

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP112719\  
 Data File : BP001096.D  
 Acq On : 27 Nov 2019 23:07  
 Operator : JU  
 Sample : PB125030BL  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :

Quant Time: Nov 28 03:00:50 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 27 17:38:46 2019  
 Response via : Initial Calibration

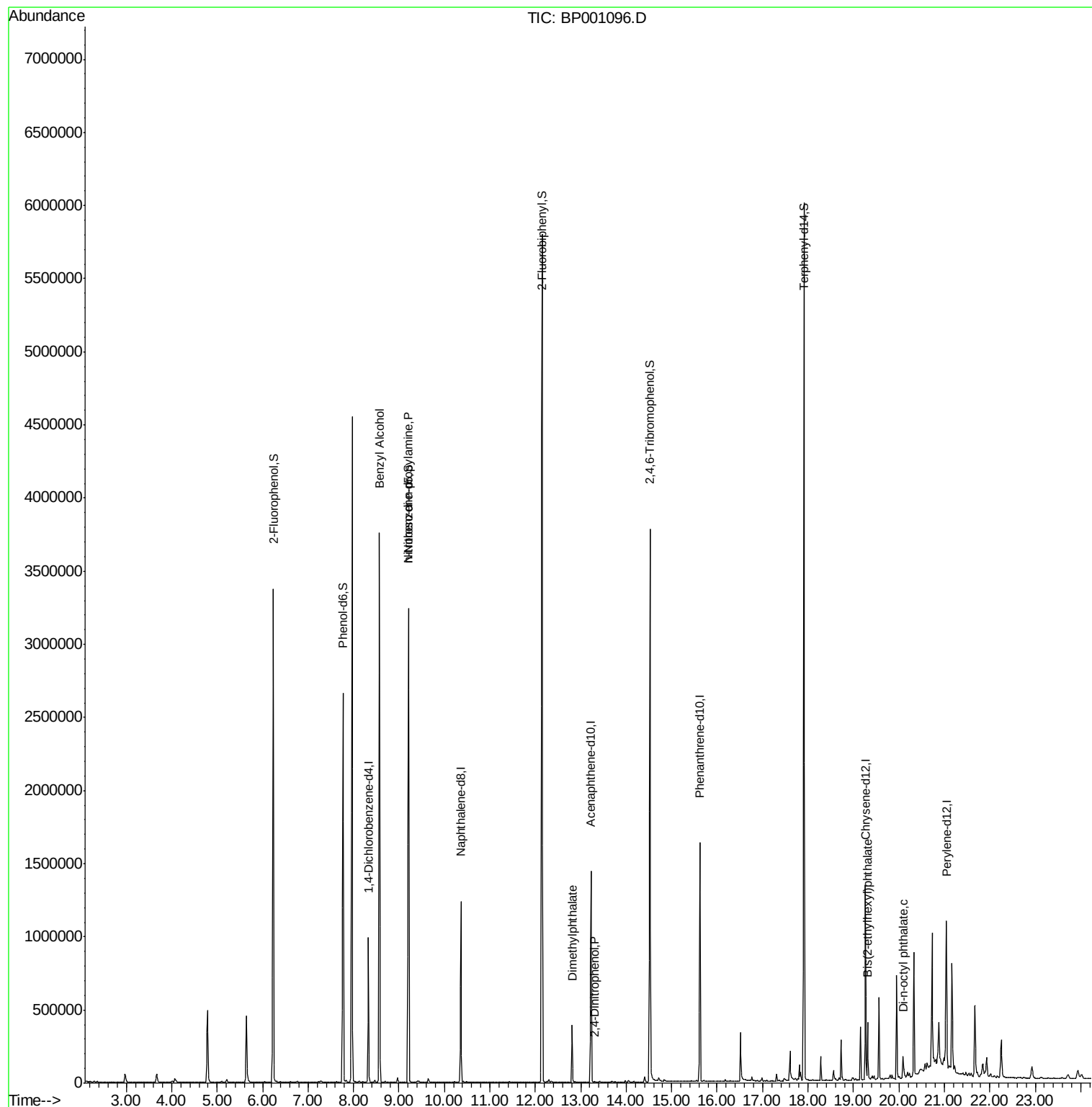
| Internal Standards             | R.T.  | QIon | Response | Conc      | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-----------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 8.33  | 152  | 173616   | 20.00     | ng    | 0.00     |
| 21) Naphthalene-d8             | 10.36 | 136  | 676988   | 20.00     | ng    | 0.00     |
| 39) Acenaphthene-d10           | 13.23 | 164  | 385280   | 20.00     | ng    | 0.00     |
| 64) Phenanthrene-d10           | 15.62 | 188  | 733674   | 20.00     | ng    | 0.00     |
| 76) Chrysene-d12               | 19.26 | 240  | 513498   | 20.00     | ng    | -0.01    |
| 87) Perylene-d12               | 21.04 | 264  | 499970   | 20.00     | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |           |       |          |
| 5) 2-Fluorophenol              | 6.23  | 112  | 1119695  | 107.00    | ng    | 0.00     |
| 7) Phenol-d6                   | 7.77  | 99   | 1039989  | 74.60     | ng    | 0.00     |
| 23) Nitrobenzene-d5            | 9.21  | 82   | 1479407  | 94.81     | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol       | 14.52 | 330  | 541164   | 146.54    | ng    | 0.00     |
| 45) 2-Fluorobiphenyl           | 12.15 | 172  | 2396299  | 91.03     | ng    | 0.00     |
| 79) Terphenyl-d14              | 17.92 | 244  | 2661728  | 95.90     | ng    | 0.00     |
| Target Compounds               |       |      |          |           |       |          |
| 9) Benzaldehyde                | 7.63  | 77   | 1815     | Below Cal |       | 95       |
| 15) Benzyl Alcohol             | 8.57  | 79   | 25967    | 2.269 ng  | #     | 54       |
| 19) n-Nitroso-di-n-propylamine | 9.21  | 70   | 203446   | 20.223 ng | #     | 80       |
| 50) Dimethylphthalate          | 12.81 | 163  | 168614   | 5.852 ng  |       | 99       |
| 54) 2,4-Dinitrophenol          | 13.32 | 184  | 10       | 7.113 ng  | #     | 53       |
| 84) Bis(2-ethylhexyl)phthalate | 19.31 | 149  | 134732   | 5.246 ng  |       | 99       |
| 85) Di-n-octyl phthalate       | 20.09 | 149  | 99182    | 2.174 ng  | #     | 88       |

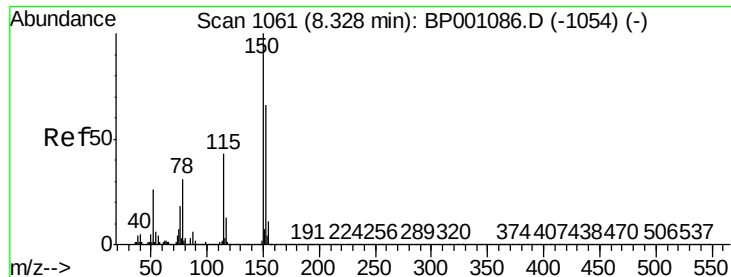
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP112719\  
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Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :

Quant Time: Nov 28 03:00:50 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Nov 27 17:38:46 2019  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.33 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BP001096.D

Acq: 27 Nov 2019 23:07

Instrument :

BNA\_P

ClientSampleId :

