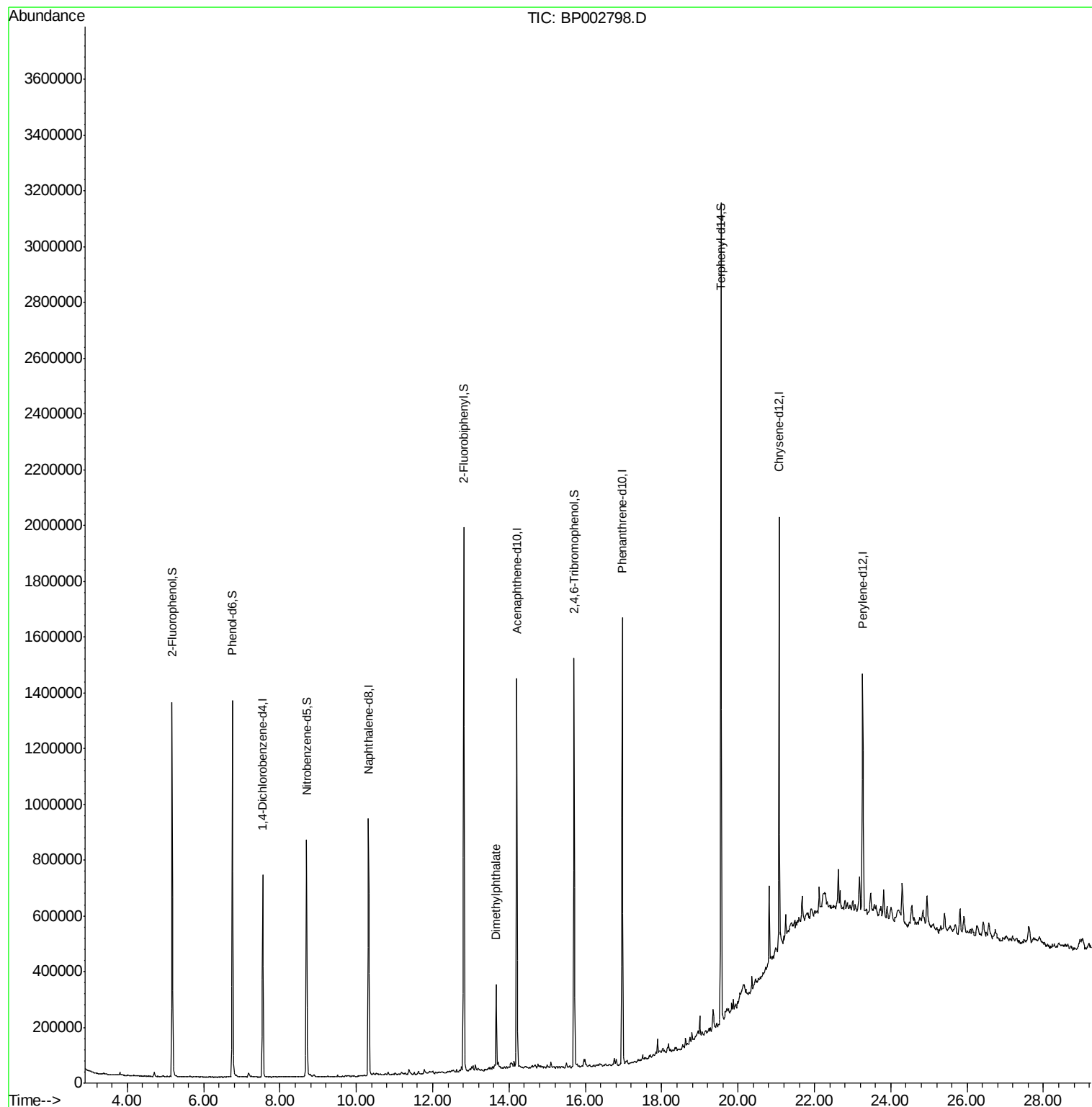
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.55  | 152  | 190388   | 20.00 | ng    | 0.00      |
| 21) Naphthalene-d8          | 10.32 | 136  | 784888   | 20.00 | ng    | -0.01     |
| 39) Acenaphthene-d10        | 14.20 | 164  | 468592   | 20.00 | ng    | -0.01     |
| 64) Phenanthrene-d10        | 16.96 | 188  | 925780   | 20.00 | ng    | 0.00      |
| 76) Chrysene-d12            | 21.07 | 240  | 697413   | 20.00 | ng    | 0.00      |
| 86) Perylene-d12            | 23.26 | 264  | 571965   | 20.00 | ng    | 0.00      |
| System Monitoring Compounds |       |      |          |       |       |           |
| 5) 2-Fluorophenol           | 5.18  | 112  | 595683   | 52.79 | ng    | 0.00      |
| 7) Phenol-d6                | 6.75  | 99   | 822248   | 51.06 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 8.69  | 82   | 503788   | 34.33 | ng    | -0.01     |
| 42) 2,4,6-Tribromophenol    | 15.70 | 330  | 260695   | 53.30 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 12.81 | 172  | 1049177  | 34.64 | ng    | -0.01     |
| 79) Terphenyl-d14           | 19.55 | 244  | 1220994  | 40.14 | ng    | 0.00      |
| Target Compounds            |       |      |          |       |       |           |
| 50) Dimethylphthalate       | 13.66 | 163  | 189902   | 5.314 | ng    | Qvalue 99 |

