

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120519\  
 Data File : BP001213.D  
 Acq On : 05 Dec 2019 15:58  
 Operator : JU  
 Sample : K6100-01  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TH-1

Quant Time: Dec 06 07:19:46 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

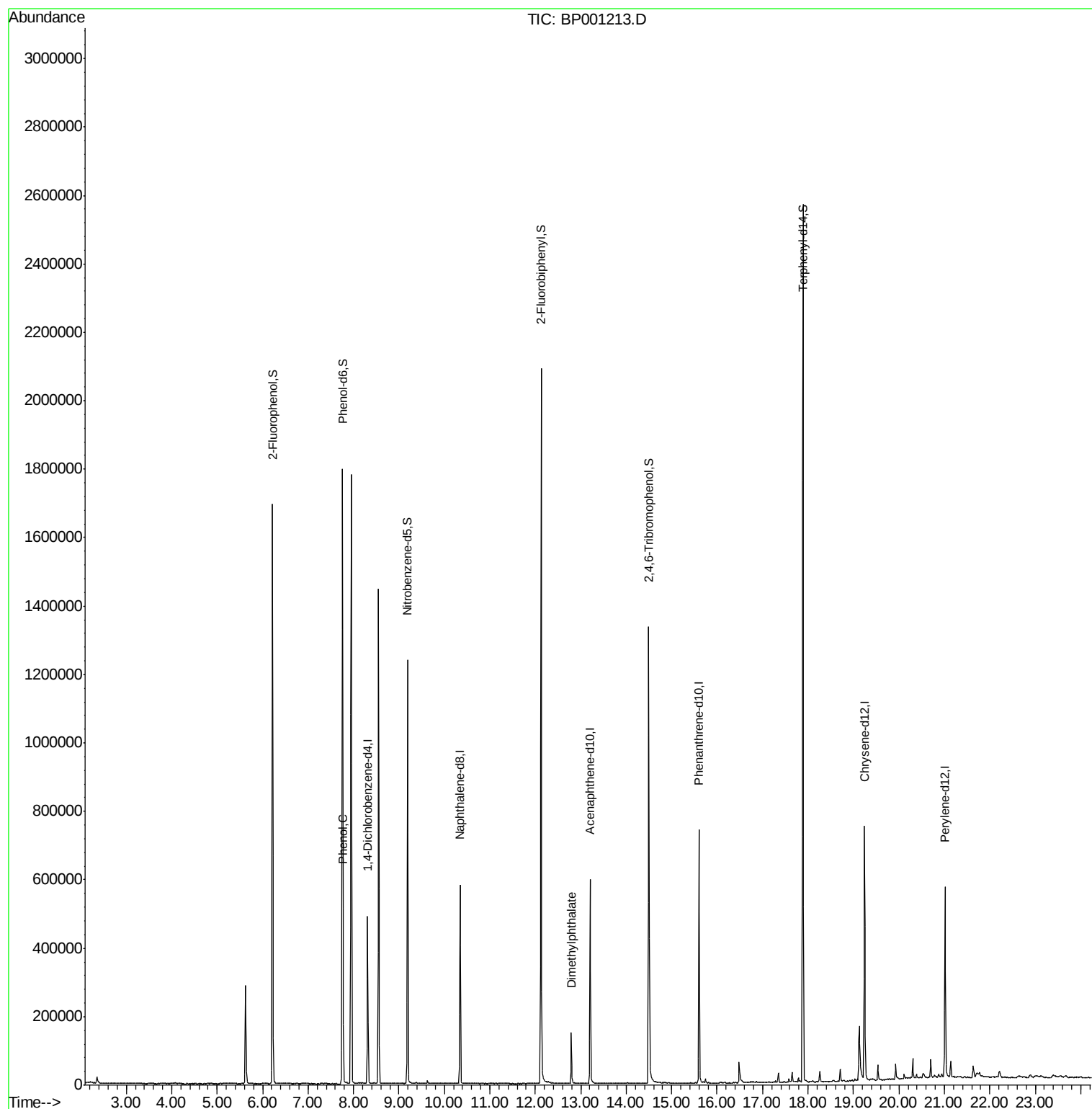
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.31  | 152  | 79979    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.35 | 136  | 295836   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 13.21 | 164  | 166851   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 15.60 | 188  | 338074   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 19.25 | 240  | 275324   | 20.00  | ng    | -0.01    |
| 87) Perylene-d12            | 21.02 | 264  | 290729   | 20.00  | ng    | -0.01    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 6.22  | 112  | 526011   | 109.12 | ng    | 0.00     |
| 7) Phenol-d6                | 7.76  | 99   | 717333   | 111.69 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.19  | 82   | 483488   | 70.91  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 14.50 | 330  | 181804   | 113.68 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.13 | 172  | 771333   | 67.66  | ng    | 0.00     |
| 79) Terphenyl-d14           | 17.89 | 244  | 954450   | 64.14  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 7.78  | 94   | 34246    | 4.688  | ng    | 81       |
| 50) Dimethylphthalate       | 12.79 | 163  | 70896    | 5.681  | ng    | 99       |