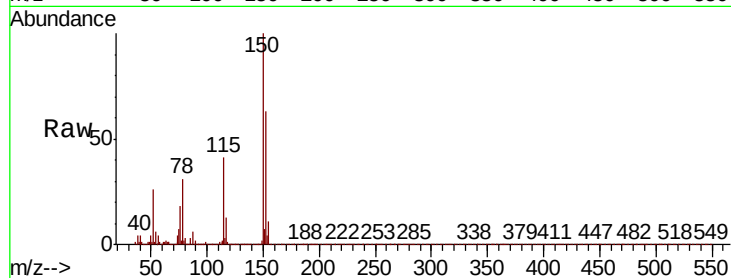
Tot Ion:152 Resp: 173616

Ion Ratio Lower Upper

152 100

150 159.8 120.6 181.0

115 65.3 51.6 77.4

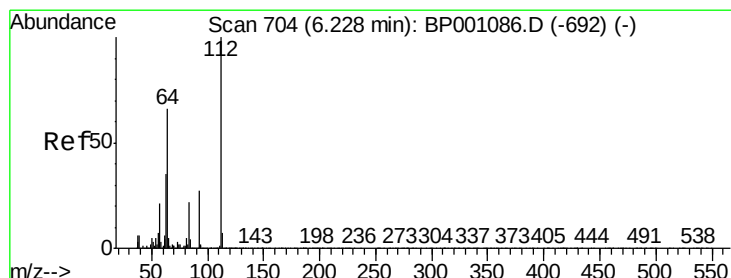
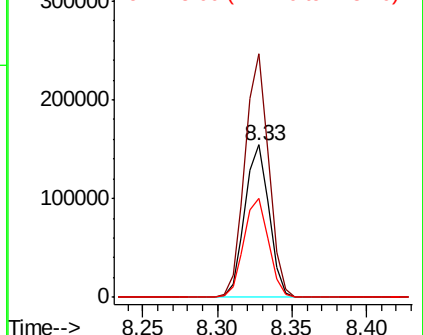
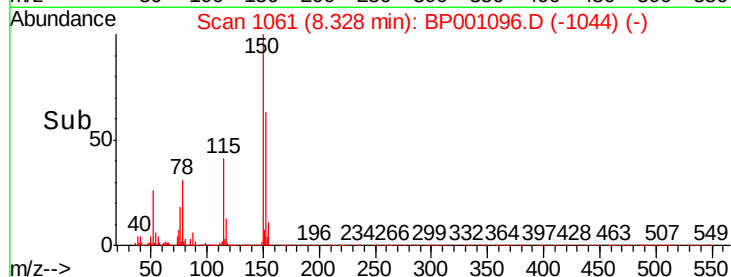


Abundance

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: 106.999 ng

RT: 6.23 min Scan# 705

Delta R.T. 0.01 min

Lab File: BP001096.D

Acq: 27 Nov 2019 23:07

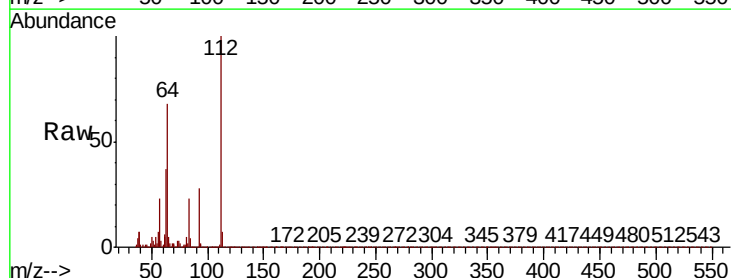
Tgt Ion:112 Resp: 1119695

Ion Ratio Lower Upper

112 100

64 68.2 52.8 79.2

63 37.2 28.2 42.2

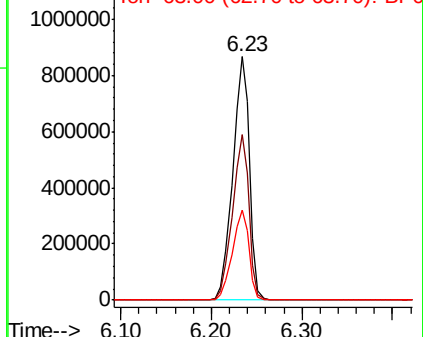
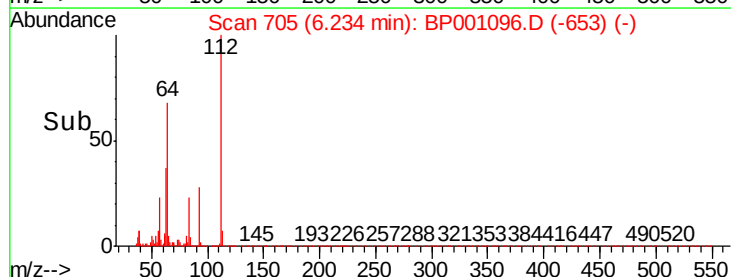


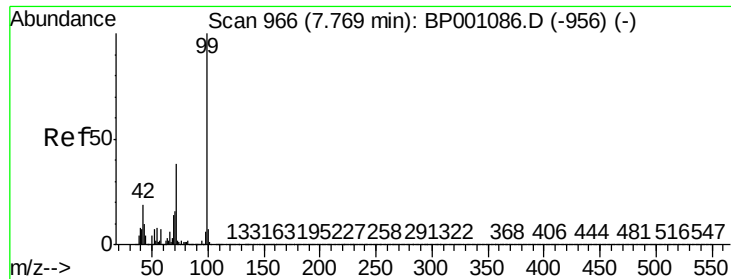
Abundance

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: 74.597 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BP001096.D

Acq: 27 Nov 2019 23:07

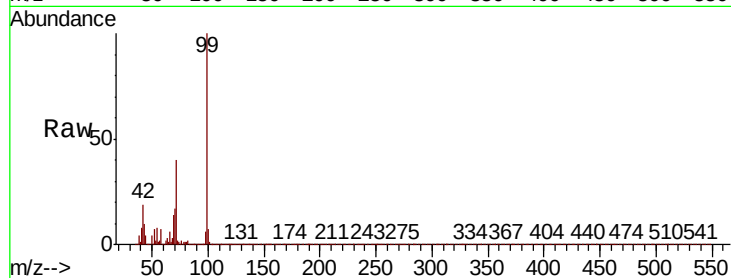
Instrument :

BNA\_P

ClientSampled :

Tot Ion: 99 Resp: 1039989

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 19.4  | 15.4  | 23.0  |
| 71  | 39.8  | 30.8  | 46.2  |

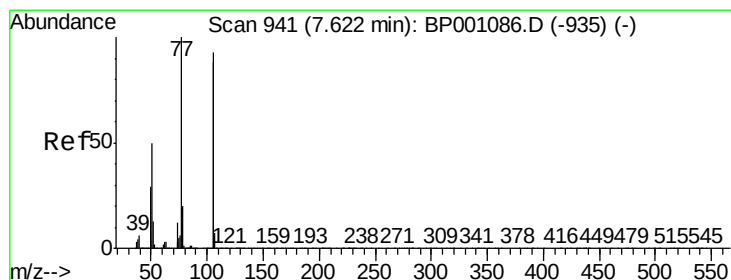
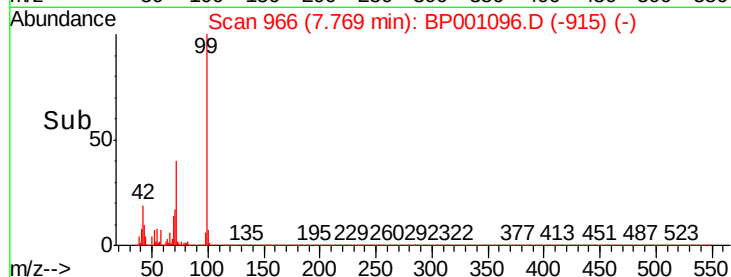
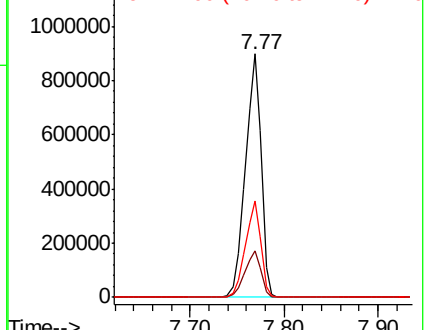