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

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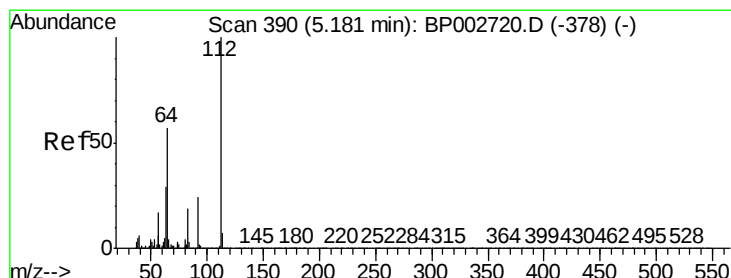
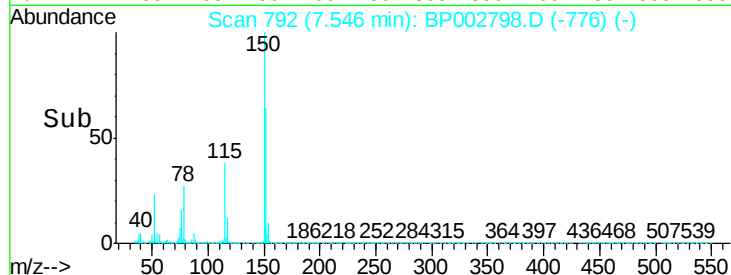
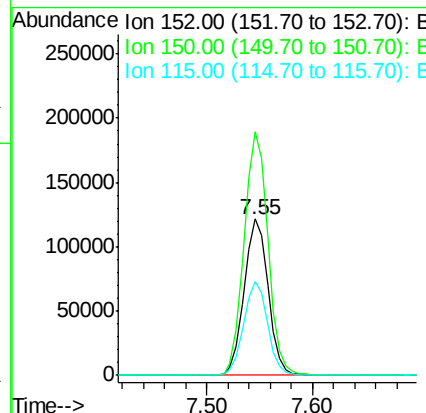
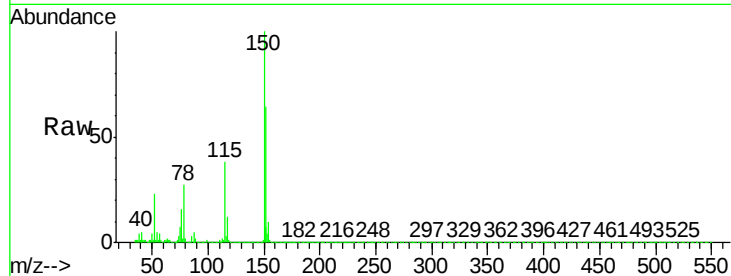


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.55 min Scan# 792  
Delta R.T. -0.01 min  
Lab File: BP002798.D  
Acq: 20 Jul 2020 13:47

Instrument :  
BNA\_P  
ClientSampleId :  
NB-08-071720

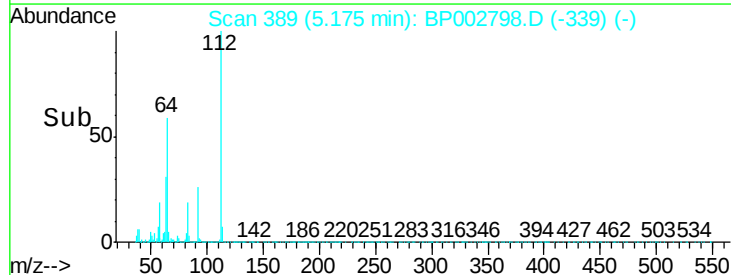
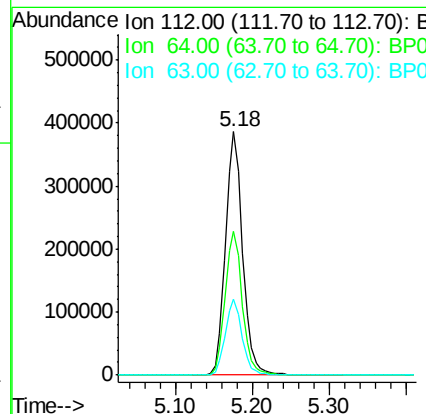
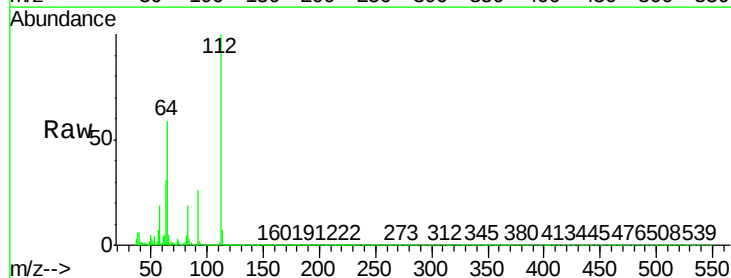
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 155.6 | 123.7 | 185.5 |
| 115     | 59.8  | 47.2  | 70.8  |