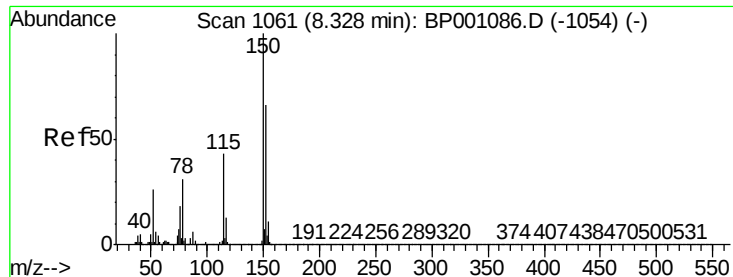
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120519\  
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Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
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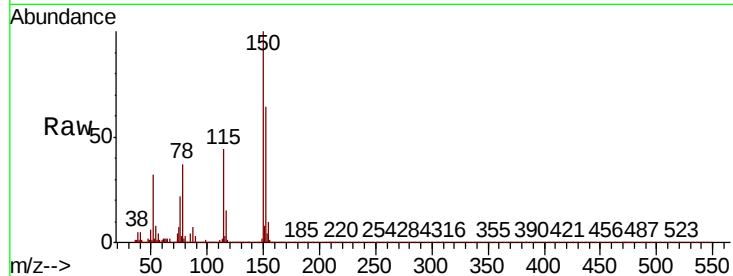




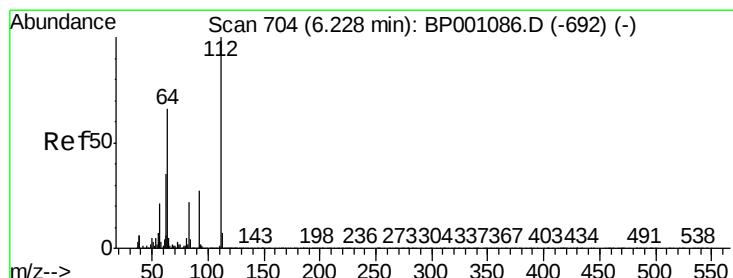
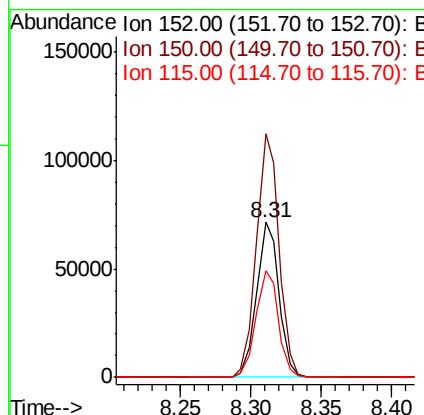
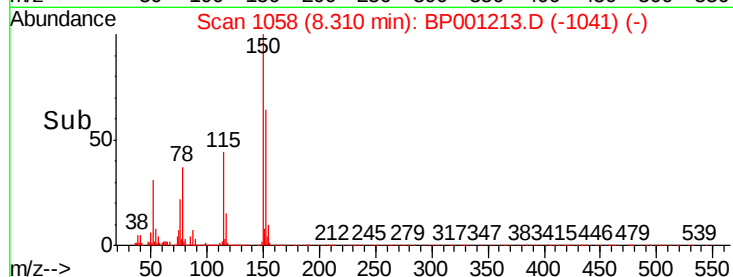
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.31 min Scan# 1058  
 Delta R.T. -0.00 min  
 Lab File: BP001213.D  
 Acq: 05 Dec 2019 15:58

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TH-1

Tot Ion:152 Resp: 79979  
 Ion Ratio Lower Upper  
 152 100  
 150 157.3 127.3 190.9  
 115 69.2 56.0 84.0

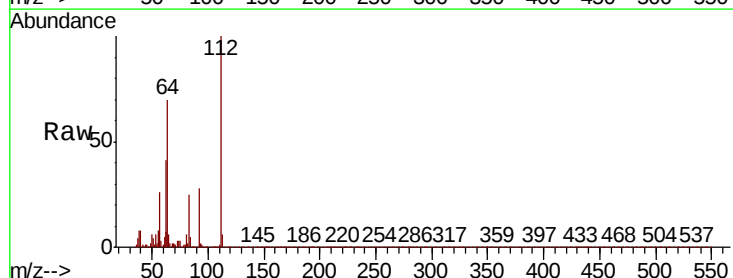


Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E

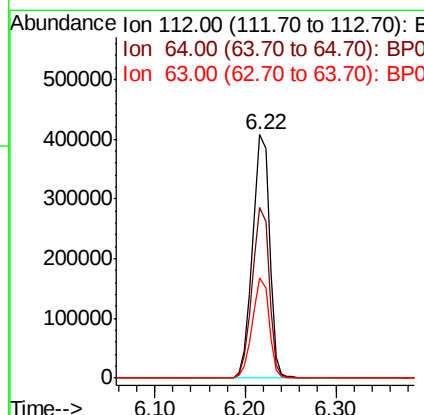
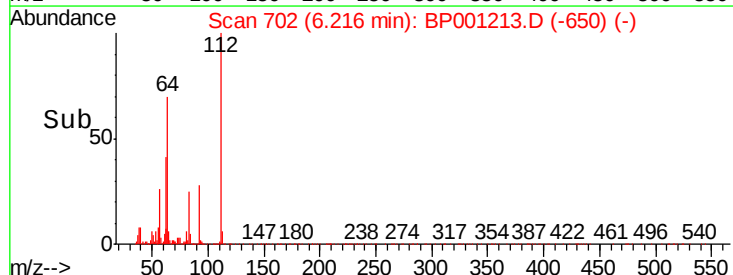


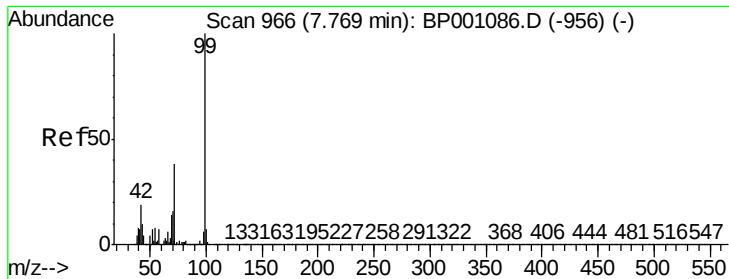
#5  
 2-Fluorophenol  
 Concen: 109.116 ng  
 RT: 6.22 min Scan# 702  
 Delta R.T. 0.01 min  
 Lab File: BP001213.D  
 Acq: 05 Dec 2019 15:58

