

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120619\  
 Data File : BP001238.D  
 Acq On : 06 Dec 2019 19:23  
 Operator : JU  
 Sample : K6119-01  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SB-3-(0-2)

Quant Time: Dec 07 02:40:47 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 05 12:34:47 2019  
 Response via : Initial Calibration

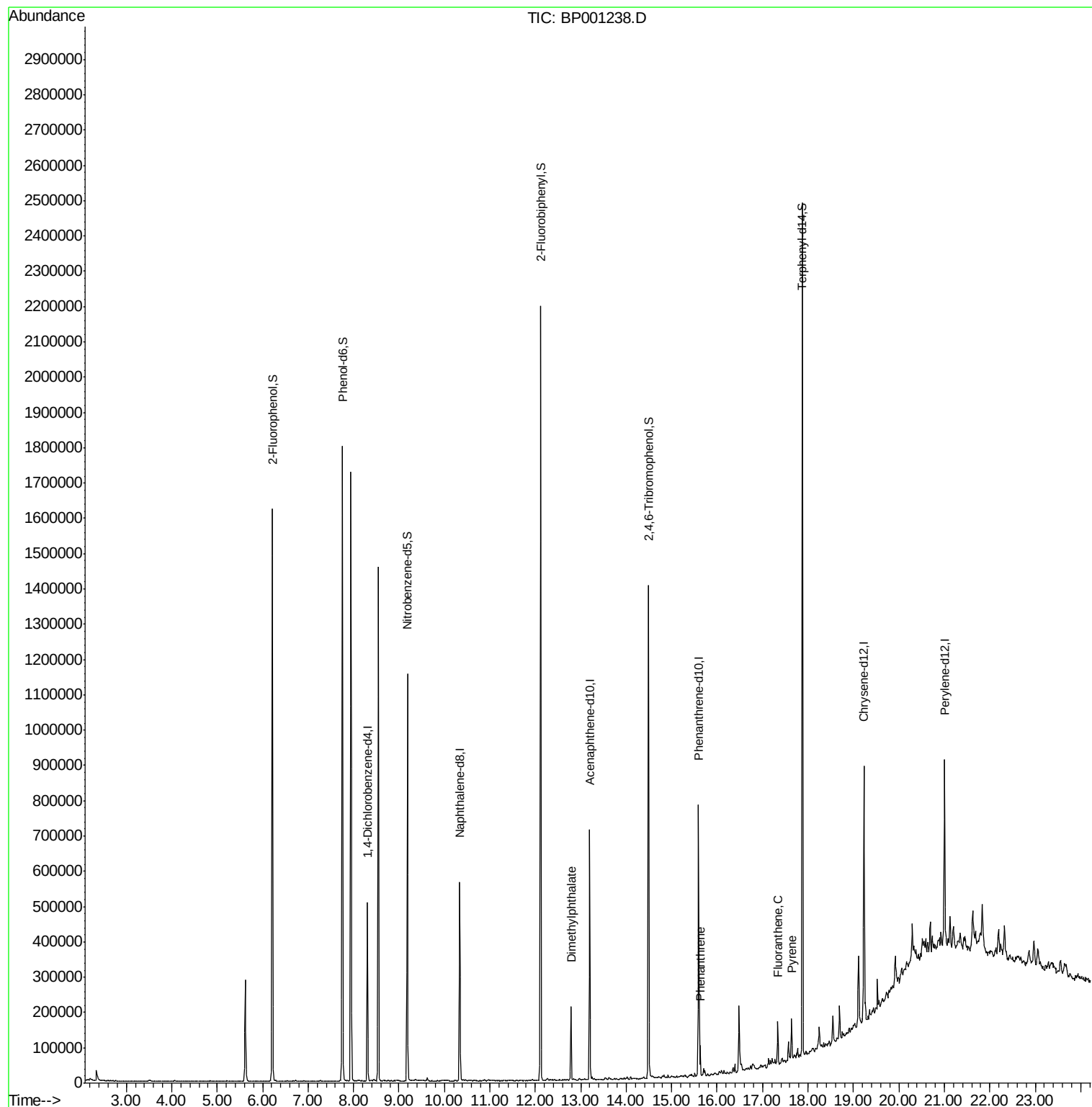
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.30  | 152  | 83169    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.34 | 136  | 302802   | 20.00  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 13.20 | 164  | 175810   | 20.00  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 15.59 | 188  | 336647   | 20.00  | ng    | -0.02    |
| 76) Chrysene-d12            | 19.23 | 240  | 252308   | 20.00  | ng    | -0.02    |
| 87) Perylene-d12            | 21.00 | 264  | 269616   | 20.00  | ng    | -0.02    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 6.22  | 112  | 494479   | 98.64  | ng    | 0.00     |
| 7) Phenol-d6                | 7.76  | 99   | 673908   | 100.91 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.19  | 82   | 471215   | 67.52  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 14.49 | 330  | 186992   | 110.97 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 12.12 | 172  | 817139   | 68.02  | ng    | -0.02    |
| 79) Terphenyl-d14           | 17.87 | 244  | 958883   | 70.31  | ng    | -0.02    |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 50) Dimethylphthalate       | 12.79 | 163  | 89482    | 6.805  | ng    | 98       |
| 71) Phenanthrene            | 15.63 | 178  | 35765    | 2.021  | ng    | 98       |
| 75) Fluoranthene            | 17.33 | 202  | 54572    | 2.913  | ng    | 97       |
| 78) Pyrene                  | 17.64 | 202  | 48833    | 2.457  | ng    | # 95     |

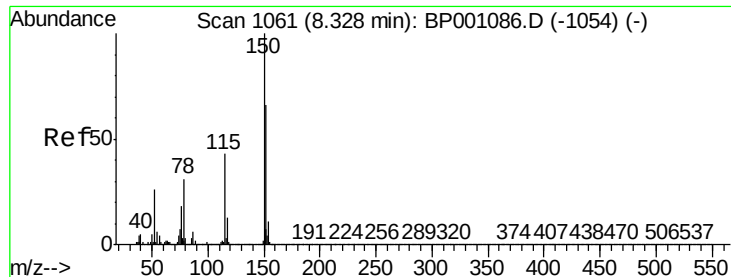
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120619\  
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Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
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SB-3-(0-2)