Abundance

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



#9

Benzaldehyde

Concen: Below Cal

RT: 7.63 min Scan# 942

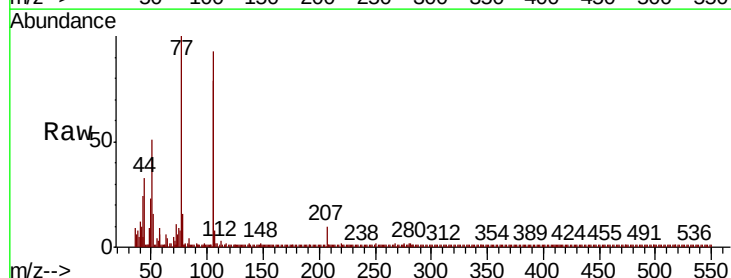
Delta R.T. 0.01 min

Lab File: BP001096.D

Acq: 27 Nov 2019 23:07

Tgt Ion: 77 Resp: 1815

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 105 | 93.0  | 72.5  | 112.5 |
| 106 | 79.4  | 67.6  | 107.6 |

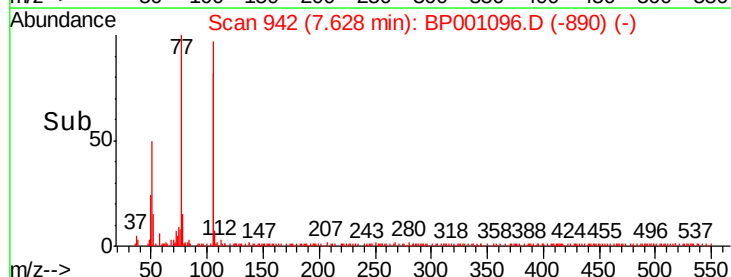
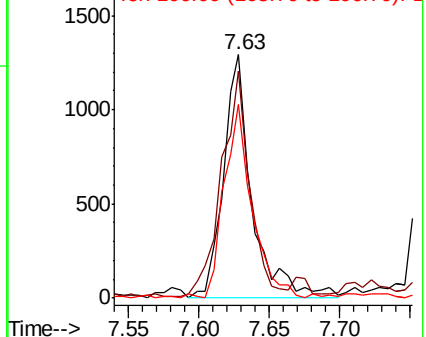


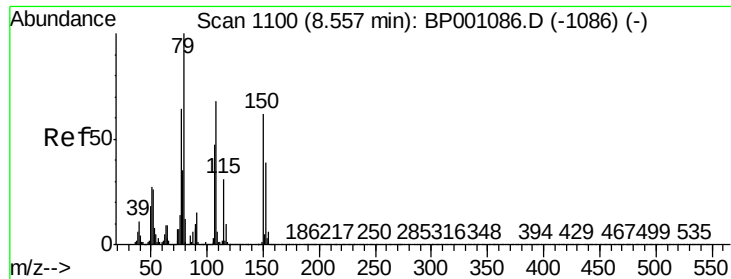
Abundance

Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

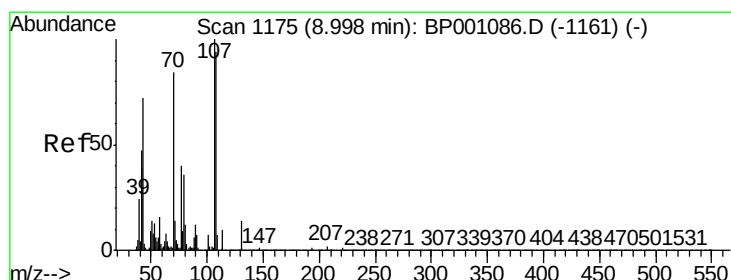
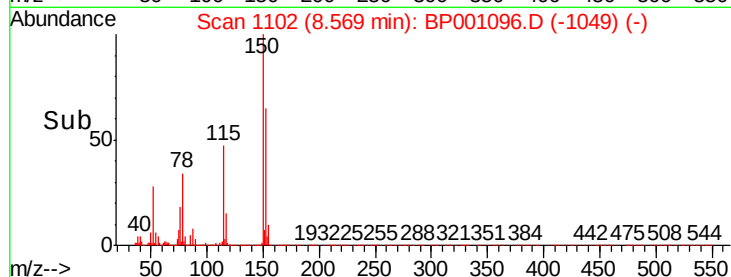
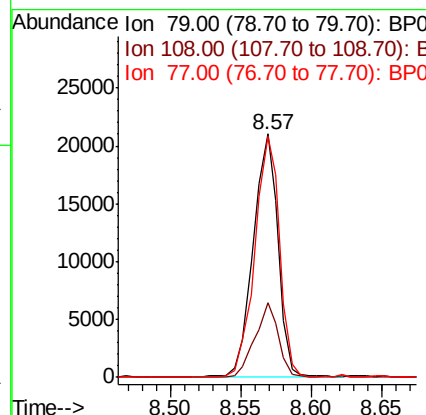
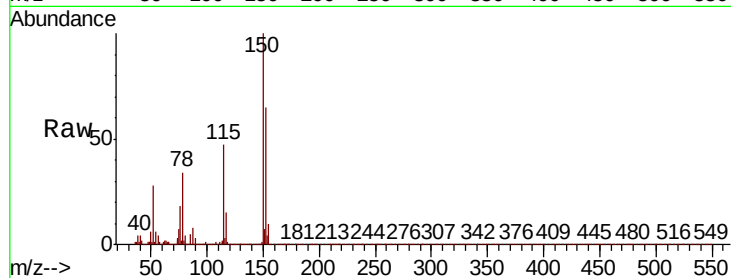




#15  
Benzyl Alcohol  
Concen: 2.269 ng  
RT: 8.57 min Scan# 1102  
Delta R.T. 0.01 min  
Lab File: BP001096.D  
Acq: 27 Nov 2019 23:07

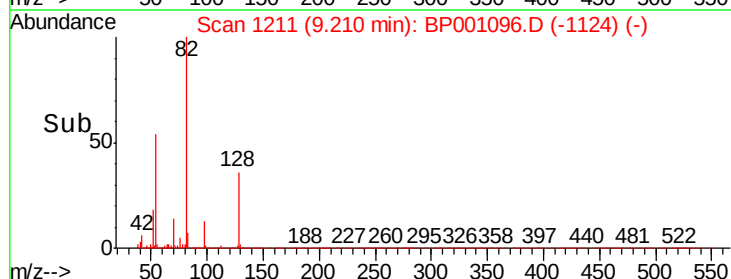
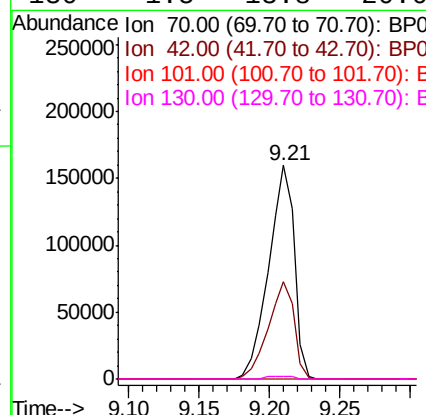
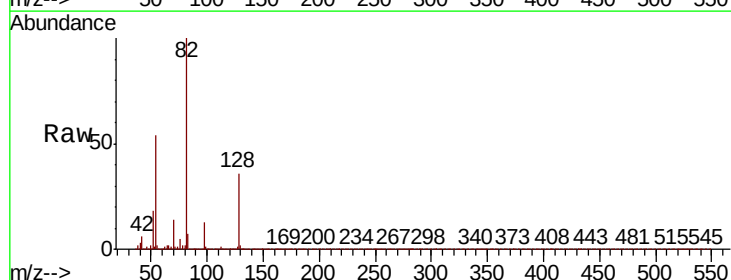
Instrument :  
BNA\_P  
ClientSampled :