Tgt Ion:112 Resp: 526011  
 Ion Ratio Lower Upper  
 112 100  
 64 70.3 56.8 85.2  
 63 41.2 32.2 48.2



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: 111.693 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BP001213.D

Acq: 05 Dec 2019 15:58

Instrument :

BNA\_P

ClientSampleId :

TH-1

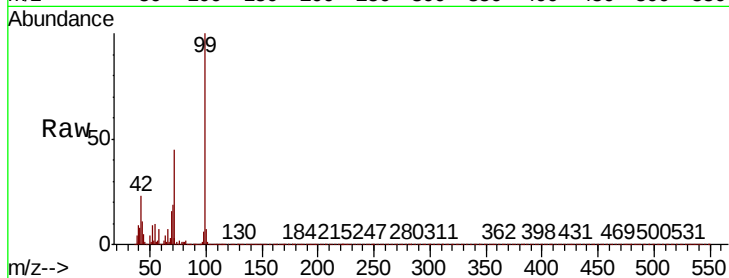
Tot Ion: 99 Resp: 717333

Ion Ratio Lower Upper

99 100

42 22.9 17.6 26.4

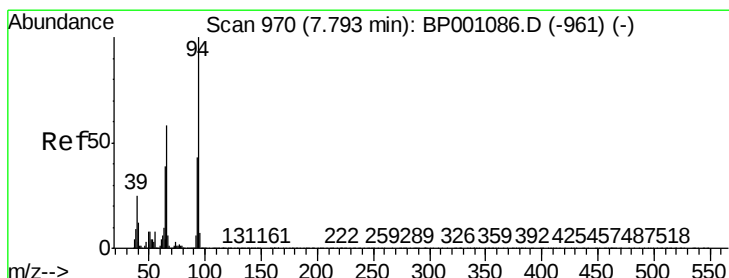
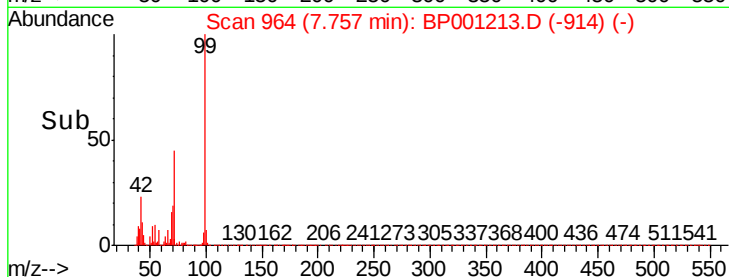
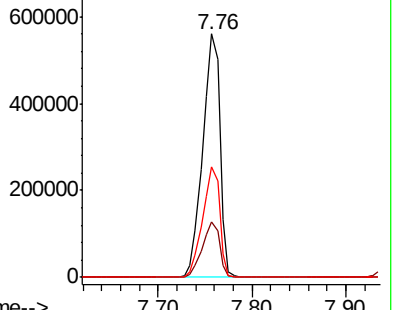
71 45.3 33.8 50.8



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



#10

Phenol

Concen: 4.688 ng

RT: 7.78 min Scan# 967

Delta R.T. -0.01 min

Lab File: BP001213.D

Acq: 05 Dec 2019 15:58

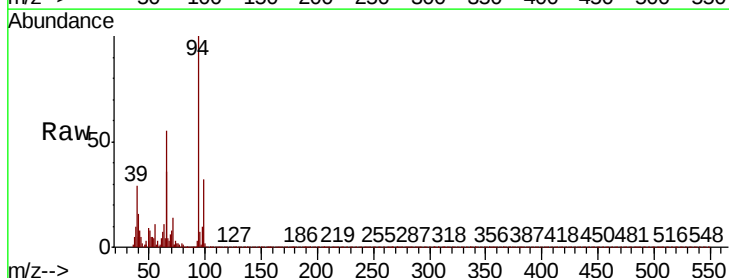
Tgt Ion: 94 Resp: 34246

Ion Ratio Lower Upper

94 100

65 36.3 25.6 65.6

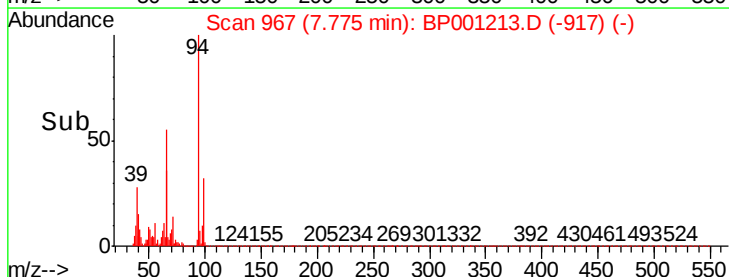
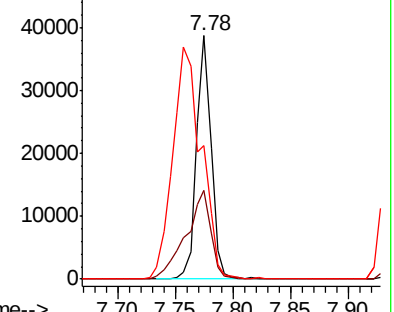
66 54.8 52.6 92.6