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QLast Update : Thu Dec 05 12:34:47 2019  
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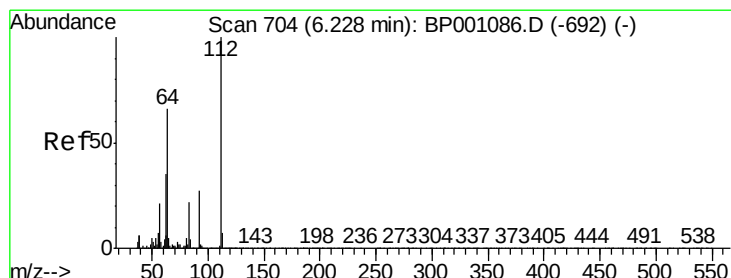
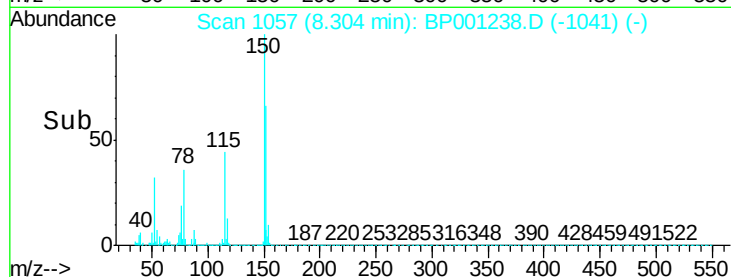
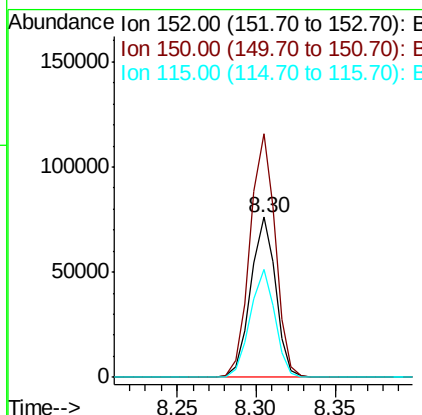
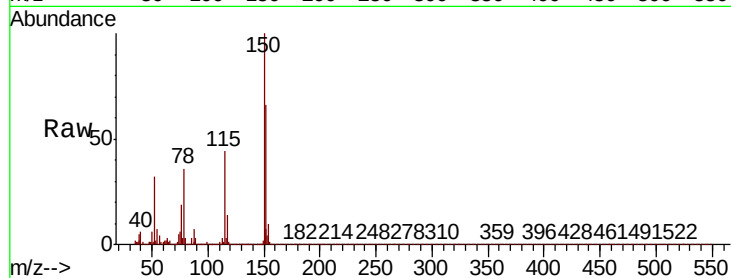




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.30 min Scan# 1057  
 Delta R.T. -0.01 min  
 Lab File: BP001238.D  
 Acq: 06 Dec 2019 19:23

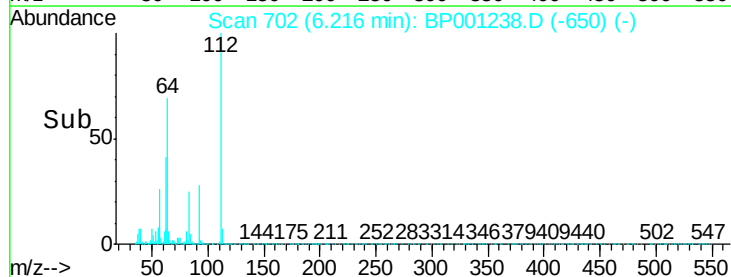
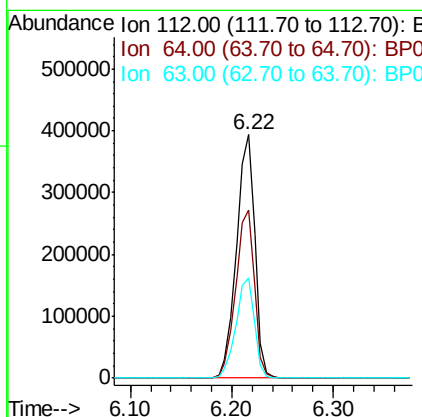
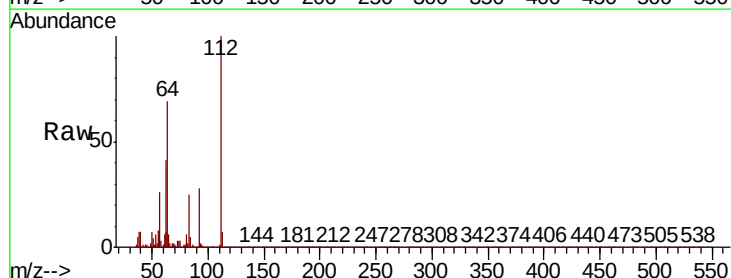
Instrument :  
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 ClientSampleId :  
 SB-3-(0-2)

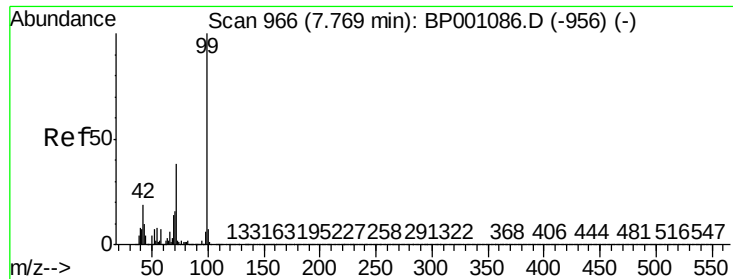
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 152.3 | 127.3 | 190.9 |
| 115     | 67.7  | 56.0  | 84.0  |



#5  
 2-Fluorophenol  
 Concen: 98.640 ng  
 RT: 6.22 min Scan# 702  
 Delta R.T. 0.01 min  
 Lab File: BP001238.D  
 Acq: 06 Dec 2019 19:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 69.0  | 56.8  | 85.2  |
| 63      | 41.0  | 32.2  | 48.2  |





#7

Phenol-d6

Concen: 100.907 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BP001238.D

Acq: 06 Dec 2019 19:23

Instrument :

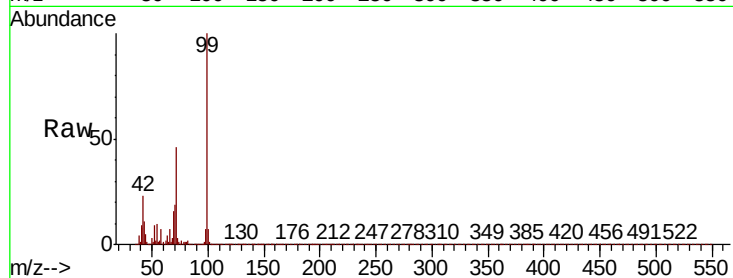
BNA\_P

ClientSampleId :

