

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111519\  
 Data File : BP001060.D  
 Acq On : 16 Nov 2019 01:26  
 Operator : JU  
 Sample : K5832-20  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 5-(12-14)

Quant Time: Nov 16 05:16:08 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 06 17:07:13 2019  
 Response via : Initial Calibration

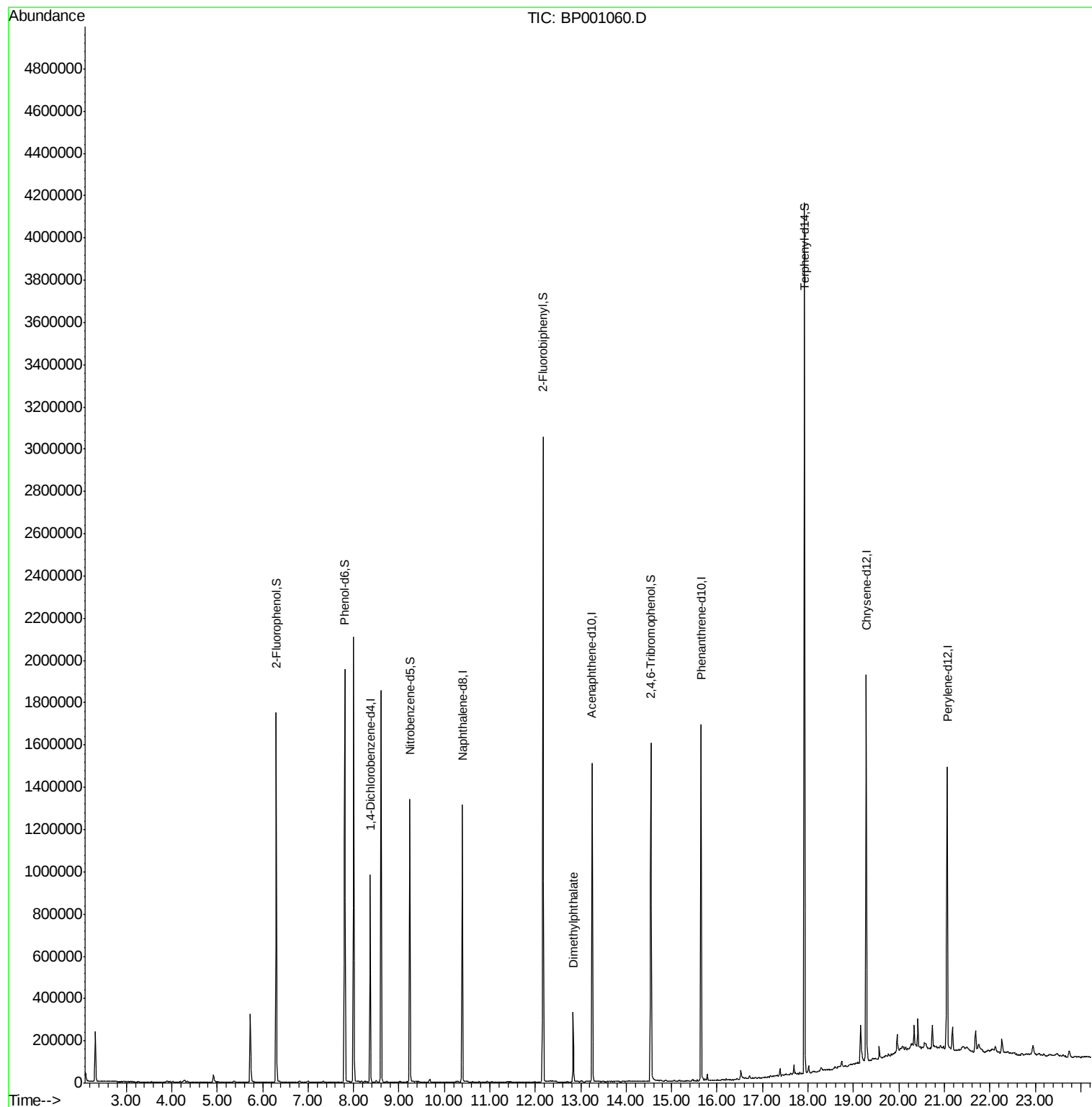
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.37  | 152  | 196156   | 20.00 | ng    | 0.00      |
| 21) Naphthalene-d8          | 10.39 | 136  | 718224   | 20.00 | ng    | -0.01     |
| 39) Acenaphthene-d10        | 13.25 | 164  | 415106   | 20.00 | ng    | -0.02     |
| 64) Phenanthrene-d10        | 15.65 | 188  | 830515   | 20.00 | ng    | -0.01     |
| 76) Chrysene-d12            | 19.28 | 240  | 705040   | 20.00 | ng    | -0.02     |
| 87) Perylene-d12            | 21.06 | 264  | 739339   | 20.00 | ng    | -0.02     |
| System Monitoring Compounds |       |      |          |       |       |           |
| 5) 2-Fluorophenol           | 6.30  | 112  | 608352   | 56.45 | ng    | 0.00      |
| 7) Phenol-d6                | 7.81  | 99   | 838138   | 61.50 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 9.24  | 82   | 530602   | 40.87 | ng    | -0.02     |
| 42) 2,4,6-Tribromophenol    | 14.55 | 330  | 290668   | 58.66 | ng    | -0.01     |
| 45) 2-Fluorobiphenyl        | 12.17 | 172  | 1228845  | 44.59 | ng    | -0.02     |
| 79) Terphenyl-d14           | 17.92 | 244  | 1634437  | 46.11 | ng    | -0.02     |
| Target Compounds            |       |      |          |       |       |           |
| 50) Dimethylphthalate       | 12.84 | 163  | 175693   | 5.724 | ng    | Qvalue 99 |