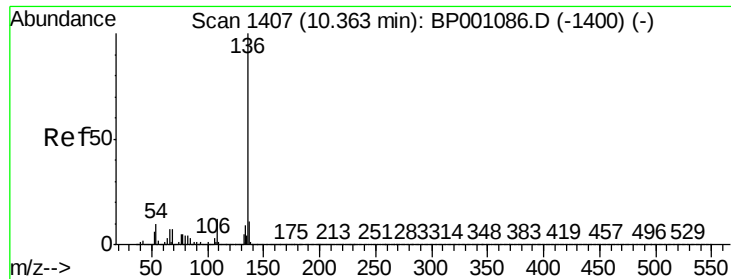


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

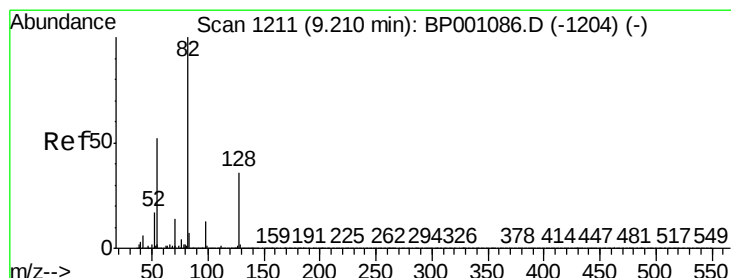
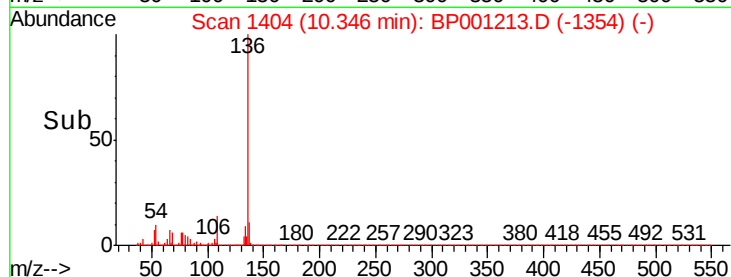
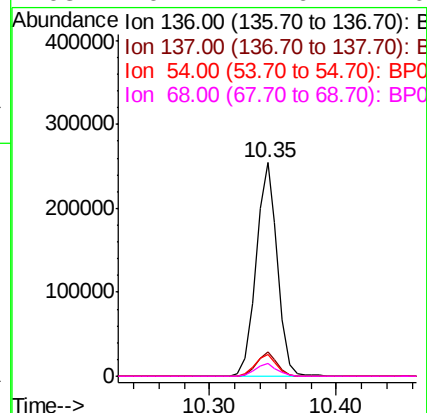
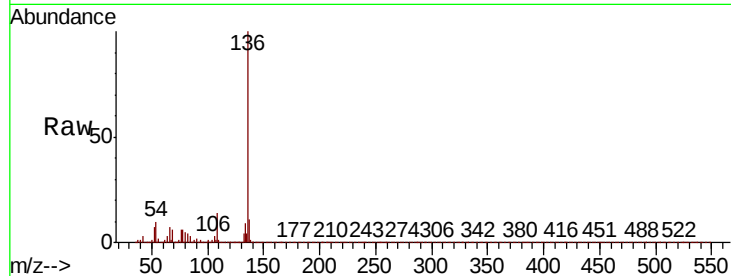




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.35 min Scan# 1404  
Delta R.T. -0.01 min  
Lab File: BP001213.D  
Acq: 05 Dec 2019 15:58

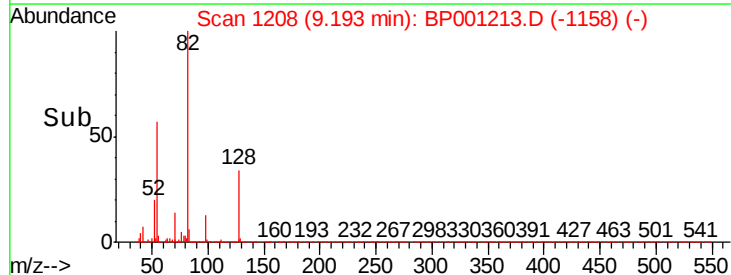
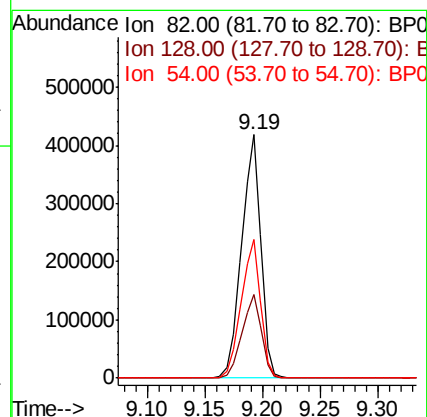
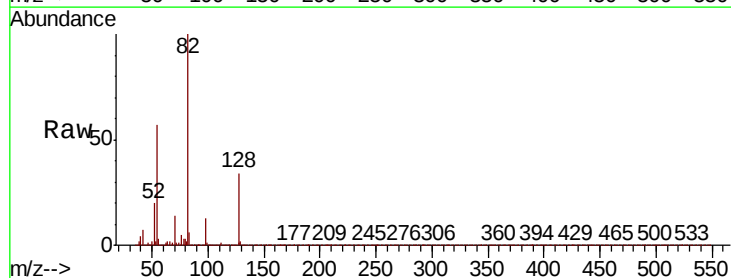
Instrument :  
BNA\_P  
ClientSampleId :  
TH-1