SB-3-(0-2)

Tot Ion: 99 Resp: 673908

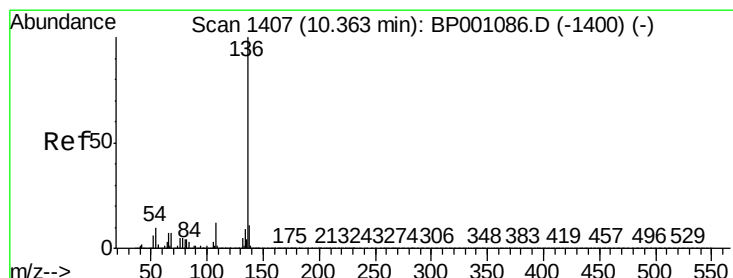
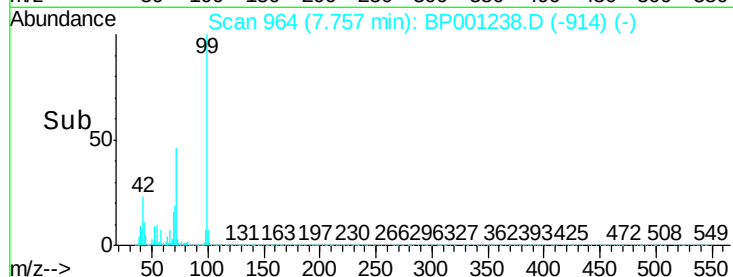
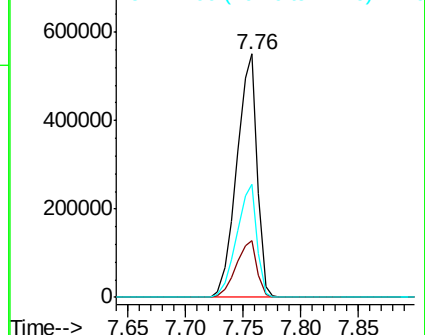
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 23.3  | 17.6  | 26.4  |
| 71  | 46.5  | 33.8  | 50.8  |



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: 10.34 min Scan# 1403

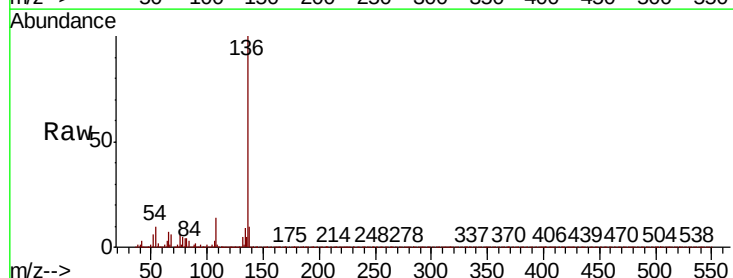
Delta R.T. -0.01 min

Lab File: BP001238.D

Acq: 06 Dec 2019 19:23

Tgt Ion: 136 Resp: 302802

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.2  | 8.4   | 12.6  |
| 54  | 10.3  | 7.4   | 11.0  |
| 68  | 5.7   | 4.6   | 7.0   |

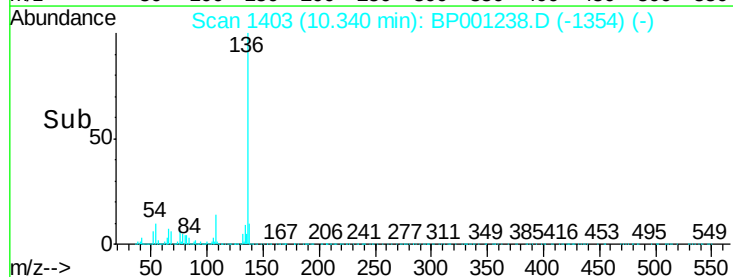
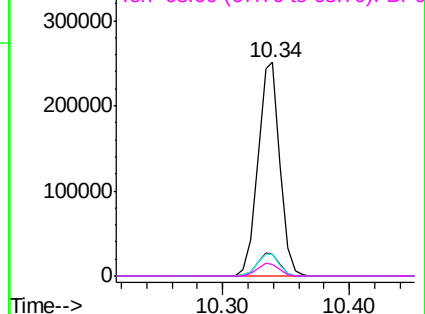


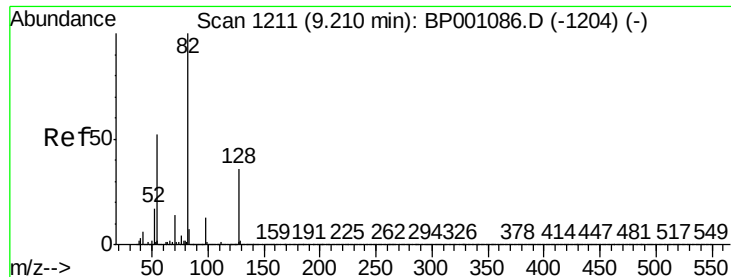
Abundance Ion 136.00 (135.70 to 136.70): E

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

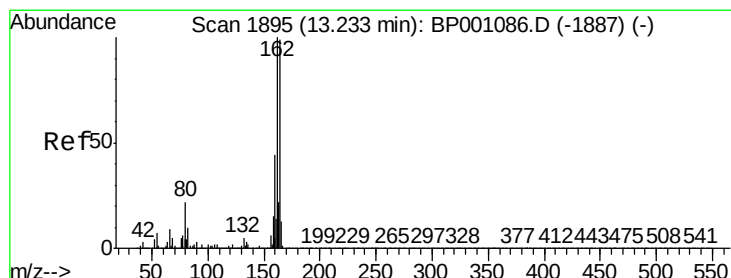
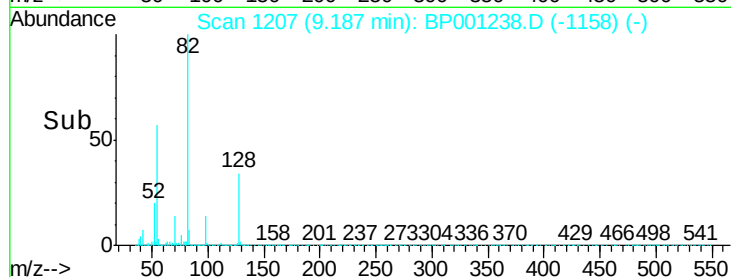
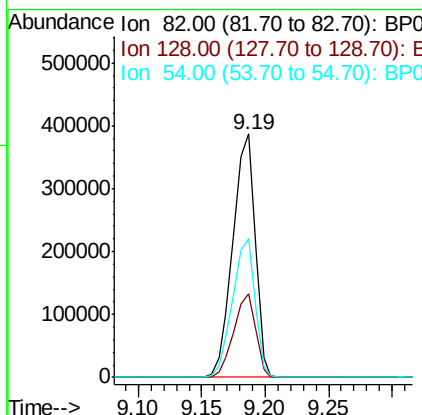
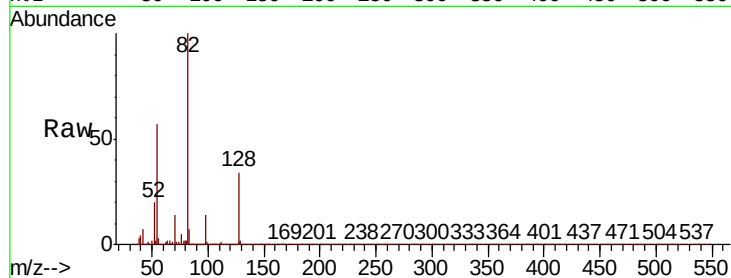