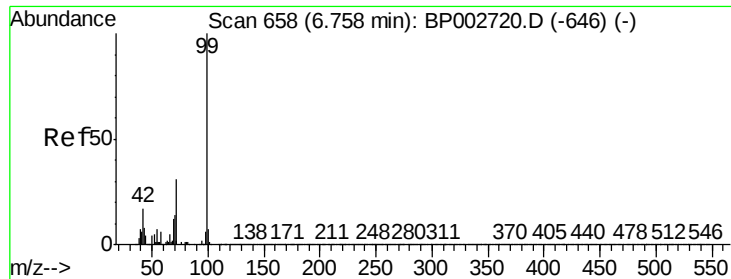


#5

2-Fluorophenol  
Concen: 52.788 ng  
RT: 5.18 min Scan# 389  
Delta R.T. -0.01 min  
Lab File: BP002798.D  
Acq: 20 Jul 2020 13:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 59.0  | 45.6  | 68.4  |
| 63      | 30.9  | 23.5  | 35.3  |





#7

Phenol-d6

Concen: 51.057 ng

RT: 6.75 min Scan# 657

Delta R.T. -0.01 min

Lab File: BP002798.D

Acq: 20 Jul 2020 13:47

Instrument :

BNA\_P

ClientSampleId :

NB-08-071720

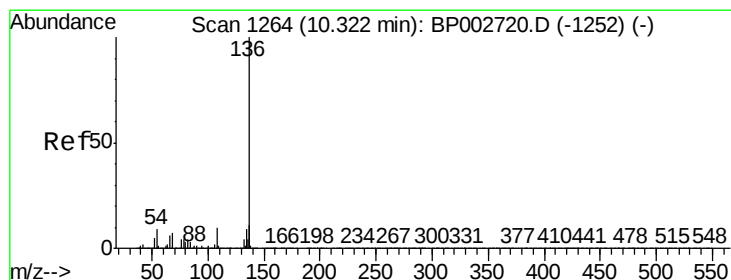
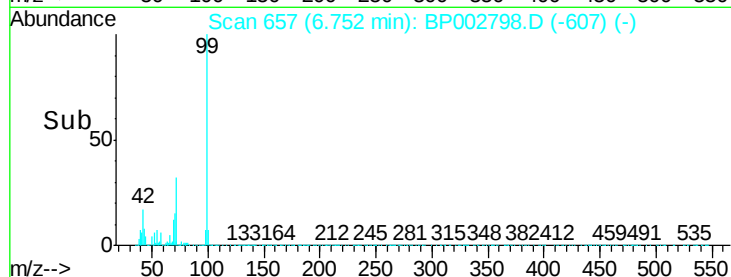
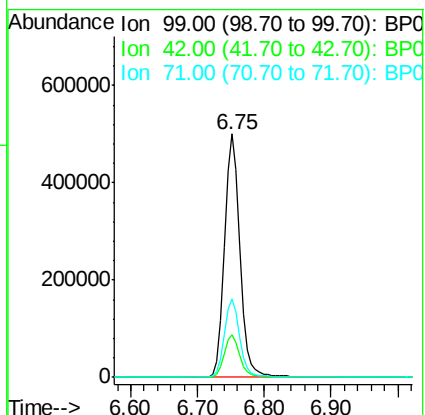
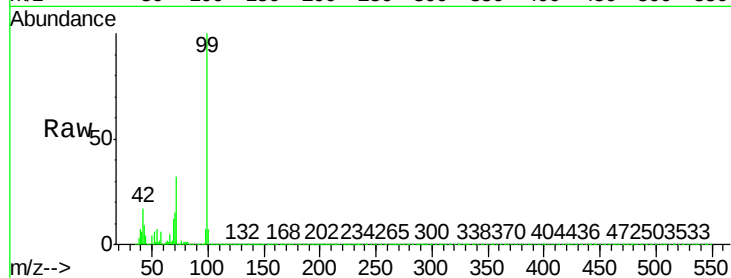
Tot Ion: 99 Resp: 822248

Ion Ratio Lower Upper

99 100

42 17.3 13.4 20.2

71 32.1 24.6 36.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.32 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BP002798.D

Acq: 20 Jul 2020 13:47

Tgt Ion: 136 Resp: 784888

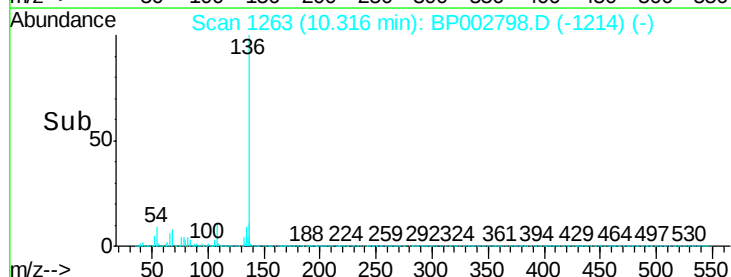
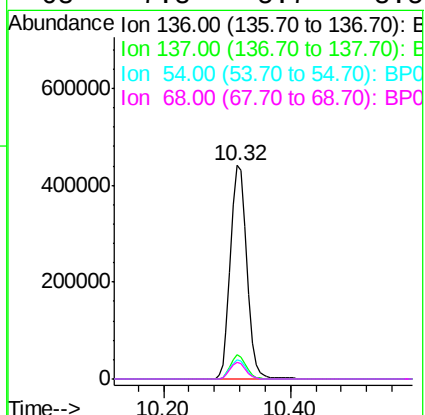
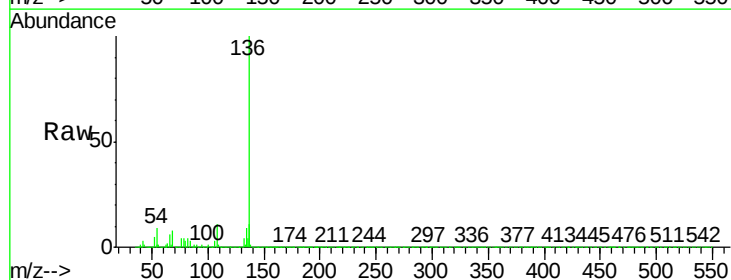
Ion Ratio Lower Upper