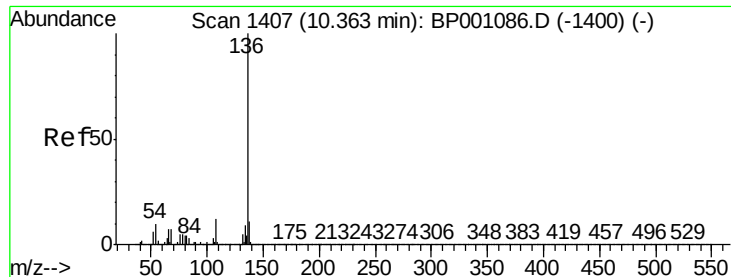
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 30.4  | 54.8  | 82.2# |
| 77      | 99.1  | 51.4  | 77.2# |



#19  
n-Nitroso-di-n-propylamine  
Concen: 20.223 ng  
RT: 9.21 min Scan# 1211  
Delta R.T. 0.21 min  
Lab File: BP001096.D  
Acq: 27 Nov 2019 23:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 45.5  | 44.6  | 66.8  |
| 101     | 0.0   | 7.1   | 10.7# |
| 130     | 1.5   | 13.8  | 20.6# |

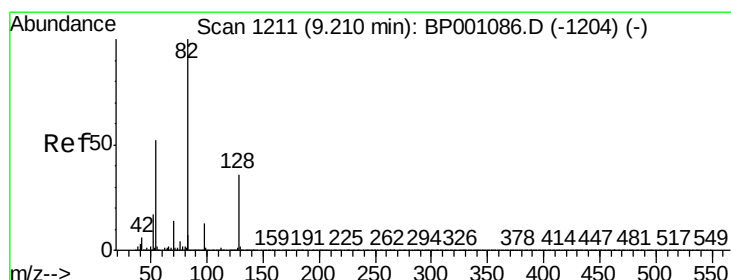
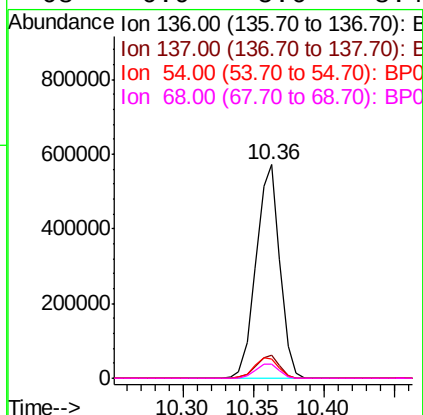
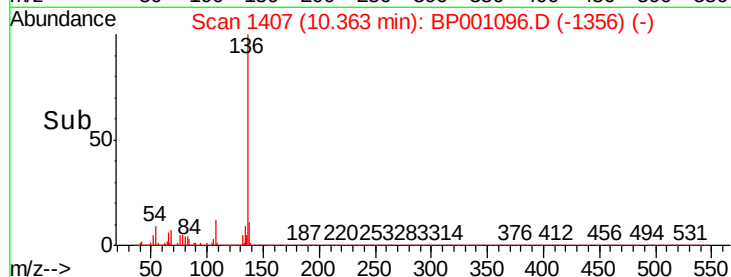
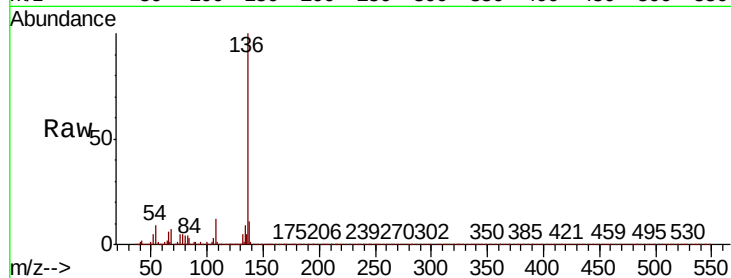




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.36 min Scan# 1407  
Delta R.T. 0.00 min  
Lab File: BP001096.D  
Acq: 27 Nov 2019 23:07

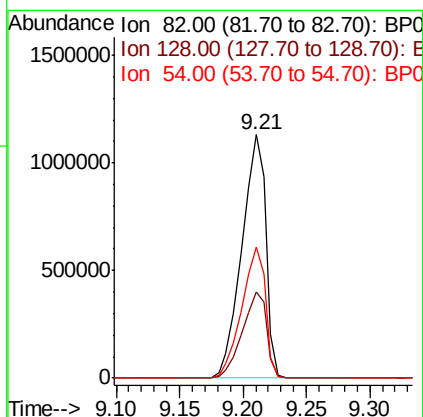
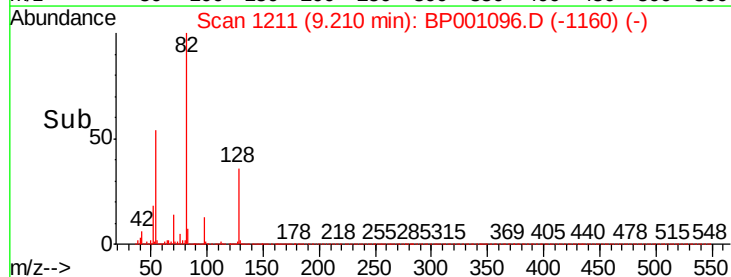
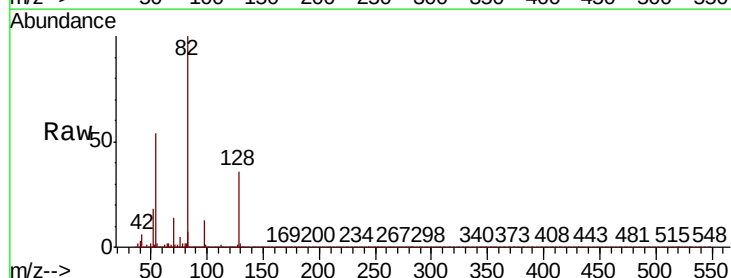
Instrument :  
BNA\_P  
ClientSampleId :

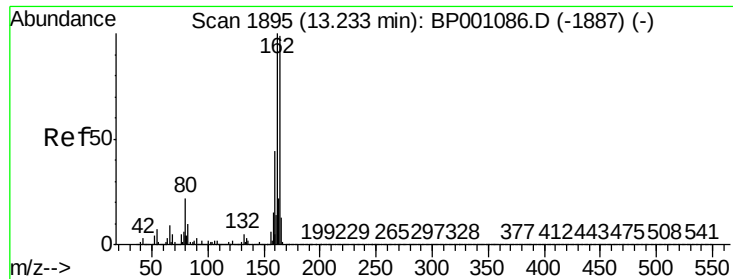
|             |              |
|-------------|--------------|
| Tot Ion:136 | Resp: 676988 |
| Ion Ratio   | Lower Upper  |
| 136 100     |              |
| 137 11.0    | 8.8 13.2     |
| 54 9.3      | 7.9 11.9     |
| 68 6.9      | 5.6 8.4      |