#23  
 Nitrobenzene-d5  
 Concen: 67.516 ng  
 RT: 9.19 min Scan# 1207  
 Delta R.T. -0.01 min  
 Lab File: BP001238.D  
 Acq: 06 Dec 2019 19:23

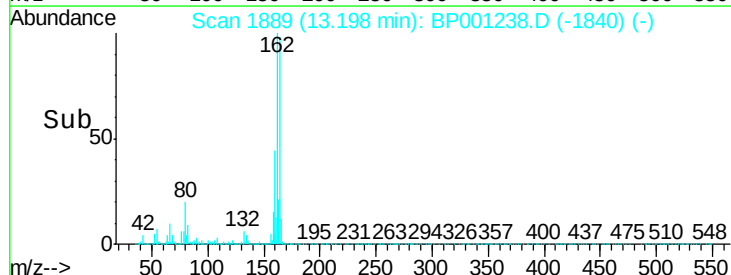
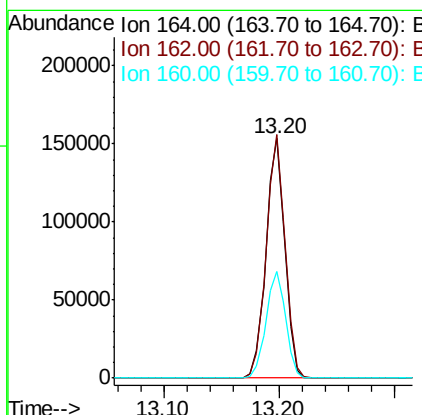
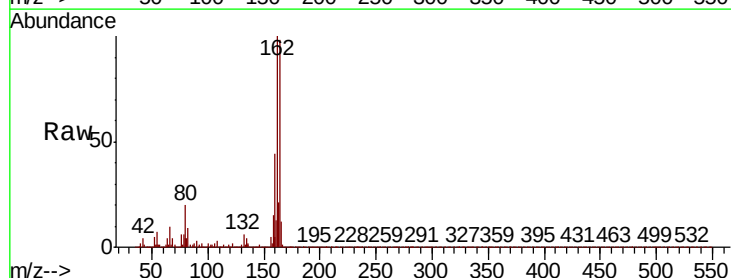
Instrument :  
 BNA\_P  
 ClientSampled :  
 SB-3-(0-2)

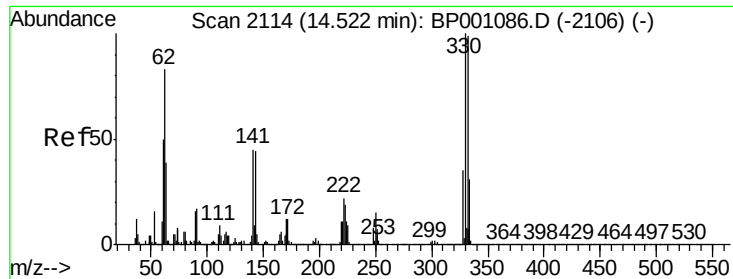
| Tot Ion   | 82    | Resp  | 471215 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 34.3  | 27.5  | 41.3   |
| 54        | 57.0  | 45.7  | 68.5   |



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 13.20 min Scan# 1889  
 Delta R.T. -0.01 min  
 Lab File: BP001238.D  
 Acq: 06 Dec 2019 19:23

| Tgt Ion   | 164   | Resp  | 175810 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 101.6 | 80.7  | 121.1  |
| 160       | 44.7  | 36.3  | 54.5   |

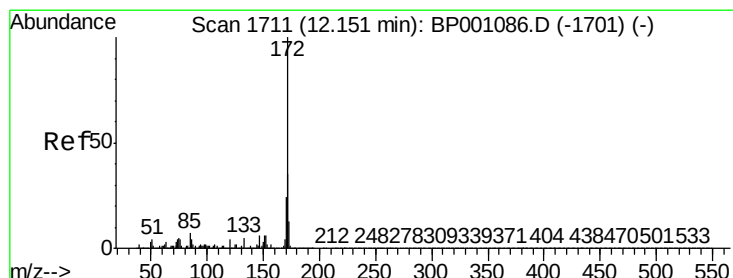
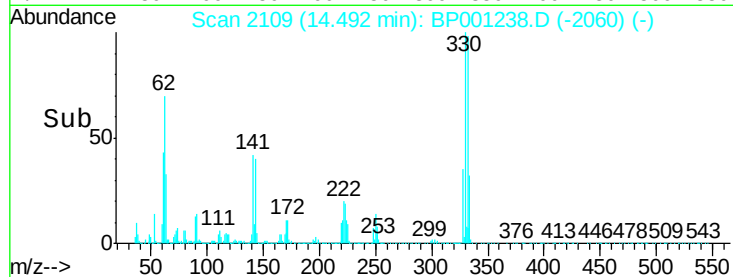
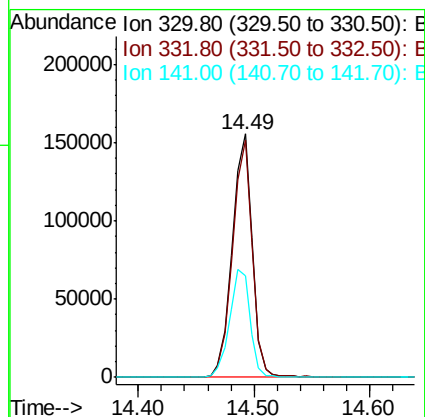
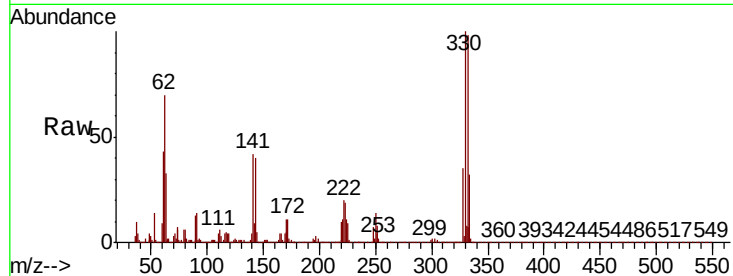