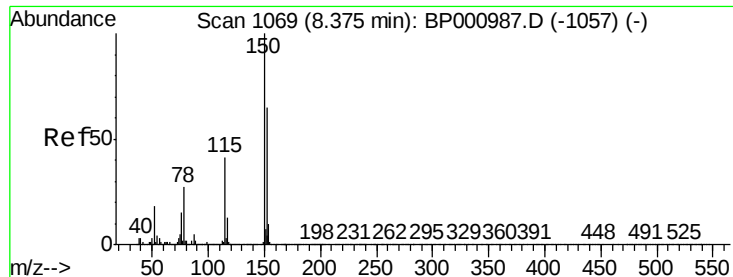
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111519\  
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Instrument :  
BNA\_P  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M  
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QLast Update : Wed Nov 06 17:07:13 2019  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.37 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BP001060.D

Acq: 16 Nov 2019 01:26

Instrument :

BNA\_P

ClientSampleId :

5-(12-14)

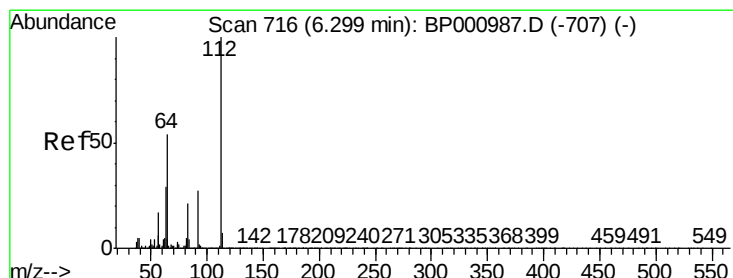
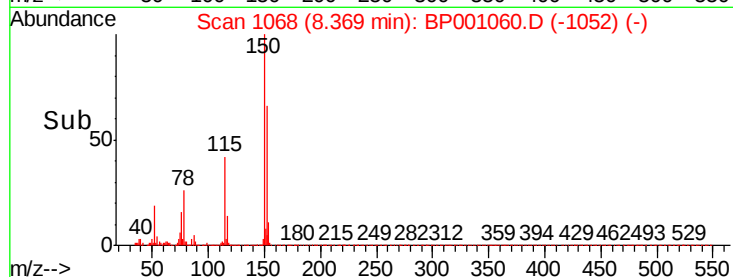
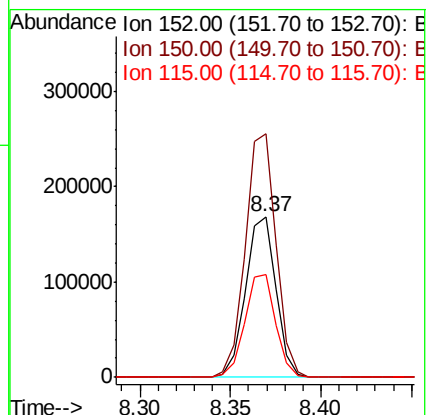
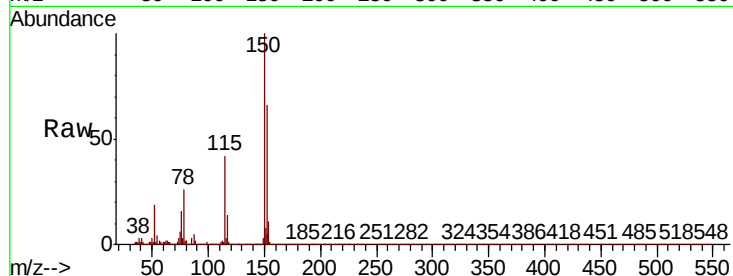
Tot Ion:152 Resp: 196156

Ion Ratio Lower Upper

152 100

150 151.4 123.6 185.4

115 64.0 50.1 75.1



#5

2-Fluorophenol

Concen: 56.450 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BP001060.D

Acq: 16 Nov 2019 01:26

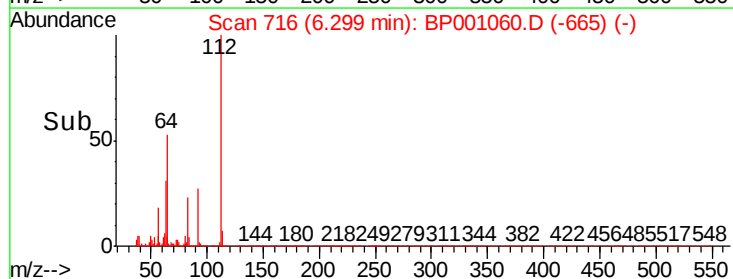
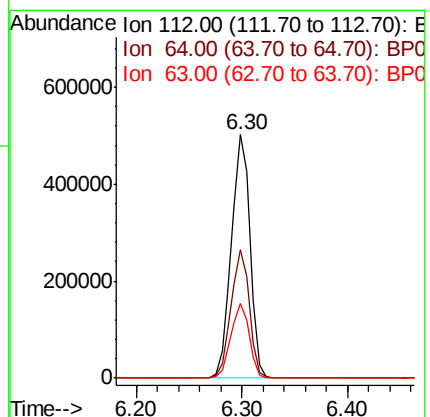
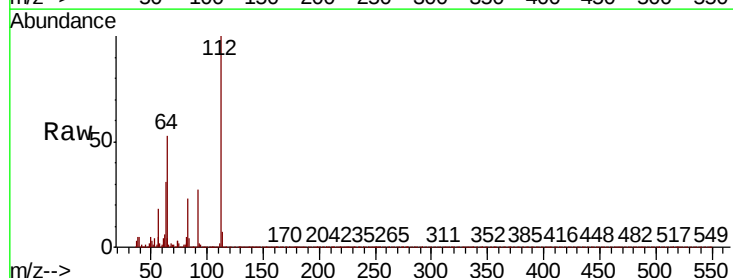
Tgt Ion:112 Resp: 608352