#23  
Nitrobenzene-d5  
Concen: 94.810 ng  
RT: 9.21 min Scan# 1211  
Delta R.T. 0.00 min  
Lab File: BP001096.D  
Acq: 27 Nov 2019 23:07

|             |               |
|-------------|---------------|
| Tgt Ion: 82 | Resp: 1479407 |
| Ion Ratio   | Lower Upper   |
| 82 100      |               |
| 128 35.6    | 28.9 43.3     |
| 54 53.7     | 41.9 62.9     |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.23 min Scan# 1894

Delta R.T. -0.01 min

Lab File: BP001096.D

Acq: 27 Nov 2019 23:07

Instrument :

BNA\_P

ClientSampleId :

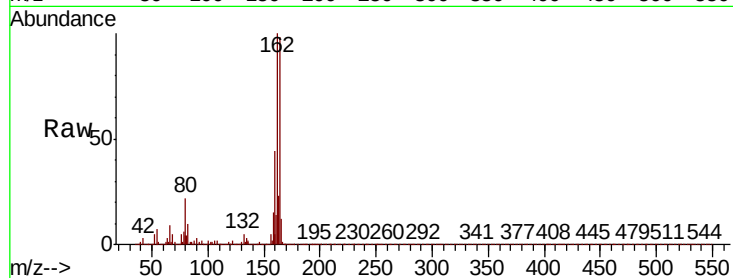
Tot Ion:164 Resp: 385280

Ion Ratio Lower Upper

164 100

162 102.2 80.6 120.8

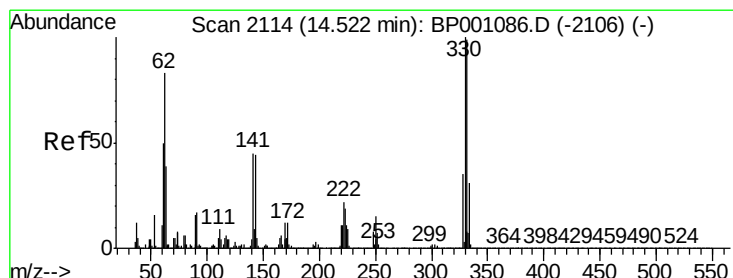
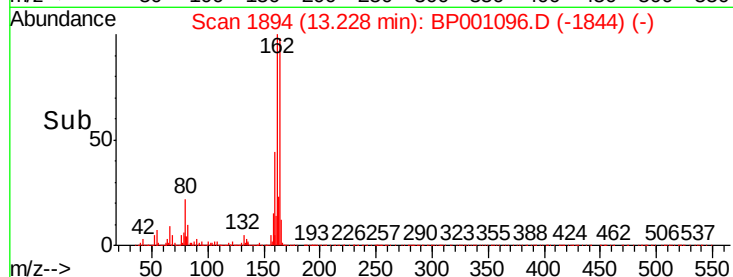
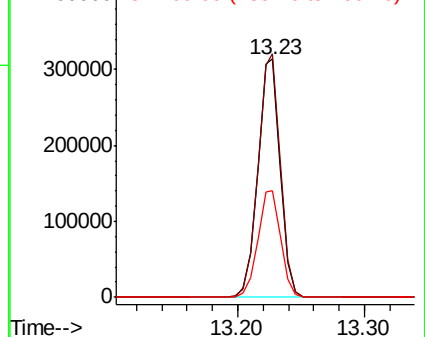
160 45.0 35.4 53.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 146.541 ng

RT: 14.52 min Scan# 2114

Delta R.T. 0.00 min

Lab File: BP001096.D

Acq: 27 Nov 2019 23:07

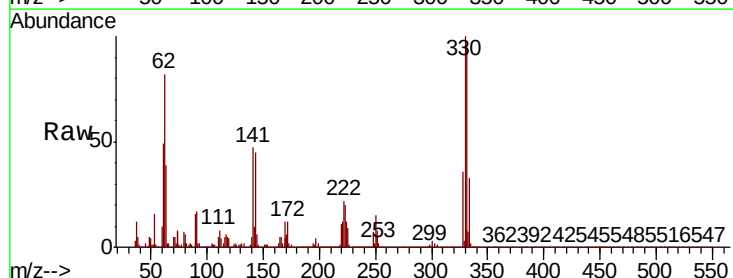
Tgt Ion:330 Resp: 541164

Ion Ratio Lower Upper

330 100

332 96.2 77.6 116.4

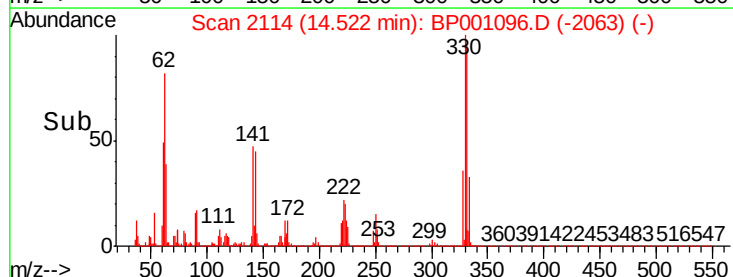
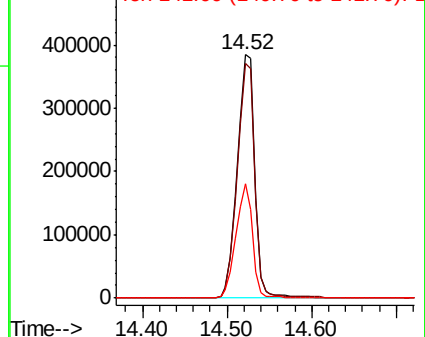
141 44.3 34.2 51.2

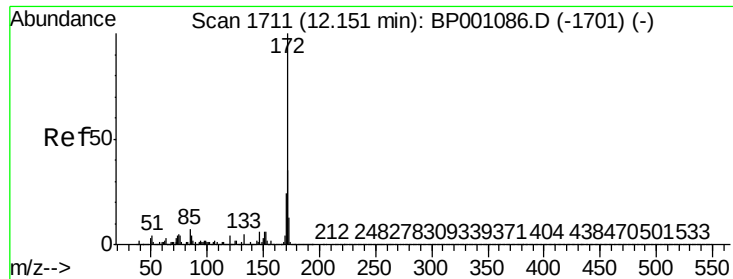


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

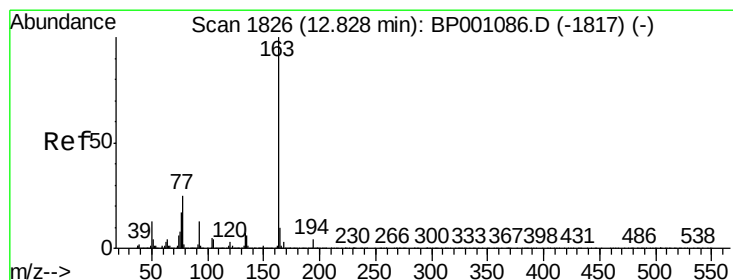
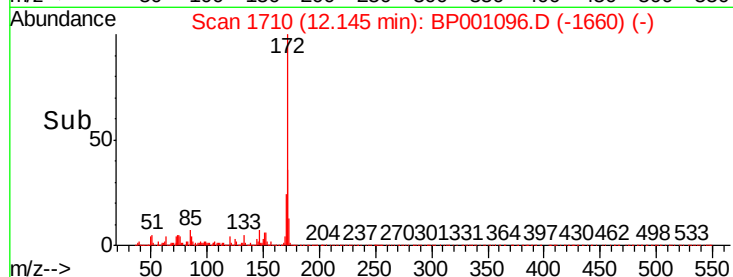
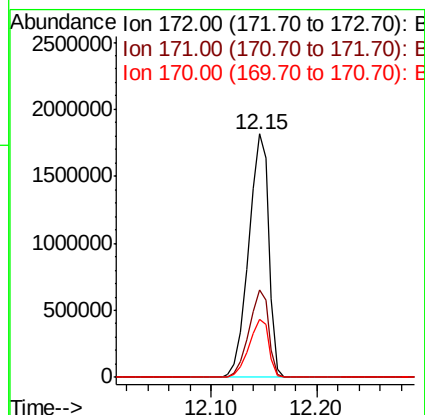
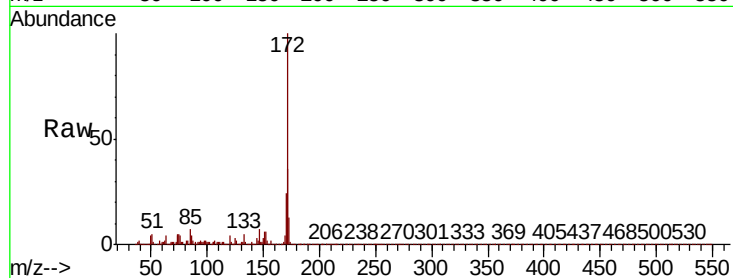