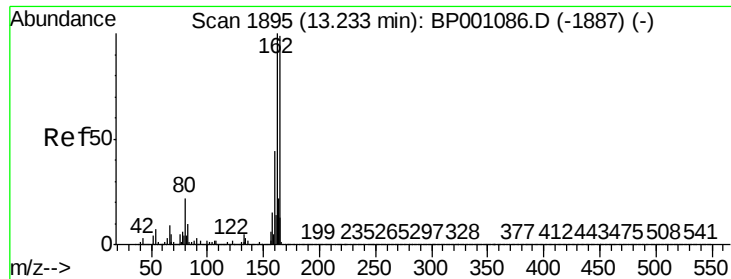
|             |       |        |  |
|-------------|-------|--------|--|
| Tot Ion:136 | Resp: | 295836 |  |
| Ion Ratio   | Lower | Upper  |  |
| 136 100     |       |        |  |
| 137 11.3    | 8.4   | 12.6   |  |
| 54 10.3     | 7.4   | 11.0   |  |
| 68 6.2      | 4.6   | 7.0    |  |



#23  
Nitrobenzene-d5  
Concen: 70.906 ng  
RT: 9.19 min Scan# 1208  
Delta R.T. -0.01 min  
Lab File: BP001213.D  
Acq: 05 Dec 2019 15:58

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion: 82 | Resp: | 483488 |
| Ion | Ratio   | Lower | Upper  |
| 82  | 100     |       |        |
| 128 | 34.3    | 27.5  | 41.3   |
| 54  | 56.9    | 45.7  | 68.5   |

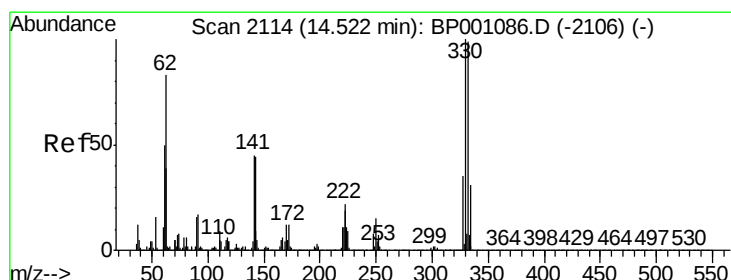
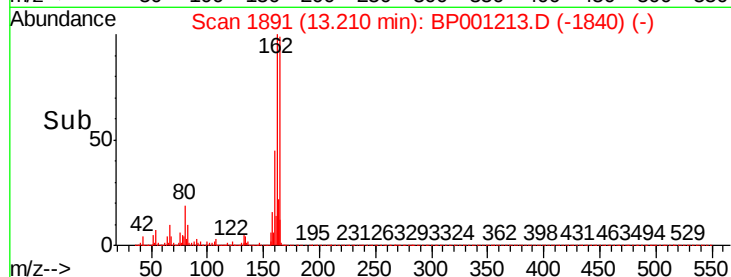
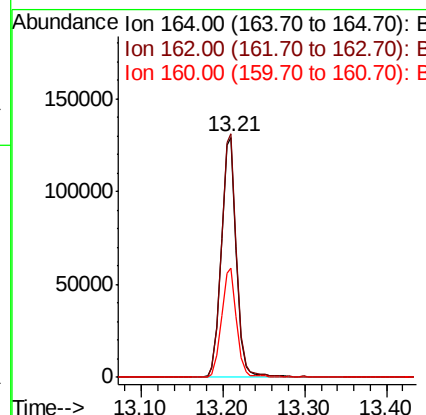
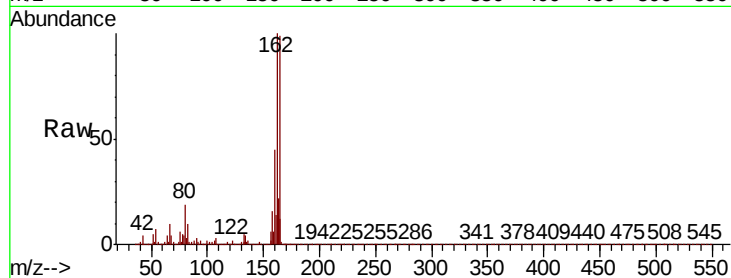




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 13.21 min Scan# 1891  
Delta R.T. -0.00 min  
Lab File: BP001213.D  
Acq: 05 Dec 2019 15:58

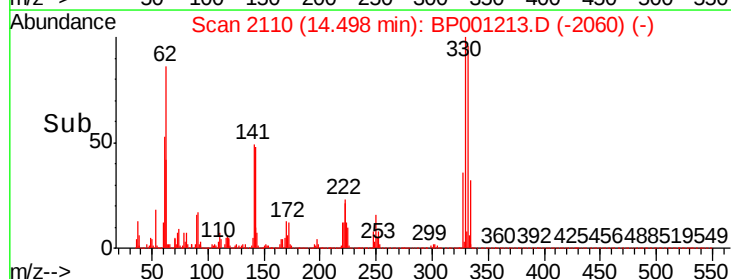
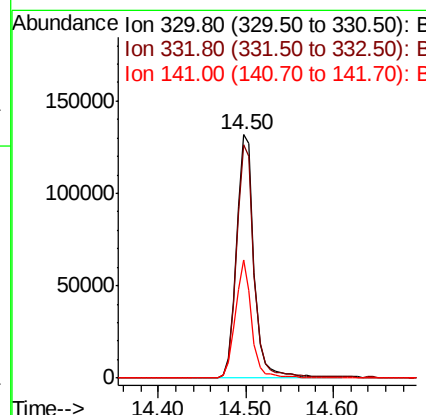
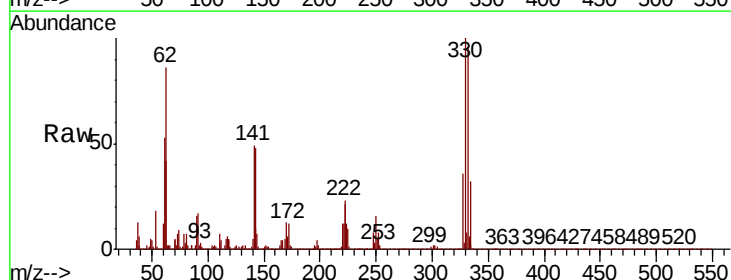
Instrument :  
BNA\_P  
ClientSampleId :  
TH-1