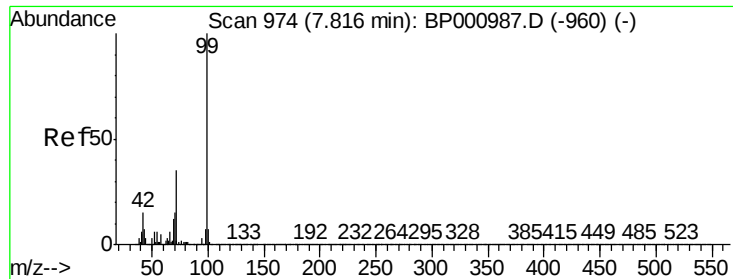
Ion Ratio Lower Upper

112 100

64 52.7 43.4 65.0

63 30.8 23.4 35.0





#7

Phenol-d6

Concen: 61.502 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BP001060.D

Acq: 16 Nov 2019 01:26

Instrument :

BNA\_P

ClientSampleId :

5-(12-14)

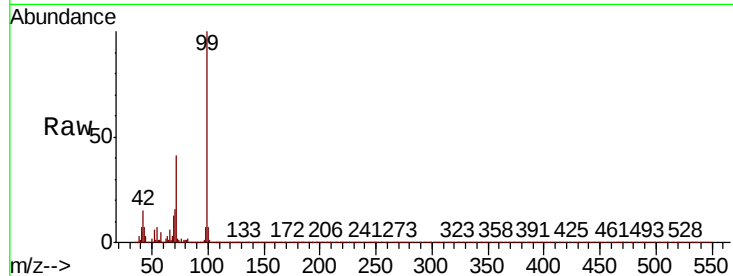
Tot Ion: 99 Resp: 838138

Ion Ratio Lower Upper

99 100

42 15.4 11.6 17.4

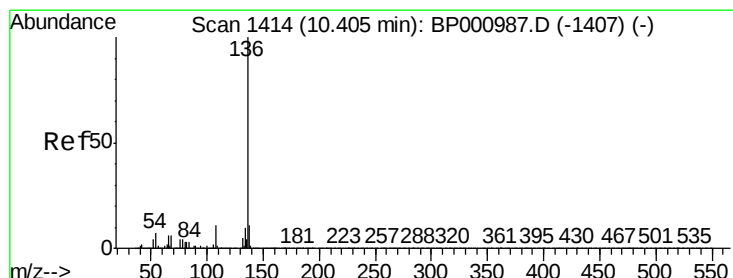
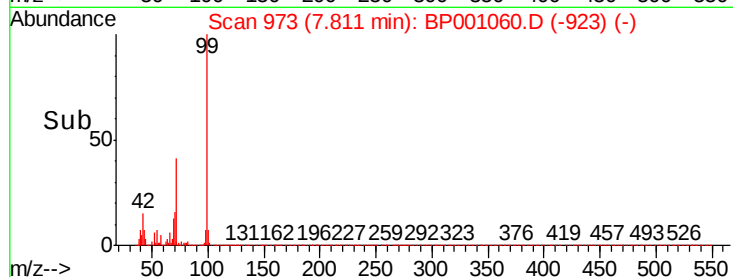
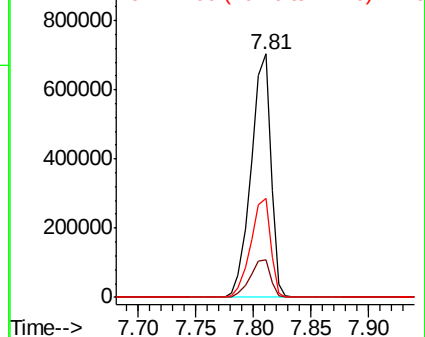
71 40.8 28.0 42.0



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: 10.39 min Scan# 1412

Delta R.T. -0.01 min

Lab File: BP001060.D

Acq: 16 Nov 2019 01:26

Tgt Ion: 136 Resp: 718224

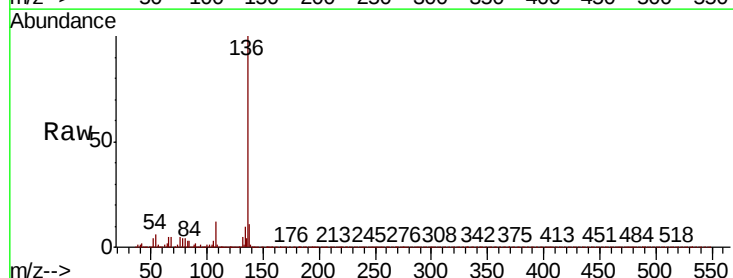
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 5.6 5.4 8.2