#45  
2-Fluorobiphenyl  
Concen: 91.029 ng  
RT: 12.15 min Scan# 1710  
Delta R.T. -0.01 min  
Lab File: BP001096.D  
Acq: 27 Nov 2019 23:07

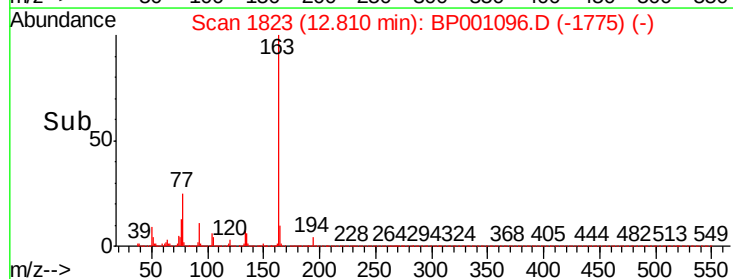
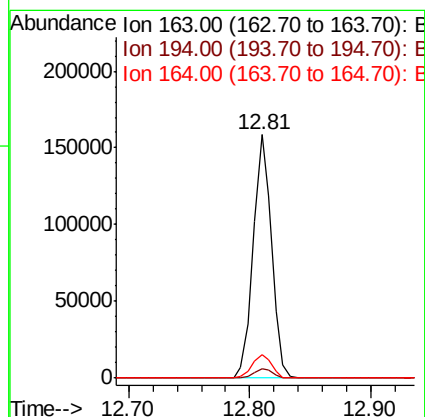
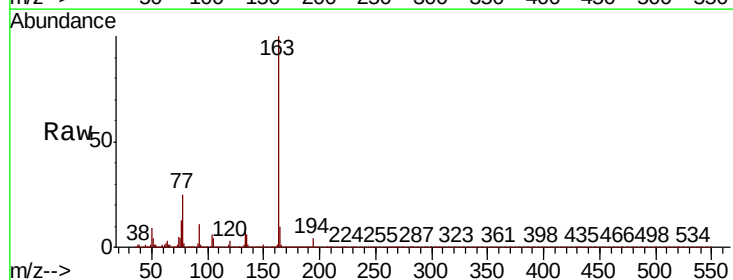
Instrument :  
BNA\_P  
ClientSampled :

Tot Ion:172 Resp: 2396299  
Ion Ratio Lower Upper  
172 100  
171 35.8 27.9 41.9  
170 23.9 19.0 28.4

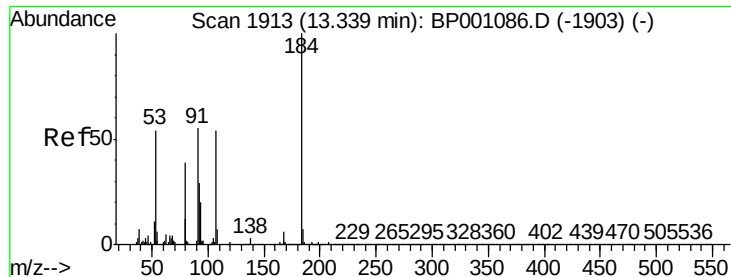


#50  
Dimethylphthalate  
Concen: 5.852 ng  
RT: 12.81 min Scan# 1823  
Delta R.T. -0.02 min  
Lab File: BP001096.D  
Acq: 27 Nov 2019 23:07

Tgt Ion:163 Resp: 168614  
Ion Ratio Lower Upper  
163 100  
194 3.8 3.1 4.7  
164 9.8 8.1 12.1



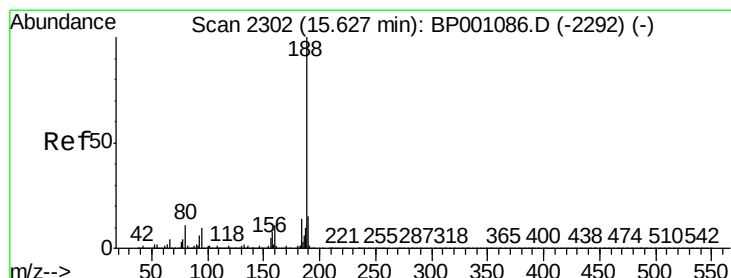
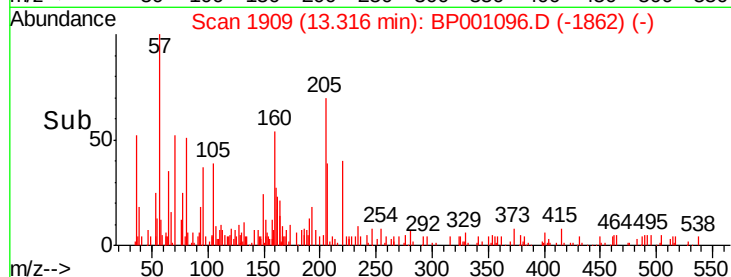
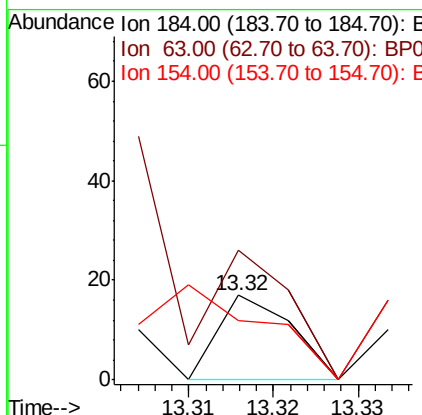
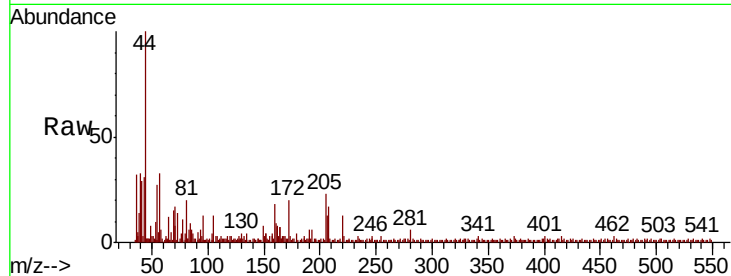




#54  
2,4-Dinitrophenol  
Concen: 7.113 ng  
RT: 13.32 min Scan# 1909  
Delta R.T. -0.02 min  
Lab File: BP001096.D  
Acq: 27 Nov 2019 23:07