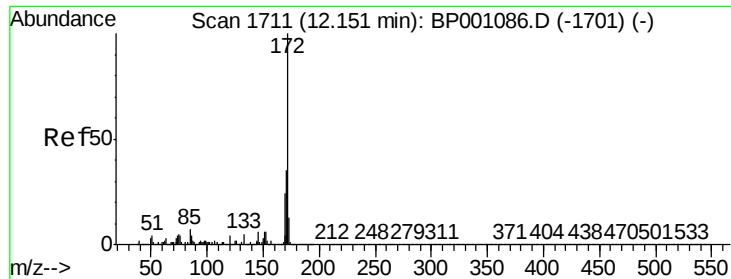
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 101.3 | 80.7  | 121.1 |
| 160     | 45.2  | 36.3  | 54.5  |



#42  
2,4,6-Tribromophenol  
Concen: 113.680 ng  
RT: 14.50 min Scan# 2110  
Delta R.T. -0.01 min  
Lab File: BP001213.D  
Acq: 05 Dec 2019 15:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.6  | 79.1  | 118.7 |
| 141     | 45.3  | 35.9  | 53.9  |

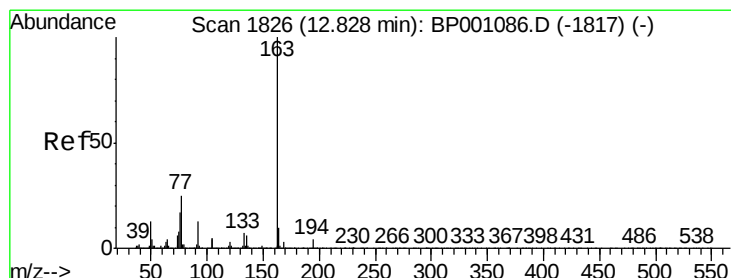
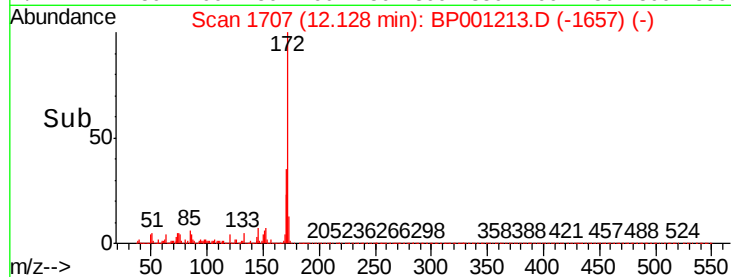
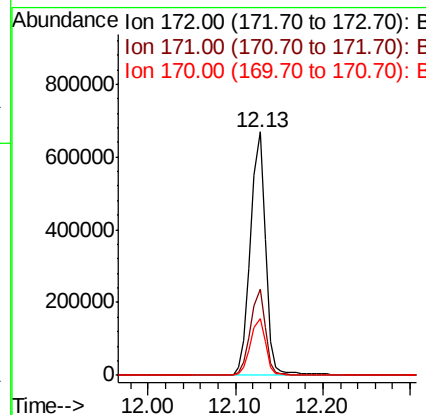
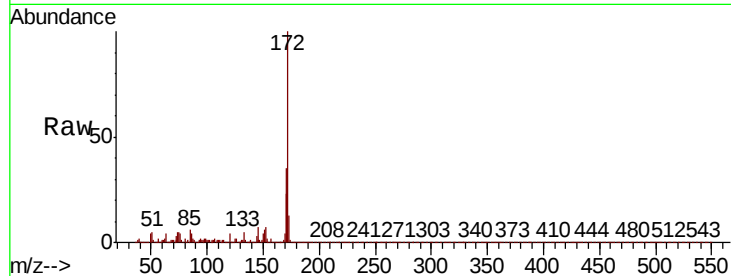




#45  
2-Fluorobiphenyl  
Concen: 67.659 ng  
RT: 12.13 min Scan# 1707  
Delta R.T. -0.01 min  
Lab File: BP001213.D  
Acq: 05 Dec 2019 15:58

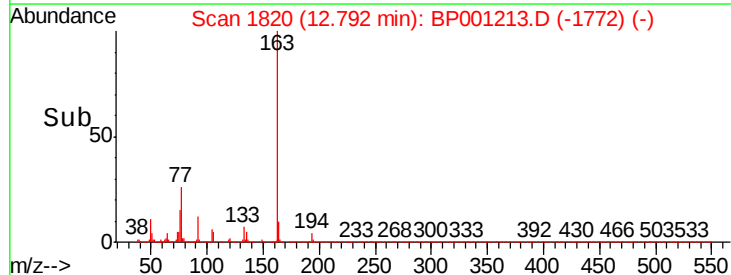
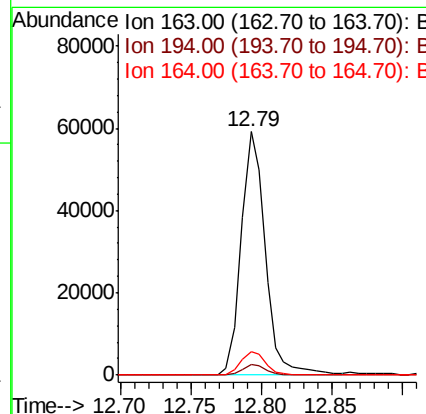
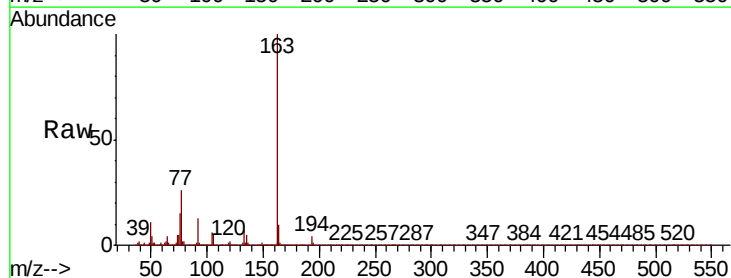
Instrument :  
BNA\_P  
ClientSampleId :  
TH-1