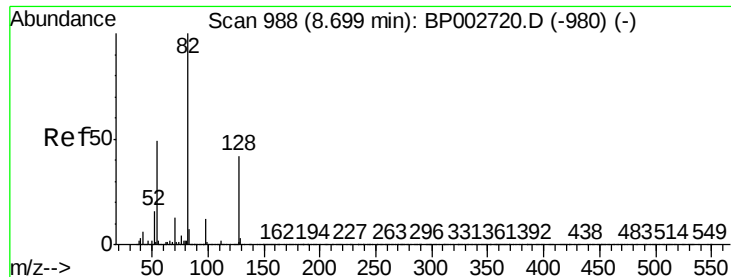
136 100

137 11.3 8.6 13.0

54 8.9 6.9 10.3

68 7.8 5.7 8.5

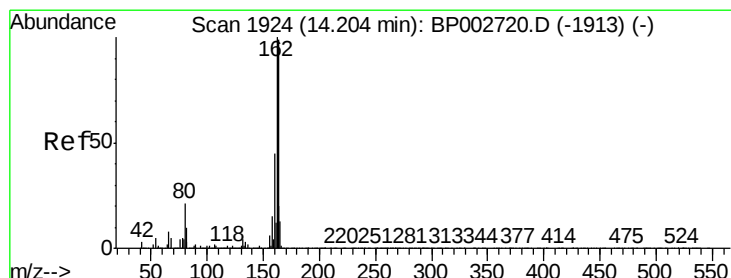
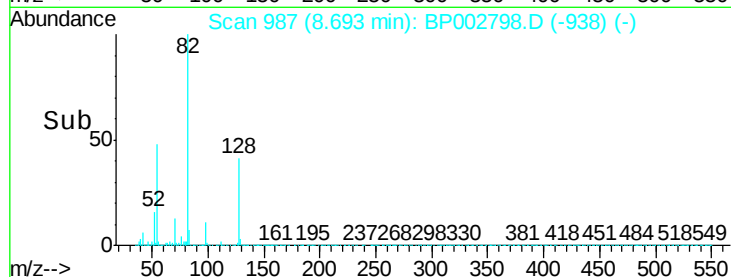
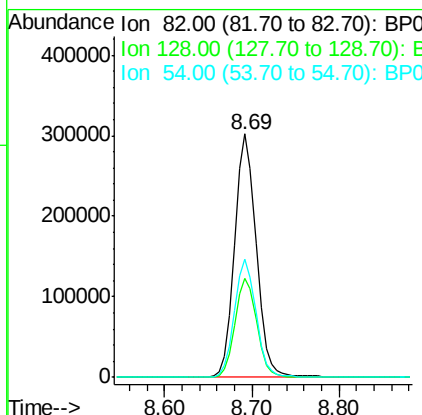
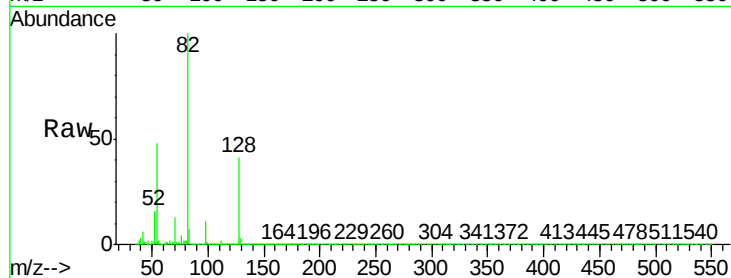




#23  
 Nitrobenzene-d5  
 Concen: 34.329 ng  
 RT: 8.69 min Scan# 987  
 Delta R.T. -0.01 min  
 Lab File: BP002798.D  
 Acq: 20 Jul 2020 13:47