68 4.6 4.7 7.1#

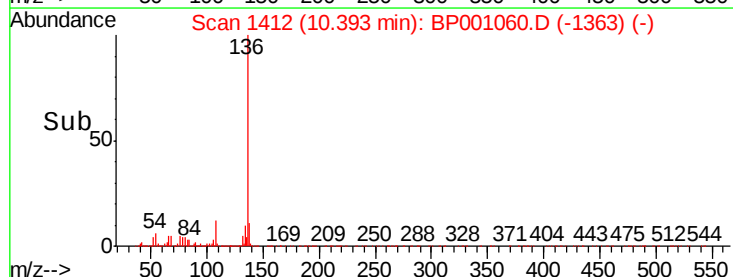
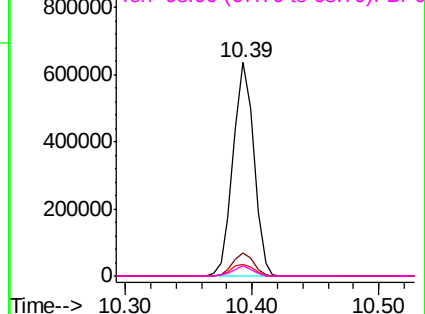


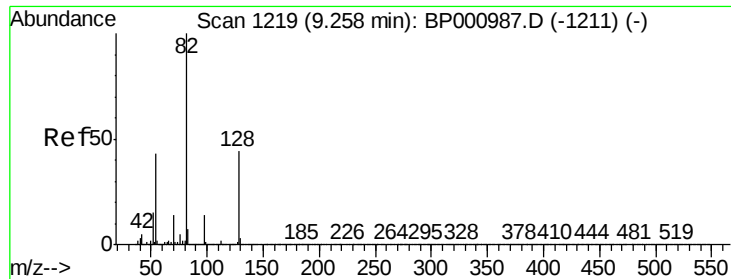
Abundance Ion 136.00 (135.70 to 136.70): E

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

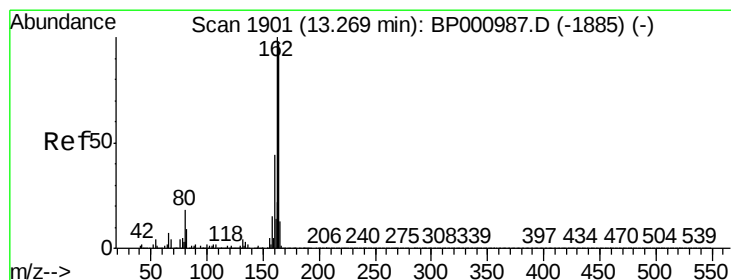
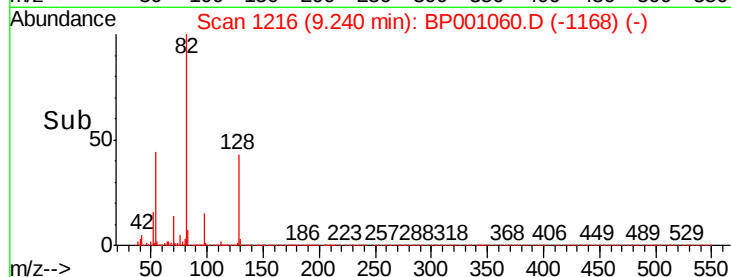
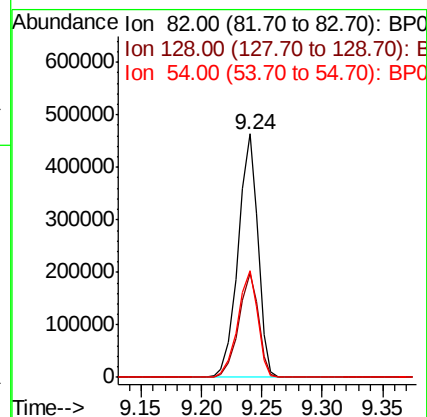
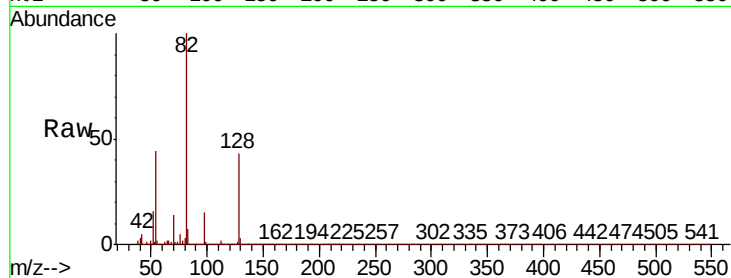




#23  
Nitrobenzene-d5  
Concen: 40.866 ng  
RT: 9.24 min Scan# 1216  
Delta R.T. -0.02 min  
Lab File: BP001060.D  
Acq: 16 Nov 2019 01:26