#42  
 2,4,6-Tribromophenol  
 Concen: 110.965 ng  
 RT: 14.49 min Scan# 2109  
 Delta R.T. -0.01 min  
 Lab File: BP001238.D  
 Acq: 06 Dec 2019 19:23

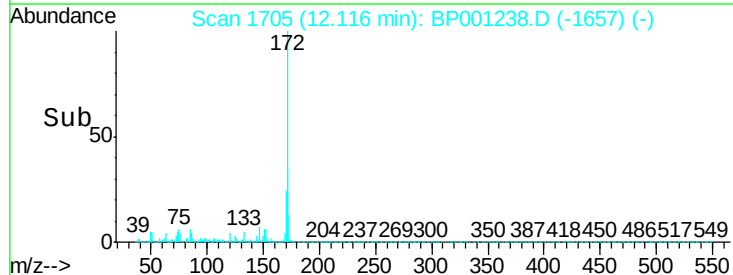
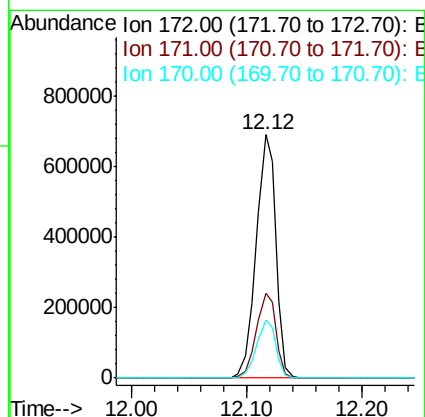
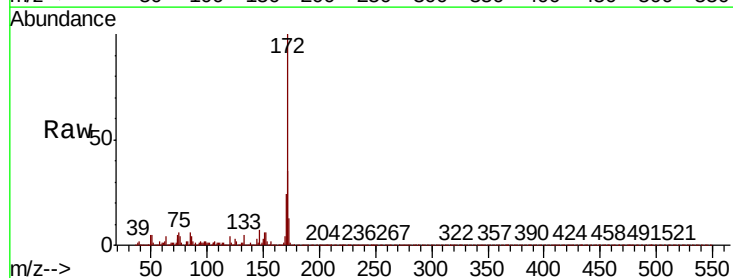
Instrument :  
 BNA\_P  
 ClientSampleId :  
 SB-3-(0-2)

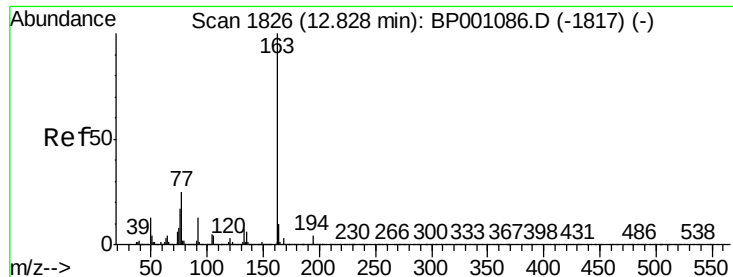
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.5  | 79.1  | 118.7 |
| 141     | 45.4  | 35.9  | 53.9  |



#45  
 2-Fluorobiphenyl  
 Concen: 68.025 ng  
 RT: 12.12 min Scan# 1705  
 Delta R.T. -0.02 min  
 Lab File: BP001238.D  
 Acq: 06 Dec 2019 19:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 34.9  | 28.7  | 43.1  |
| 170     | 23.7  | 19.2  | 28.8  |

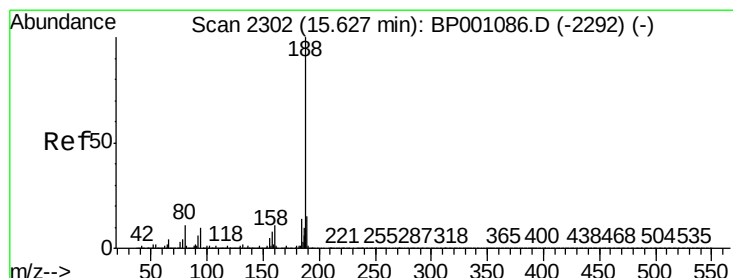
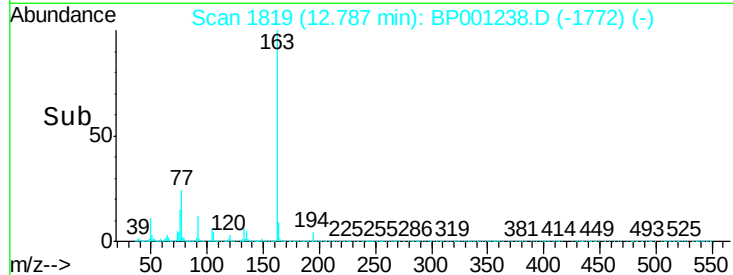
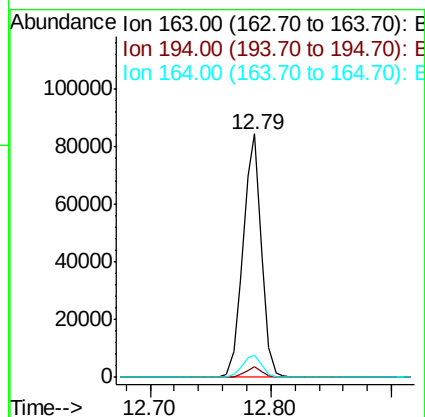
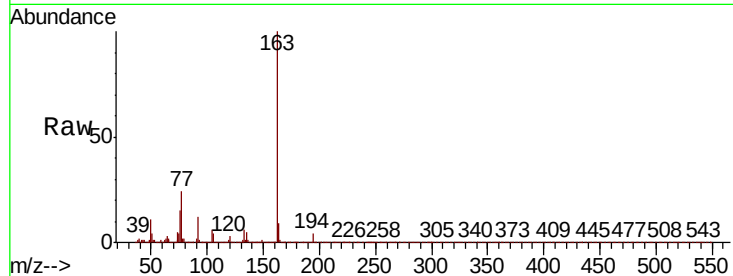