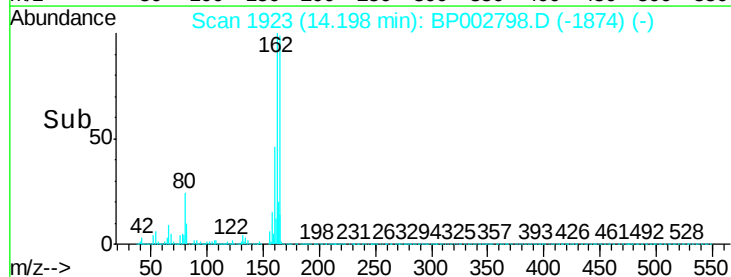
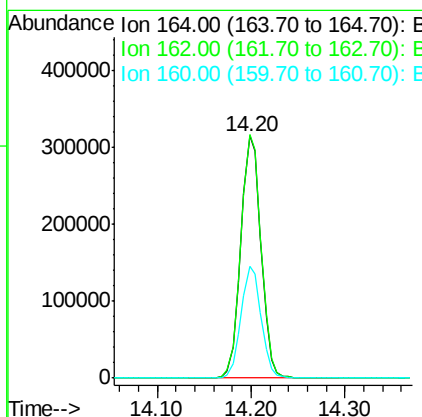
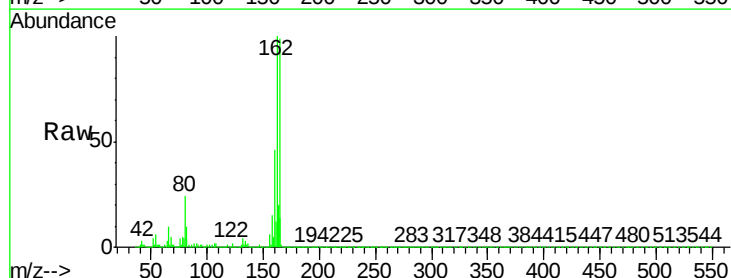
Instrument :  
 BNA\_P  
 ClientSampleId :  
 NB-08-071720

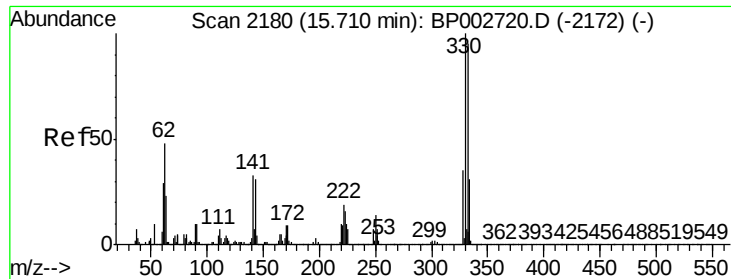
| Tot Ion   | 82    | Resp  | 503788 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 40.9  | 33.8  | 50.8   |
| 54        | 48.3  | 38.8  | 58.2   |



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.20 min Scan# 1923  
 Delta R.T. -0.01 min  
 Lab File: BP002798.D  
 Acq: 20 Jul 2020 13:47

| Tgt Ion   | 164   | Resp  | 468592 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 100.6 | 80.6  | 121.0  |
| 160       | 46.0  | 36.4  | 54.6   |

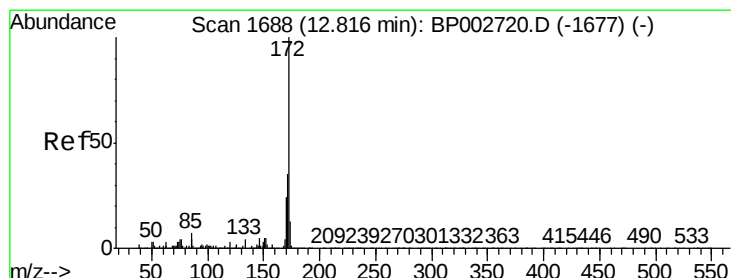
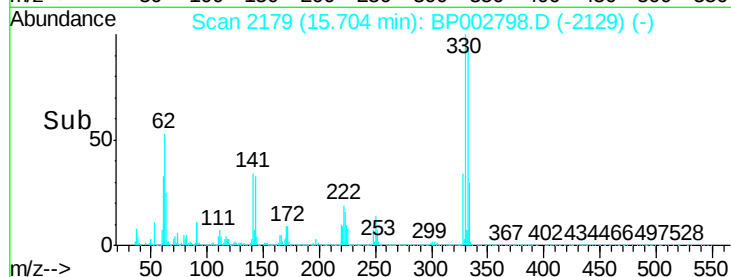
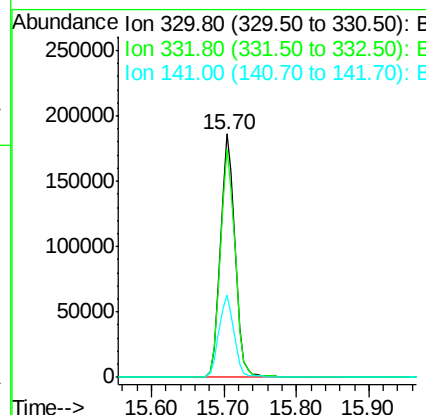
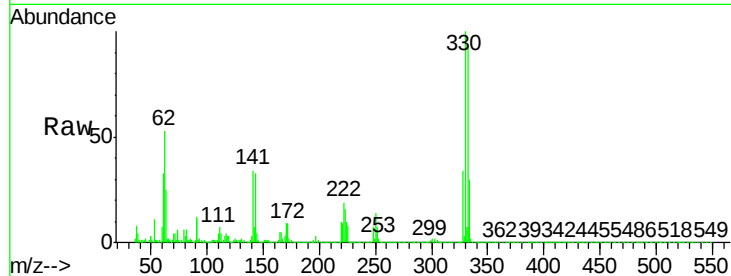




#42  
 2,4,6-Tribromophenol  
 Concen: 53.297 ng  
 RT: 15.70 min Scan# 2179  
 Delta R.T. -0.01 min  
 Lab File: BP002798.D  
 Acq: 20 Jul 2020 13:47