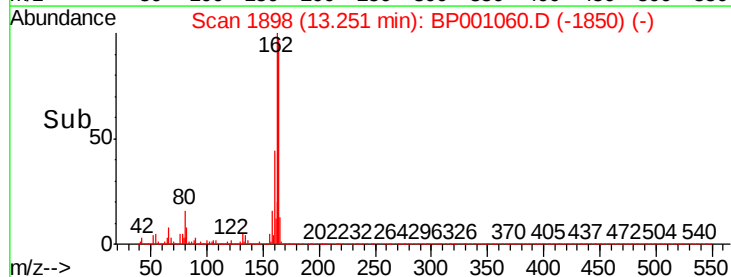
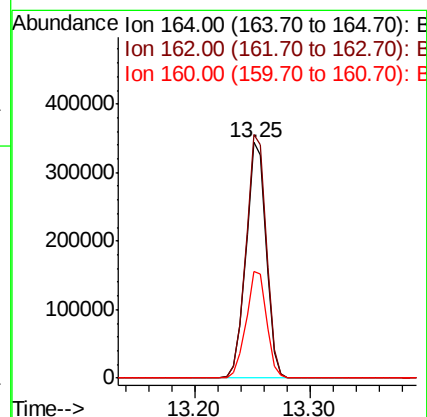
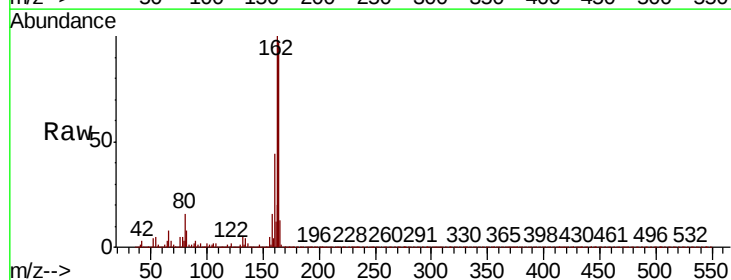
Instrument :  
BNA\_P  
ClientSampleId :  
5-(12-14)

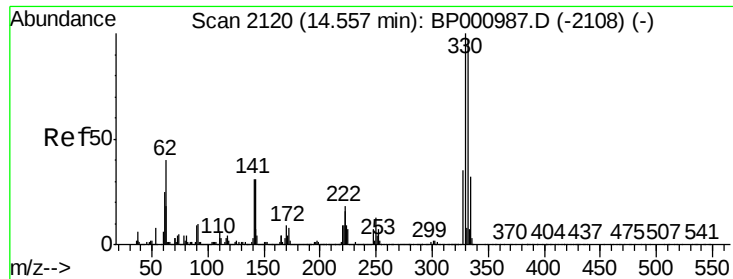
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 42.9  | 35.3  | 52.9  |
| 54      | 43.7  | 34.3  | 51.5  |



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 13.25 min Scan# 1898  
Delta R.T. -0.02 min  
Lab File: BP001060.D  
Acq: 16 Nov 2019 01:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 103.3 | 82.6  | 123.8 |
| 160     | 45.3  | 36.5  | 54.7  |

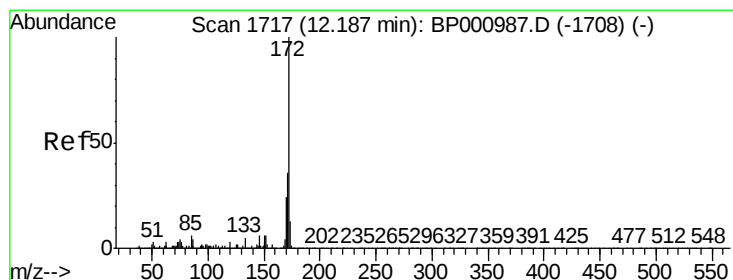
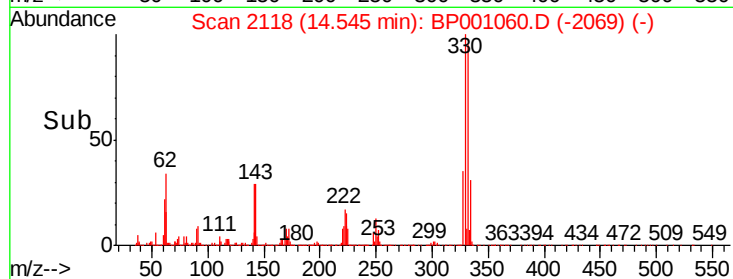
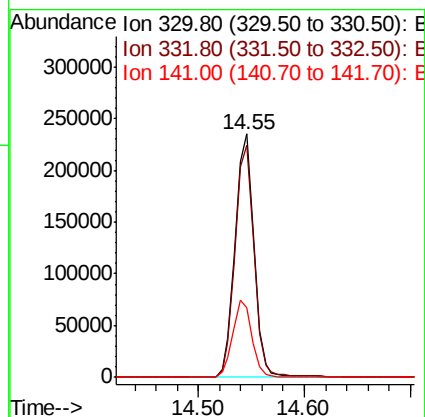
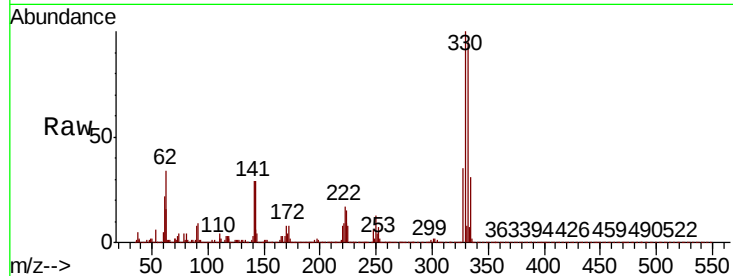