#50  
Dimethylphthalate  
Concen: 6.805 ng  
RT: 12.79 min Scan# 1819  
Delta R.T. -0.02 min  
Lab File: BP001238.D  
Acq: 06 Dec 2019 19:23

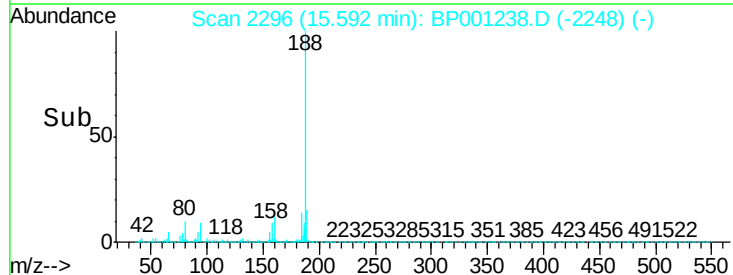
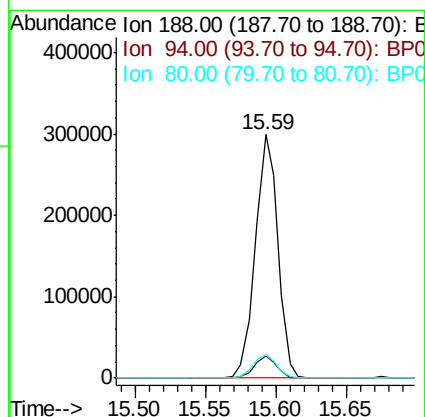
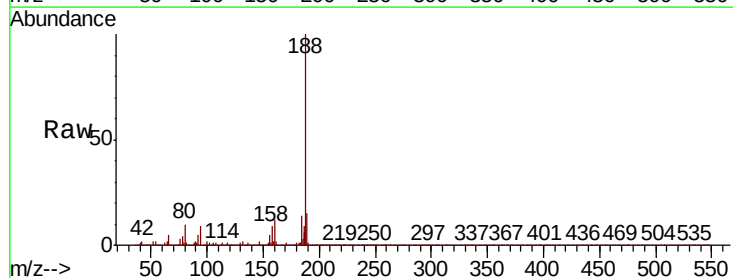
Instrument :  
BNA\_P  
ClientSampled :  
SB-3-(0-2)

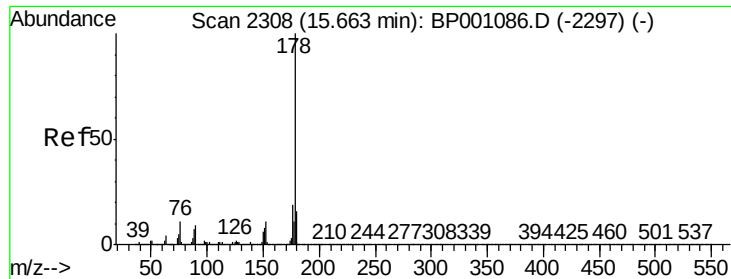
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.4   | 3.1   | 4.7   |
| 164     | 9.3   | 8.2   | 12.4  |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 15.59 min Scan# 2296  
Delta R.T. -0.02 min  
Lab File: BP001238.D  
Acq: 06 Dec 2019 19:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 9.2   | 7.1   | 10.7  |
| 80      | 9.8   | 7.8   | 11.6  |

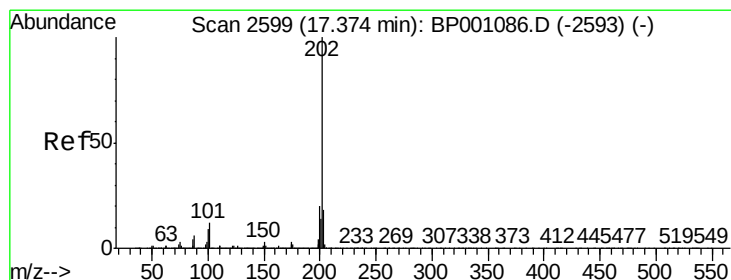
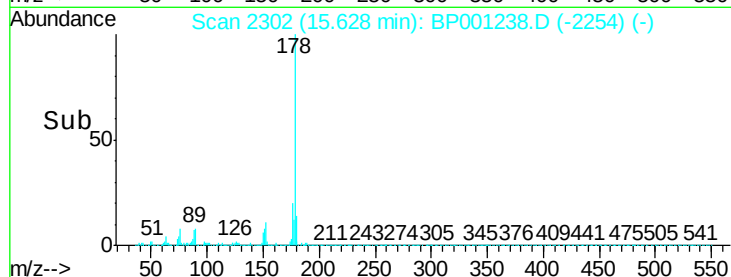
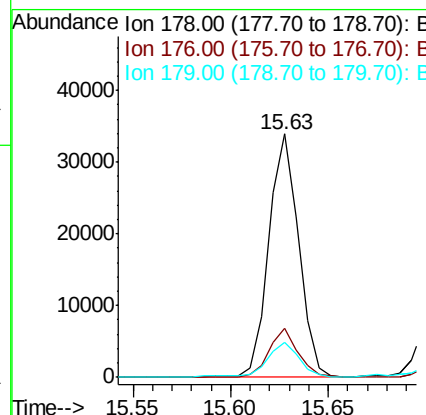
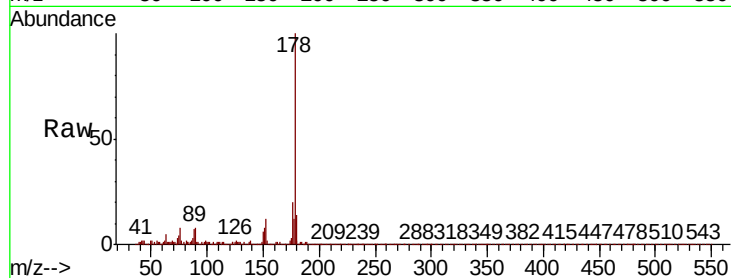




#71  
Phenanthrene  
Concen: 2.021 ng  
RT: 15.63 min Scan# 2302  
Delta R.T. -0.02 min  
Lab File: BP001238.D  
Acq: 06 Dec 2019 19:23