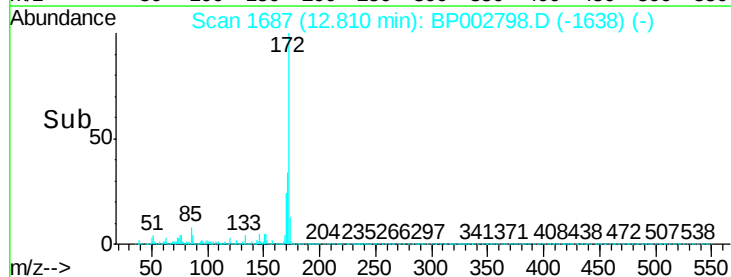
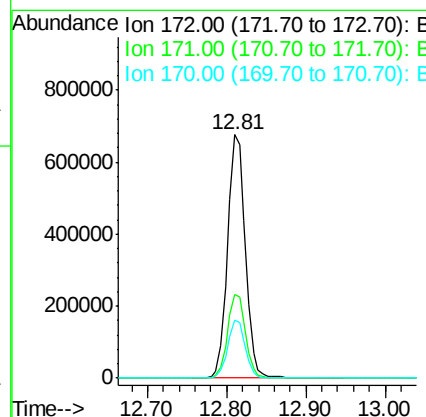
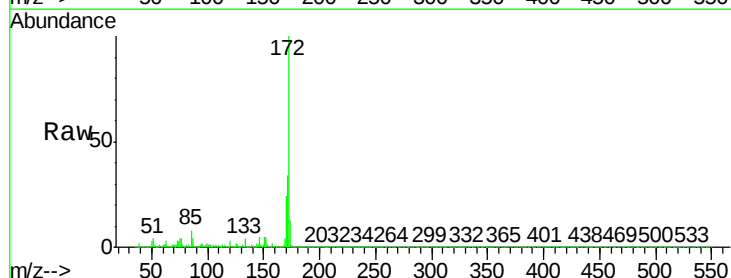
Instrument :  
 BNA\_P  
 ClientSampleId :  
 NB-08-071720

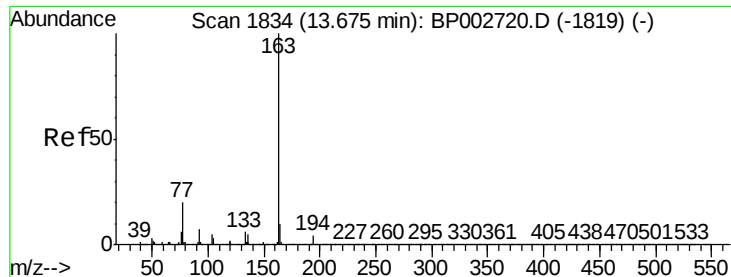
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 94.9  | 76.5  | 114.7 |
| 141     | 34.8  | 28.8  | 43.2  |



#45  
 2-Fluorobiphenyl  
 Concen: 34.637 ng  
 RT: 12.81 min Scan# 1687  
 Delta R.T. -0.01 min  
 Lab File: BP002798.D  
 Acq: 20 Jul 2020 13:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 34.3  | 28.1  | 42.1  |
| 170     | 23.6  | 19.3  | 28.9  |





#50

Dimethylphthalate

Concen: 5.314 ng

RT: 13.66 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BP002798.D

Acq: 20 Jul 2020 13:47

Instrument :

BNA\_P

ClientSampleId :

NB-08-071720

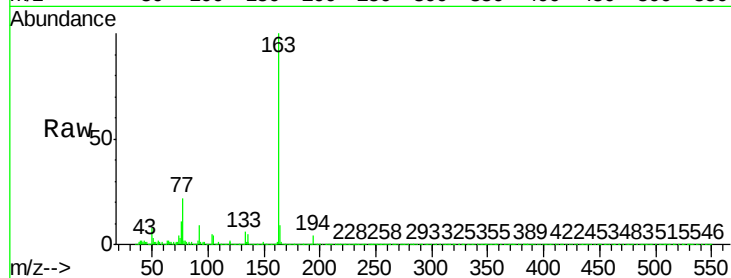
Tot Ion:163 Resp: 189902

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

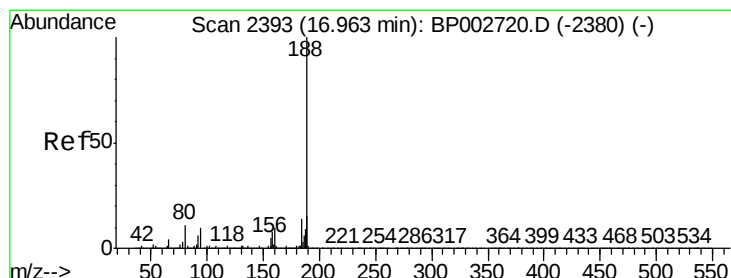
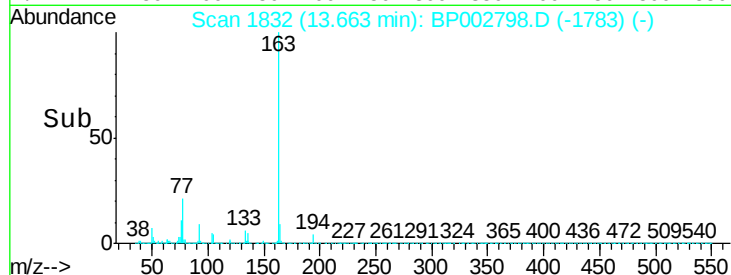
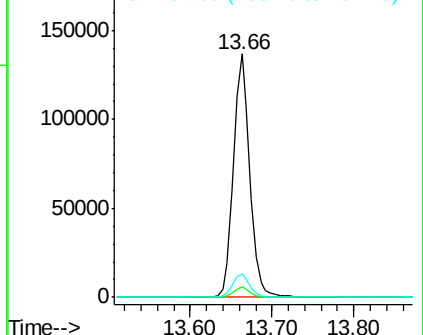
164 9.5 7.8 11.8