#42  
2,4,6-Tribromophenol  
Concen: 58.657 ng  
RT: 14.55 min Scan# 2118  
Delta R.T. -0.01 min  
Lab File: BP001060.D  
Acq: 16 Nov 2019 01:26

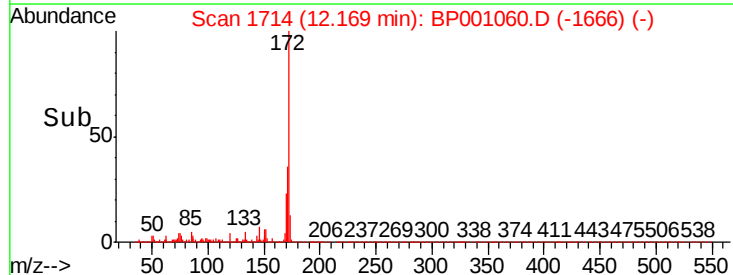
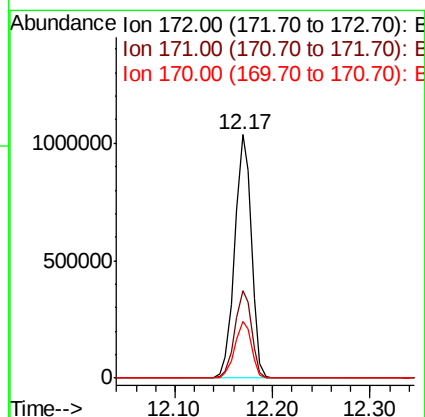
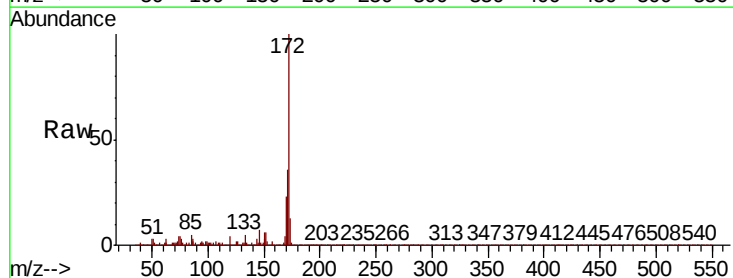
Instrument :  
BNA\_P  
ClientSampleId :  
5-(12-14)

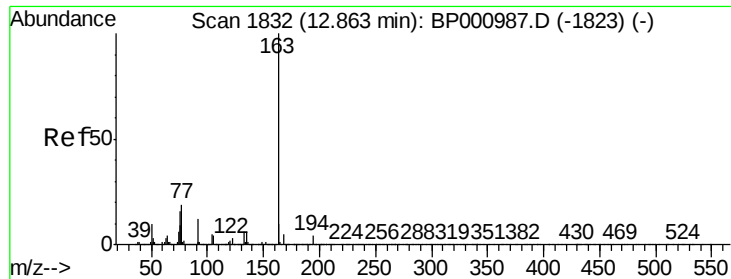
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.1  | 78.3  | 117.5 |
| 141     | 32.5  | 25.0  | 37.4  |



#45  
2-Fluorobiphenyl  
Concen: 44.585 ng  
RT: 12.17 min Scan# 1714  
Delta R.T. -0.02 min  
Lab File: BP001060.D  
Acq: 16 Nov 2019 01:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.0  | 28.5  | 42.7  |
| 170     | 23.3  | 18.9  | 28.3  |

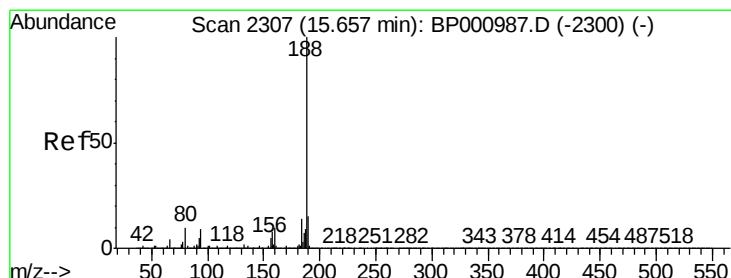
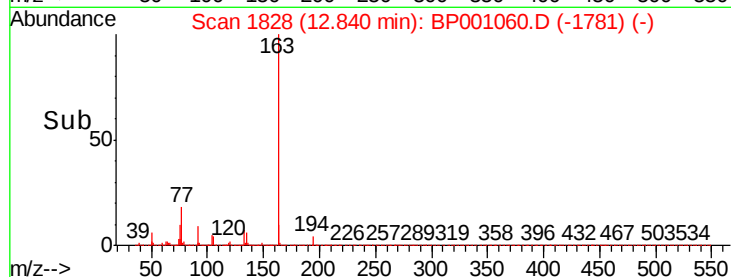
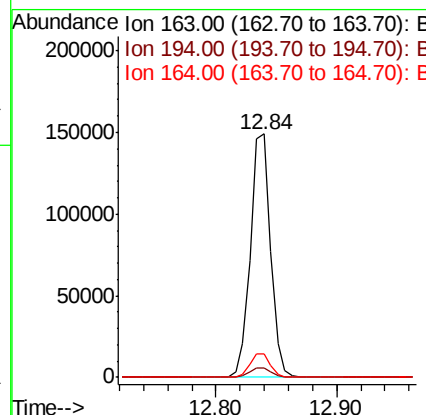
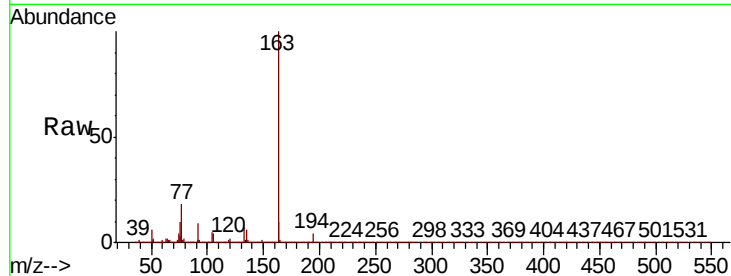