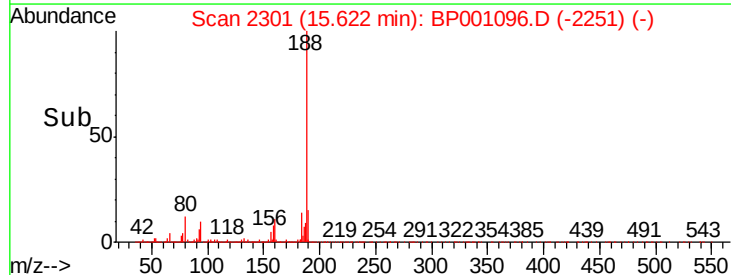
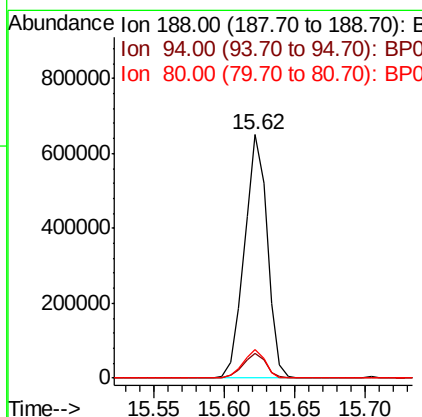
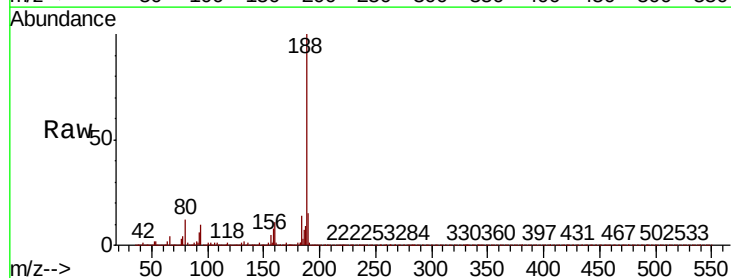
Instrument :  
BNA\_P  
ClientSampled :

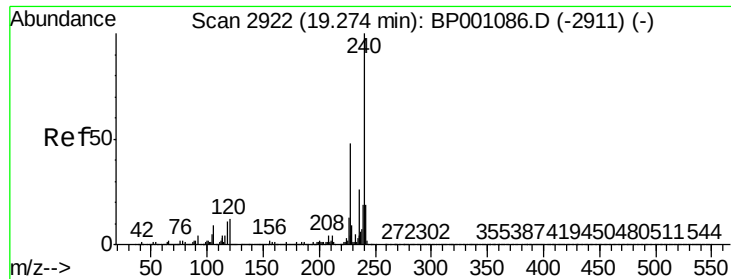
Tot Ion:184 Resp: 10  
Ion Ratio Lower Upper  
184 100  
63 152.9 60.7 91.1#  
154 70.6 56.2 84.2



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 15.62 min Scan# 2301  
Delta R.T. -0.01 min  
Lab File: BP001096.D  
Acq: 27 Nov 2019 23:07

Tgt Ion:188 Resp: 733674  
Ion Ratio Lower Upper  
188 100  
94 10.0 7.9 11.9  
80 11.6 8.8 13.2

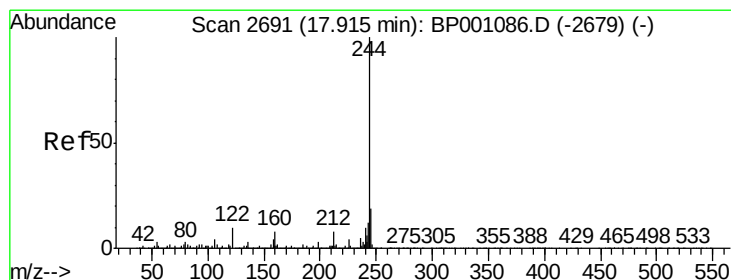
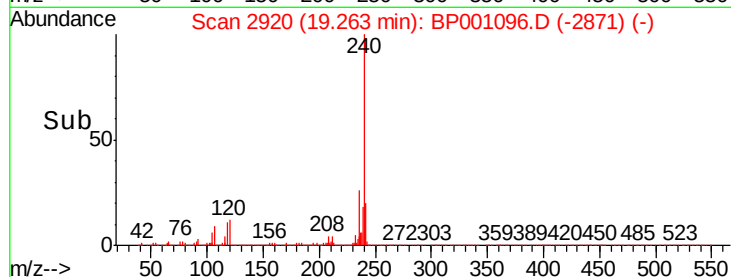
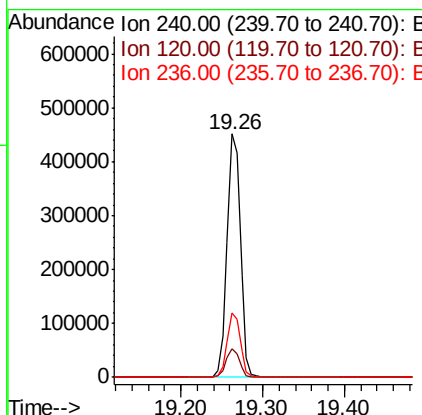
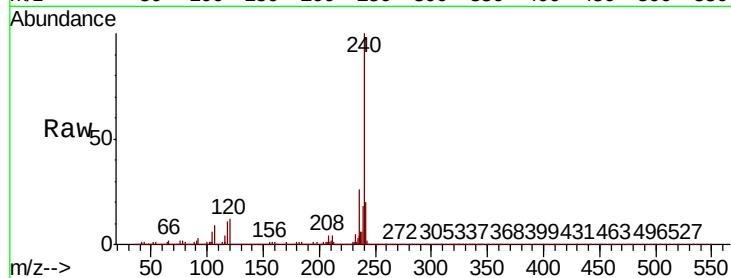




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 19.26 min Scan# 2920  
Delta R.T. -0.01 min  
Lab File: BP001096.D  
Acq: 27 Nov 2019 23:07

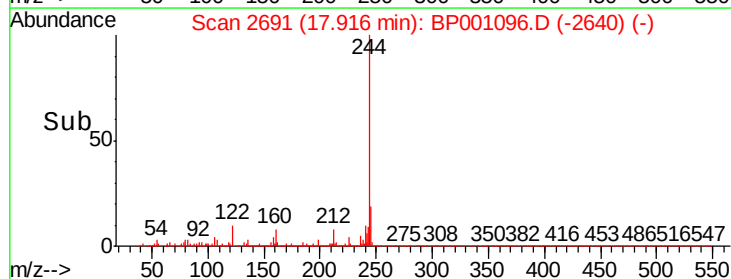
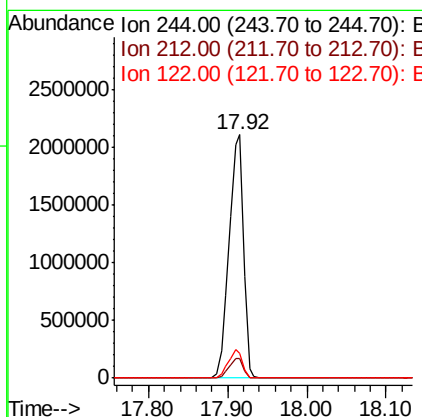
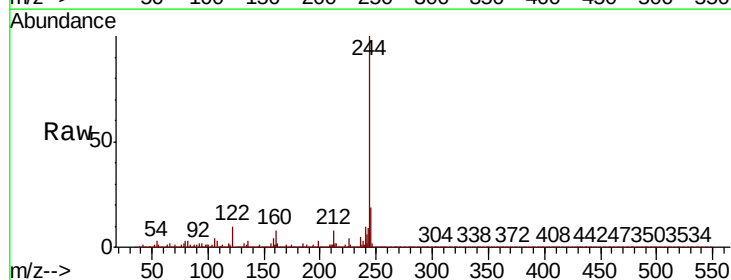
Instrument :  
BNA\_P  
ClientSampleId :