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: 16.96 min Scan# 2393

Delta R.T. -0.01 min

Lab File: BP002798.D

Acq: 20 Jul 2020 13:47

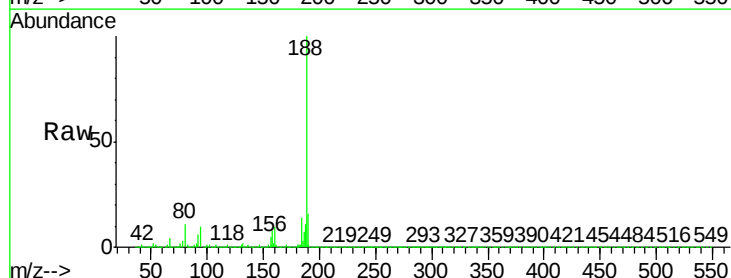
Tgt Ion:188 Resp: 925780

Ion Ratio Lower Upper

188 100

94 10.1 8.1 12.1

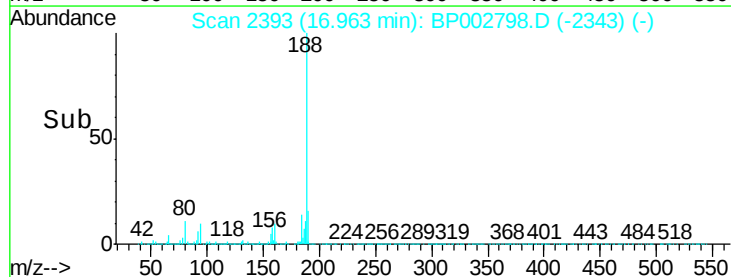
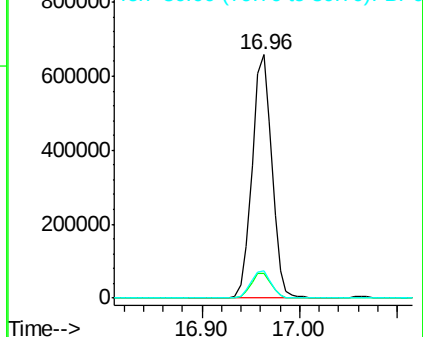
80 11.0 8.9 13.3

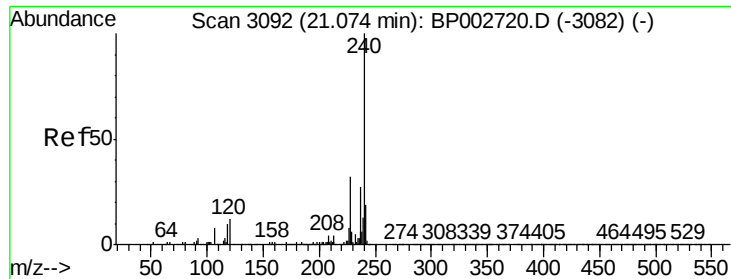


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

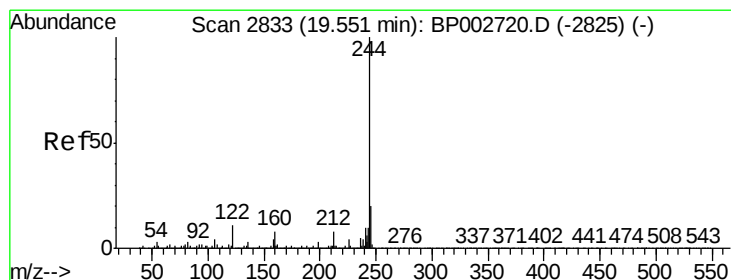
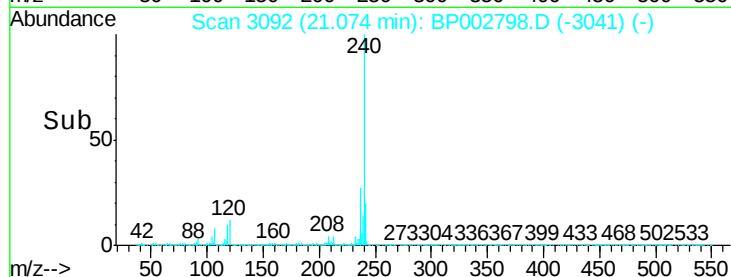
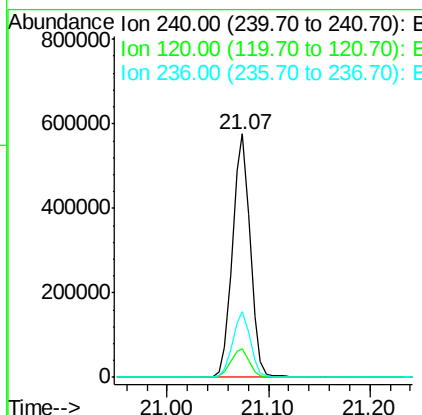
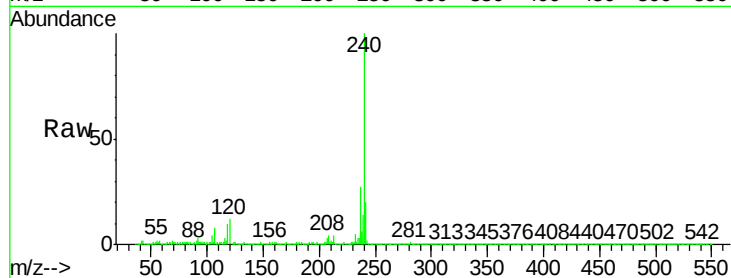