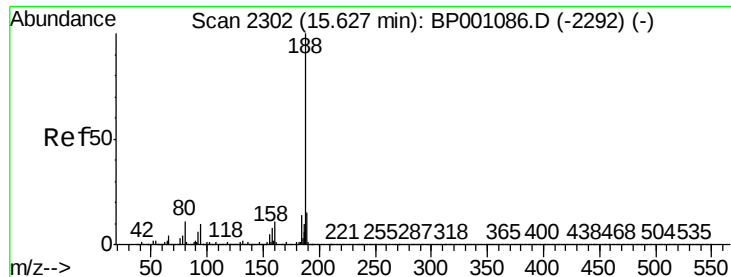
Tot Ion:172 Resp: 771333  
Ion Ratio Lower Upper  
172 100  
171 35.4 28.7 43.1  
170 23.4 19.2 28.8



#50  
Dimethylphthalate  
Concen: 5.681 ng  
RT: 12.79 min Scan# 1820  
Delta R.T. -0.02 min  
Lab File: BP001213.D  
Acq: 05 Dec 2019 15:58

Tgt Ion:163 Resp: 70896  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.1 4.7  
164 9.7 8.2 12.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.60 min Scan# 2298

Delta R.T. -0.01 min

Lab File: BP001213.D

Acq: 05 Dec 2019 15:58

Instrument :

BNA\_P

ClientSampleId :

TH-1

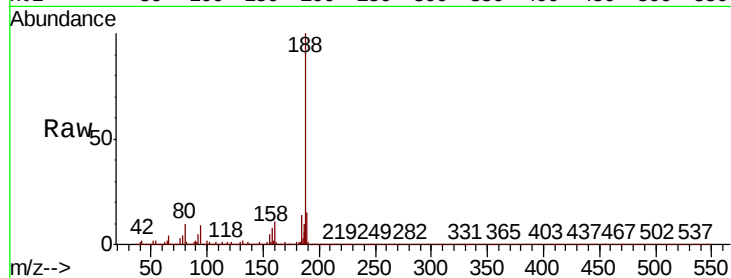
Tot Ion:188 Resp: 338074

Ion Ratio Lower Upper

188 100

94 8.8 7.1 10.7

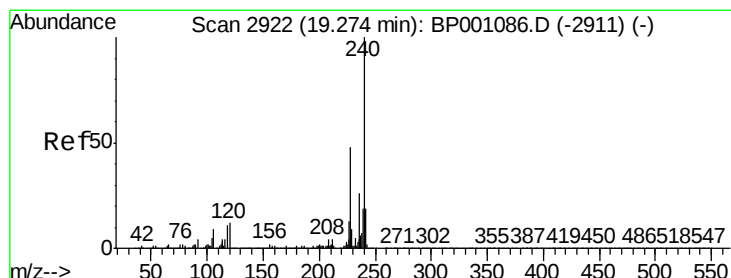
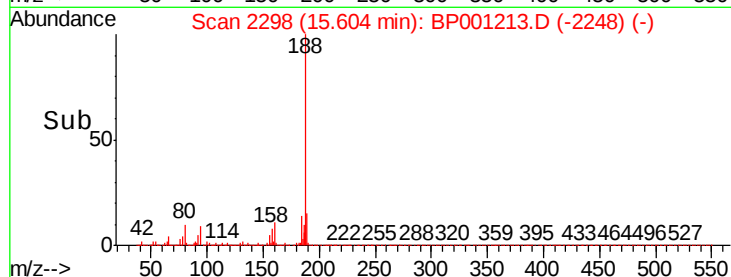
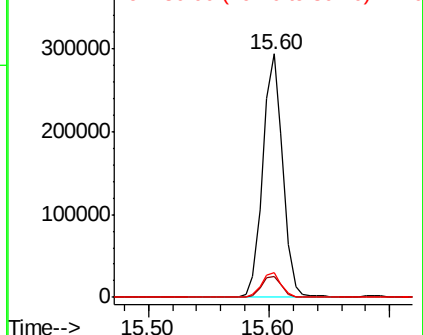
80 10.1 7.8 11.6