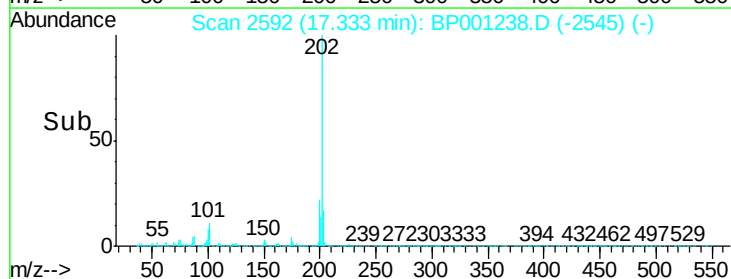
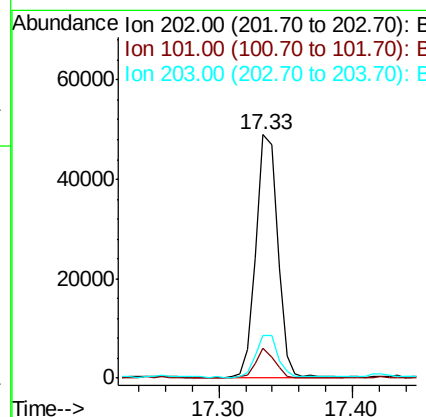
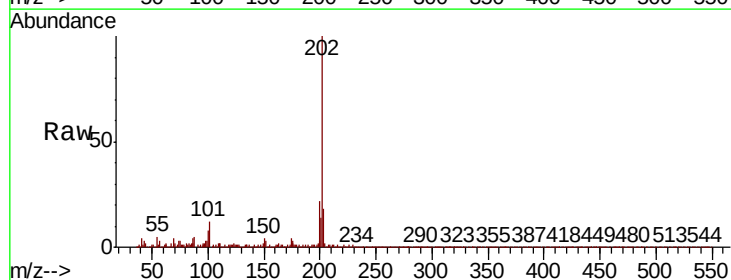
Instrument :  
BNA\_P  
ClientSampleId :  
SB-3-(0-2)

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.4  | 15.7  | 23.5  |
| 179     | 14.5  | 12.4  | 18.6  |

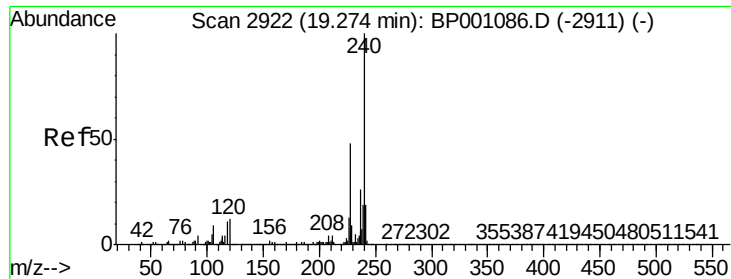


#75  
Fluoranthene  
Concen: 2.913 ng  
RT: 17.33 min Scan# 2592  
Delta R.T. -0.02 min  
Lab File: BP001238.D  
Acq: 06 Dec 2019 19:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 12.1  | 0.0   | 30.0  |
| 203     | 17.6  | 0.0   | 37.1  |



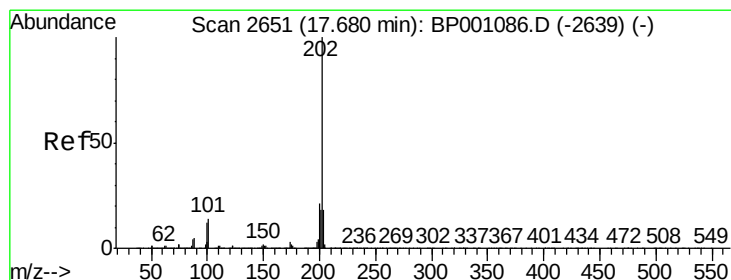
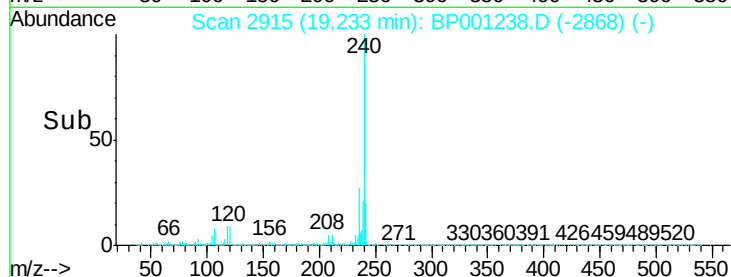
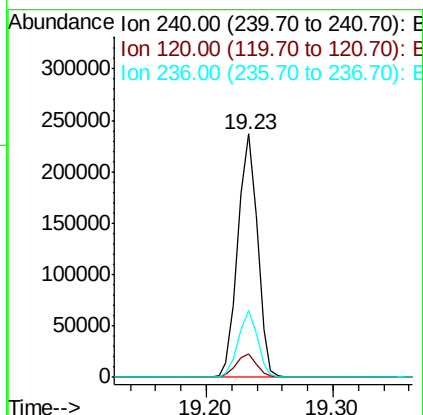
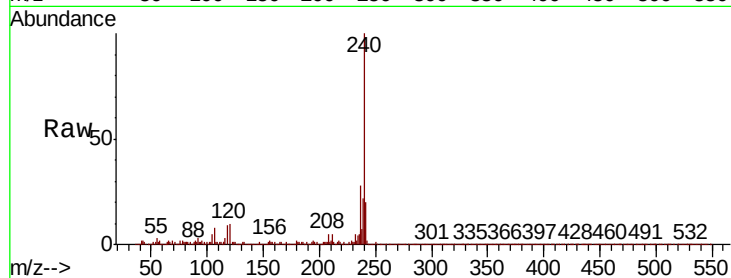




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 19.23 min Scan# 2915  
Delta R.T. -0.02 min  
Lab File: BP001238.D  
Acq: 06 Dec 2019 19:23