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.07 min Scan# 3092  
Delta R.T. 0.00 min  
Lab File: BP002798.D  
Acq: 20 Jul 2020 13:47

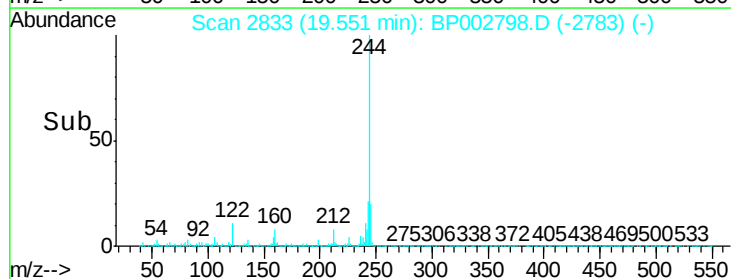
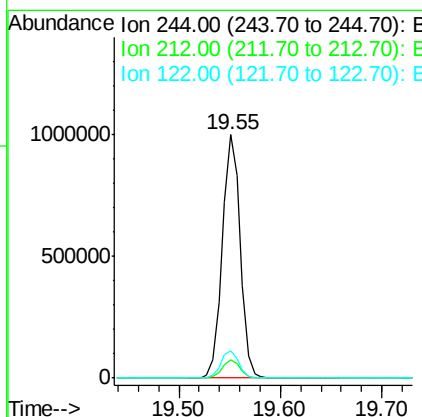
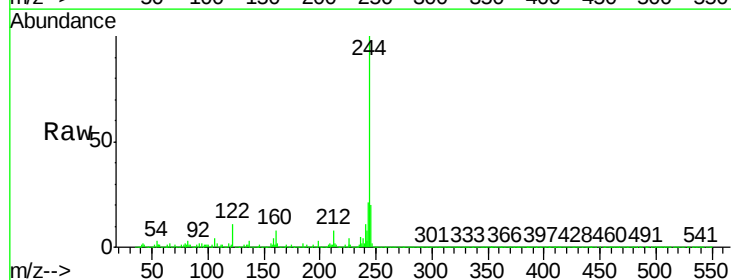
Instrument :  
BNA\_P  
ClientSampleId :  
NB-08-071720

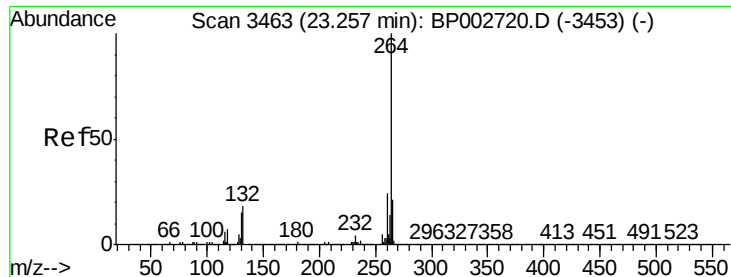
Tot Ion:240 Resp: 697413  
Ion Ratio Lower Upper  
240 100  
120 11.7 9.4 14.2  
236 27.2 21.3 31.9



#79  
Terphenyl-d14  
Concen: 40.140 ng  
RT: 19.55 min Scan# 2833  
Delta R.T. -0.01 min  
Lab File: BP002798.D  
Acq: 20 Jul 2020 13:47

Tgt Ion:244 Resp: 1220994  
Ion Ratio Lower Upper  
244 100  
212 7.7 6.0 9.0  
122 11.3 8.9 13.3

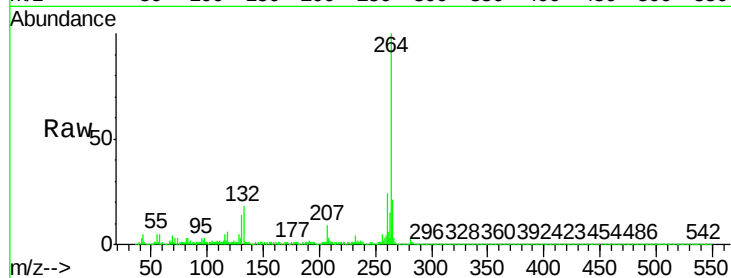




#86  
Pervlene-d12  
Concen: 20.000 ng  
RT: 23.26 min Scan# 3464  
Delta R.T. 0.00 min  
Lab File: BP002798.D  
Acq: 20 Jul 2020 13:47

Instrument :  
BNA\_P  
ClientSampleId :  
NB-08-071720

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.1  | 19.3  | 28.9  |
| 265     | 21.5  | 16.8  | 25.2  |



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