#50  
Dimethylphthalate  
Concen: 5.724 ng  
RT: 12.84 min Scan# 1828  
Delta R.T. -0.02 min  
Lab File: BP001060.D  
Acq: 16 Nov 2019 01:26

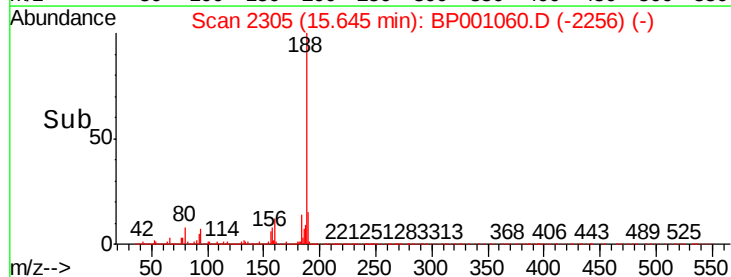
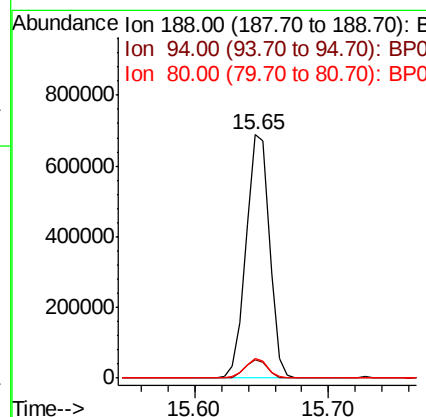
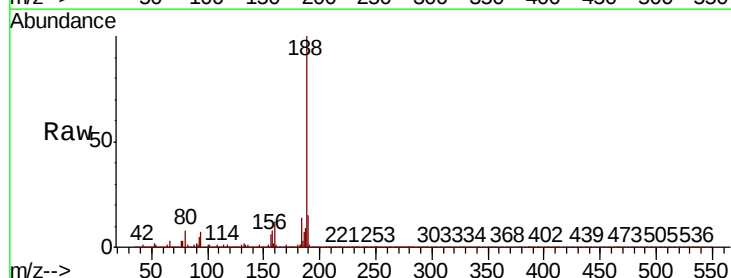
Instrument :  
BNA\_P  
ClientSampleId :  
5-(12-14)

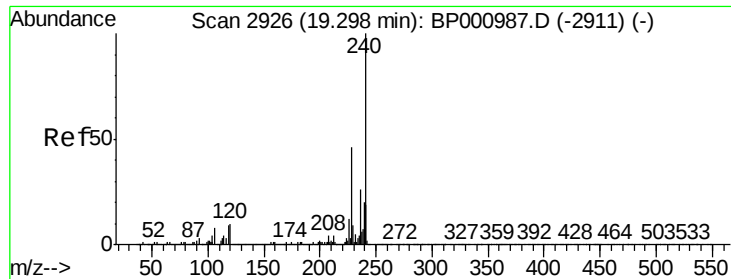
Tot Ion:163 Resp: 175693  
Ion Ratio Lower Upper  
163 100  
194 3.8 3.4 5.2  
164 9.8 7.9 11.9



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 15.65 min Scan# 2305  
Delta R.T. -0.01 min  
Lab File: BP001060.D  
Acq: 16 Nov 2019 01:26

Tgt Ion:188 Resp: 830515  
Ion Ratio Lower Upper  
188 100  
94 7.3 7.4 11.2#  
80 8.2 7.9 11.9