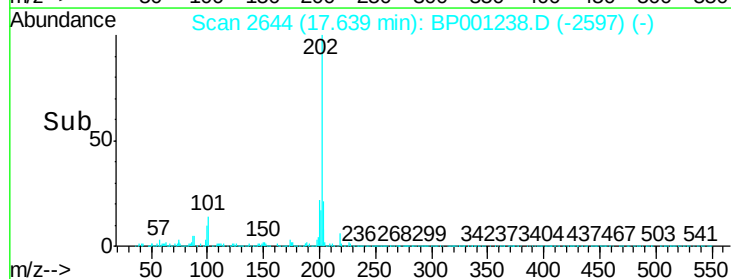
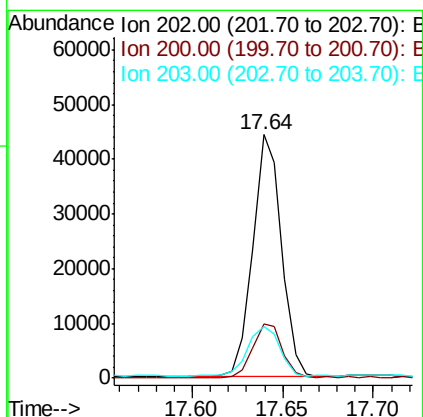
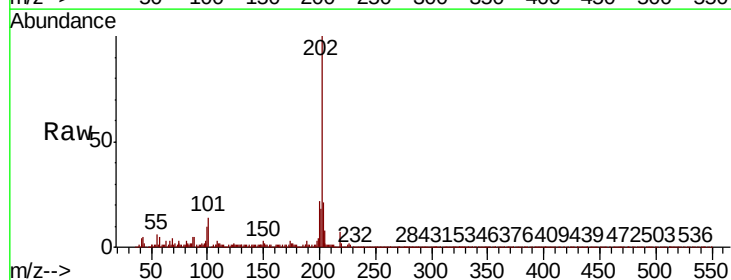
Instrument :  
BNA\_P  
ClientSampleId :  
SB-3-(0-2)

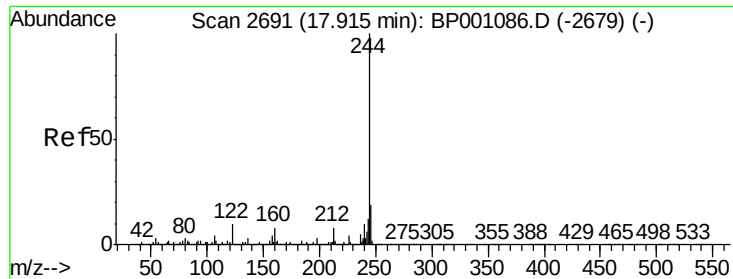
Tot Ion:240 Resp: 252308  
Ion Ratio Lower Upper  
240 100  
120 9.6 7.0 10.6  
236 27.6 21.7 32.5



#78  
Pyrene  
Concen: 2.457 ng  
RT: 17.64 min Scan# 2644  
Delta R.T. -0.02 min  
Lab File: BP001238.D  
Acq: 06 Dec 2019 19:23

Tgt Ion:202 Resp: 48833  
Ion Ratio Lower Upper  
202 100  
200 22.1 17.3 25.9  
203 21.4 13.8 20.8#





#79

Terphenyl-d14

Concen: 70.312 ng

RT: 17.87 min Scan# 2684

Delta R.T. -0.02 min

Lab File: BP001238.D

Acq: 06 Dec 2019 19:23

Instrument :

BNA\_P

ClientSampleId :

SB-3-(0-2)

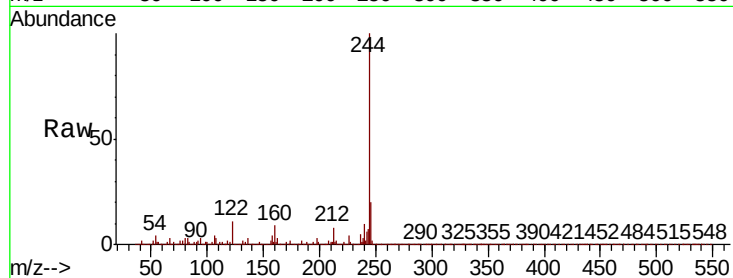
Tot Ion:244 Resp: 958883

Ion Ratio Lower Upper

244 100

212 8.2 6.6 9.8

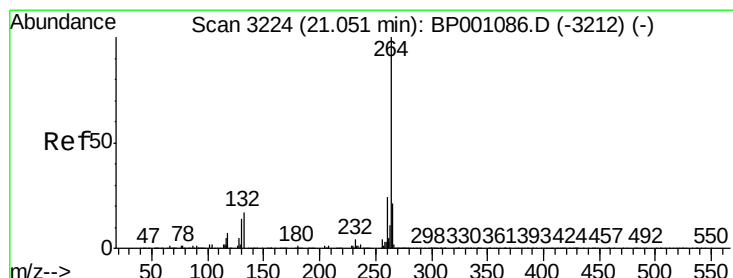
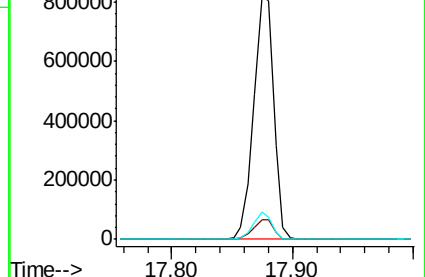
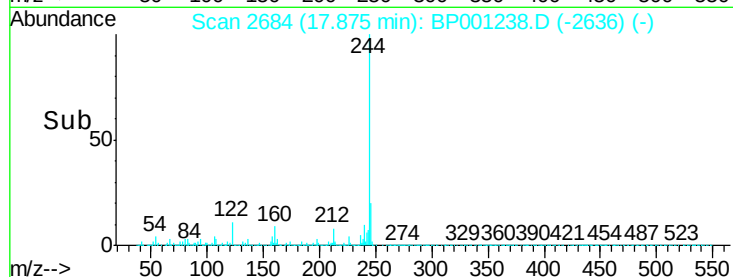
122 11.3 9.2 13.8



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 21.00 min Scan# 3216

Delta R.T. -0.02 min

Lab File: BP001238.D

Acq: 06 Dec 2019 19:23

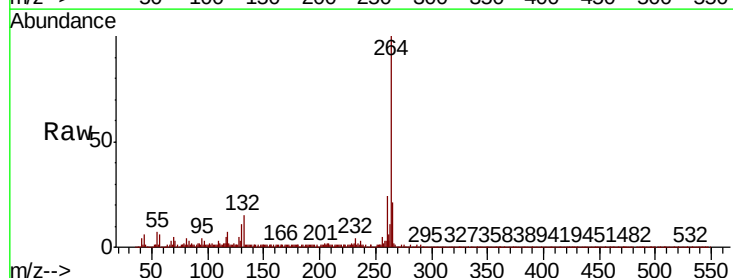
Tgt Ion:264 Resp: 269616

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.0

265 21.3 17.1 25.7



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