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: 19.25 min Scan# 2917

Delta R.T. -0.01 min

Lab File: BP001213.D

Acq: 05 Dec 2019 15:58

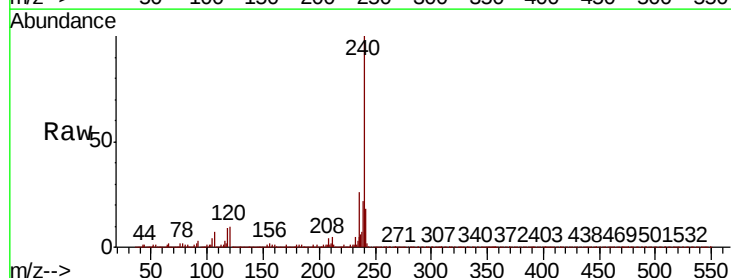
Tgt Ion:240 Resp: 275324

Ion Ratio Lower Upper

240 100

120 10.0 7.0 10.6

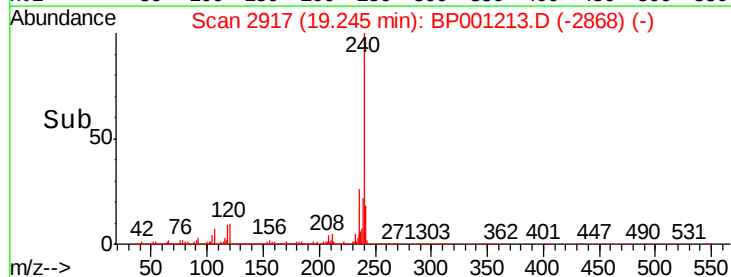
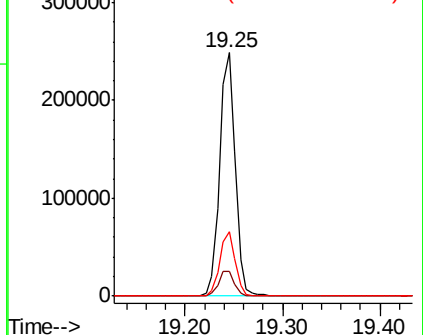
236 26.5 21.7 32.5

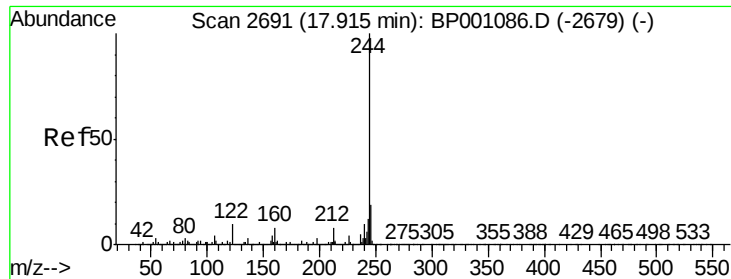


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

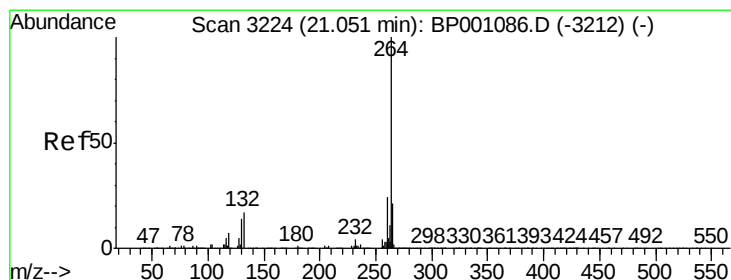
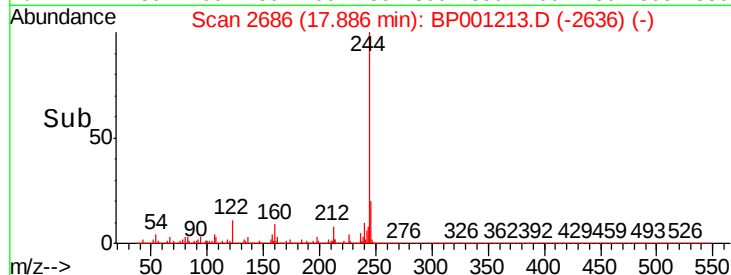
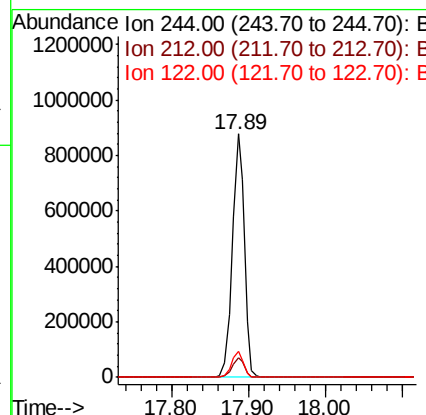
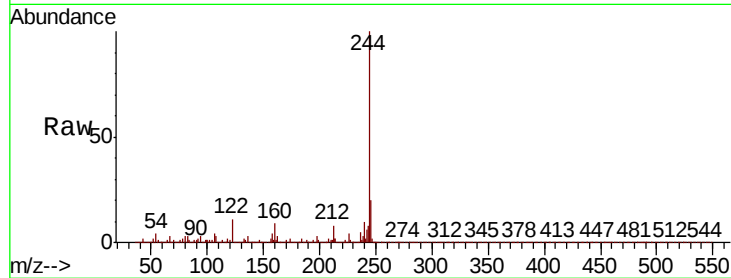




#79  
 Terphenyl-d14  
 Concen: 64.136 ng  
 RT: 17.89 min Scan# 2686  
 Delta R.T. -0.01 min  
 Lab File: BP001213.D  
 Acq: 05 Dec 2019 15:58

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TH-1

Tot Ion:244 Resp: 954450  
 Ion Ratio Lower Upper  
 244 100  
 212 8.3 6.6 9.8  
 122 10.8 9.2 13.8



#87  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 21.02 min Scan# 3218  
 Delta R.T. -0.01 min  
 Lab File: BP001213.D  
 Acq: 05 Dec 2019 15:58

Tgt Ion:264 Resp: 290729  
 Ion Ratio Lower Upper  
 264 100  
 260 24.6 19.4 29.0  
 265 21.0 17.1 25.7