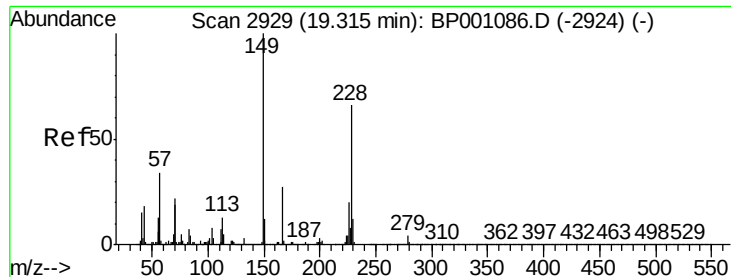
Tot Ion:240 Resp: 513498  
Ion Ratio Lower Upper  
240 100  
120 11.6 9.5 14.3  
236 26.4 20.4 30.6



#79  
Terphenyl-d14  
Concen: 95.900 ng  
RT: 17.92 min Scan# 2691  
Delta R.T. 0.00 min  
Lab File: BP001096.D  
Acq: 27 Nov 2019 23:07

Tgt Ion:244 Resp: 2661728  
Ion Ratio Lower Upper  
244 100  
212 7.8 6.2 9.2  
122 10.4 8.2 12.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 5.246 ng

RT: 19.31 min Scan# 2928

Delta R.T. -0.01 min

Lab File: BP001096.D

Acq: 27 Nov 2019 23:07

Instrument :

BNA\_P

ClientSampled :

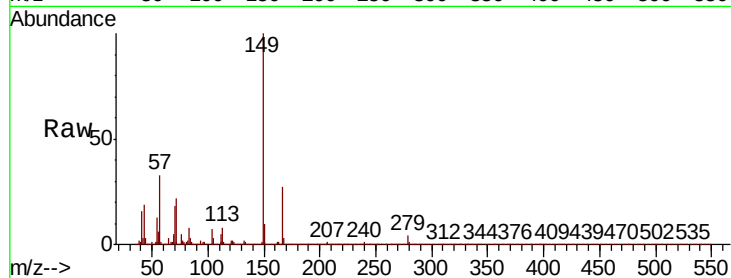
Tot Ion:149 Resp: 134732

Ion Ratio Lower Upper

149 100

167 26.9 21.3 31.9

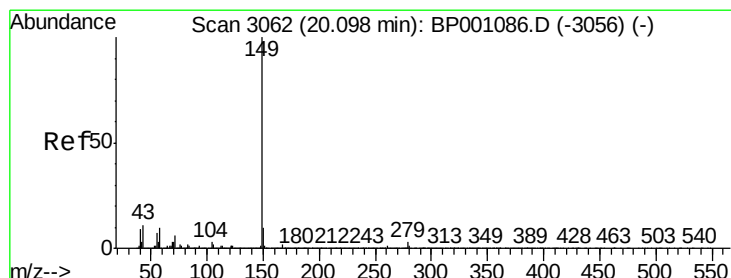
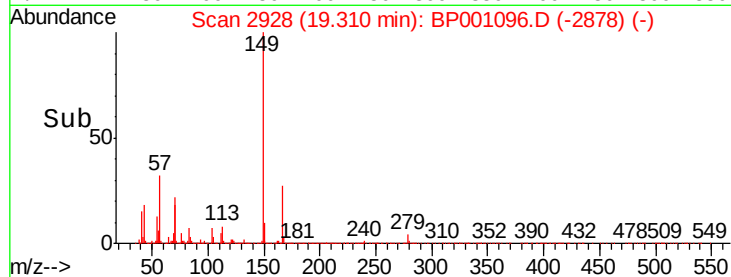
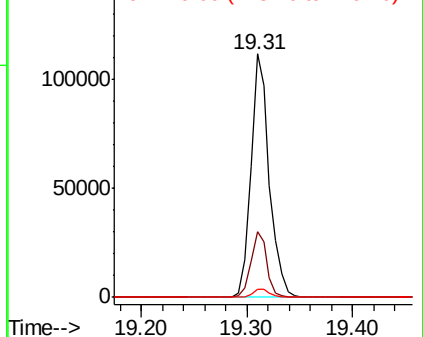
279 3.5 2.8 4.2



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



#85

Di-n-octyl phthalate

Concen: 2.174 ng

RT: 20.09 min Scan# 3061

Delta R.T. -0.01 min

Lab File: BP001096.D

Acq: 27 Nov 2019 23:07

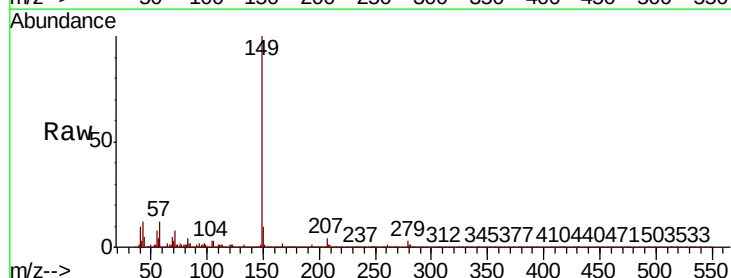
Tgt Ion:149 Resp: 99182

Ion Ratio Lower Upper

149 100

167 1.8 1.2 1.8#

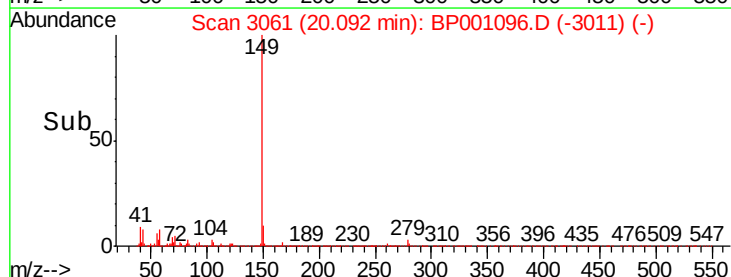
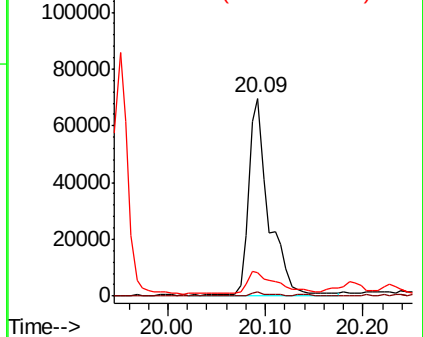
43 15.7 8.5 12.7#

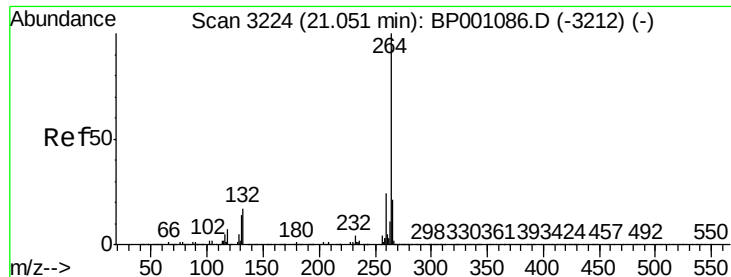


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BPO





#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 21.04 min Scan# 3223  
Delta R.T. -0.01 min  
Lab File: BP001096.D  
Acq: 27 Nov 2019 23:07

Instrument :  
BNA\_P  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.1  | 18.8  | 28.2  |
| 265     | 21.2  | 16.9  | 25.3  |