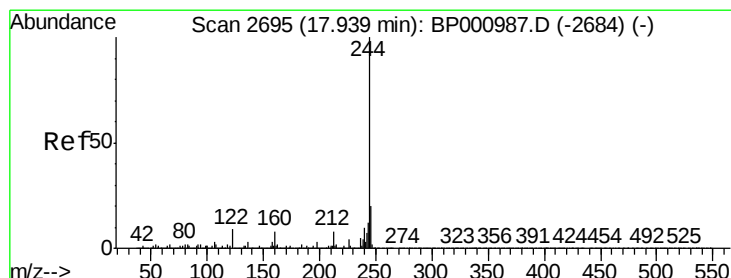
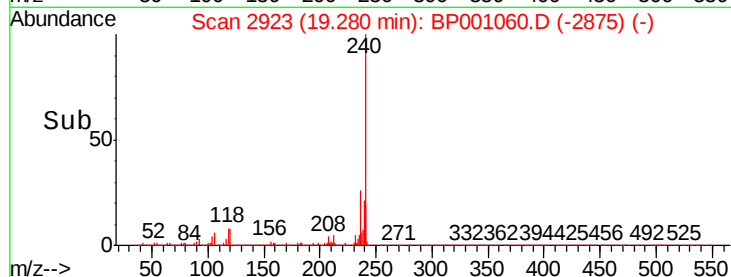
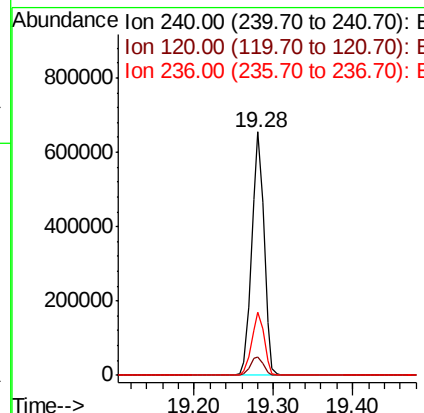
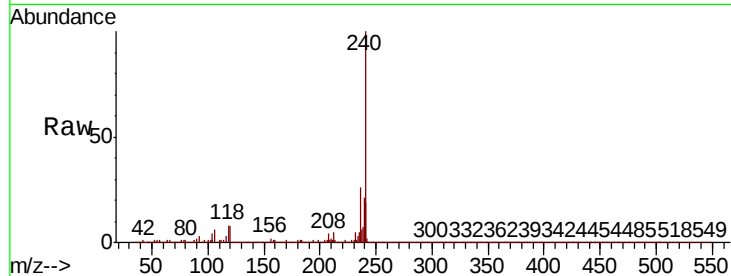




#76  
 Chrvsene-d12  
 Concen: 20.000 ng  
 RT: 19.28 min Scan# 2923  
 Delta R.T. -0.02 min  
 Lab File: BP001060.D  
 Acq: 16 Nov 2019 01:26

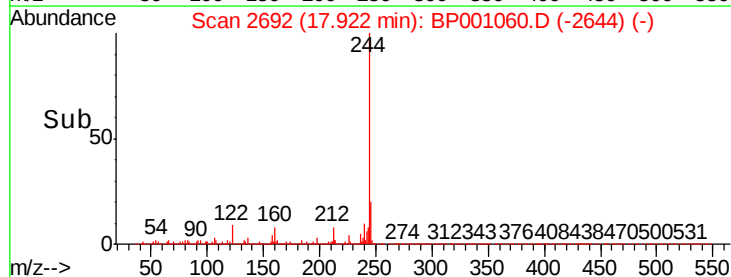
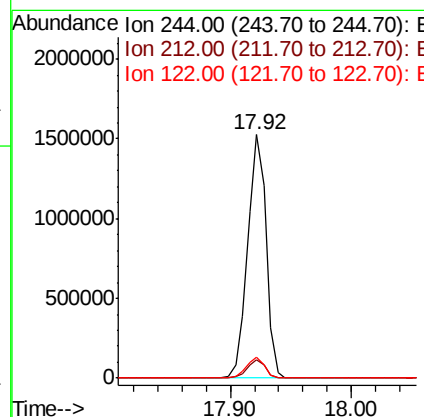
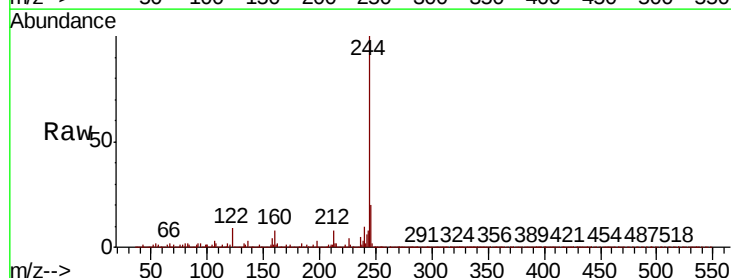
Instrument :  
 BNA\_P  
 ClientSampleId :  
 5-(12-14)

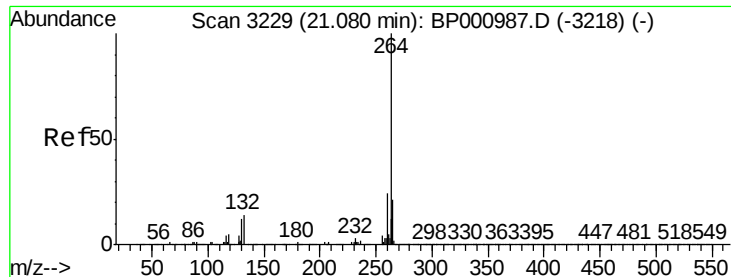
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 7.8   | 8.2   | 12.2# |
| 236     | 26.1  | 20.5  | 30.7  |



#79  
 Terphenyl-d14  
 Concen: 46.113 ng  
 RT: 17.92 min Scan# 2692  
 Delta R.T. -0.02 min  
 Lab File: BP001060.D  
 Acq: 16 Nov 2019 01:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.7   | 6.0   | 9.0   |
| 122     | 8.8   | 7.4   | 11.2  |





#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 21.06 min Scan# 3226  
Delta R.T. -0.02 min  
Lab File: BP001060.D  
Acq: 16 Nov 2019 01:26

Instrument :  
BNA\_P  
ClientSampleId :  
5-(12-14)

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.1  | 18.8  | 28.2  |
| 265     | 21.5  | 17.1  | 25.7  |

