

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120519\  
 Data File : BP001214.D  
 Acq On : 05 Dec 2019 16:28  
 Operator : JU  
 Sample : K6100-03  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TH-9

Quant Time: Dec 06 07:21:06 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

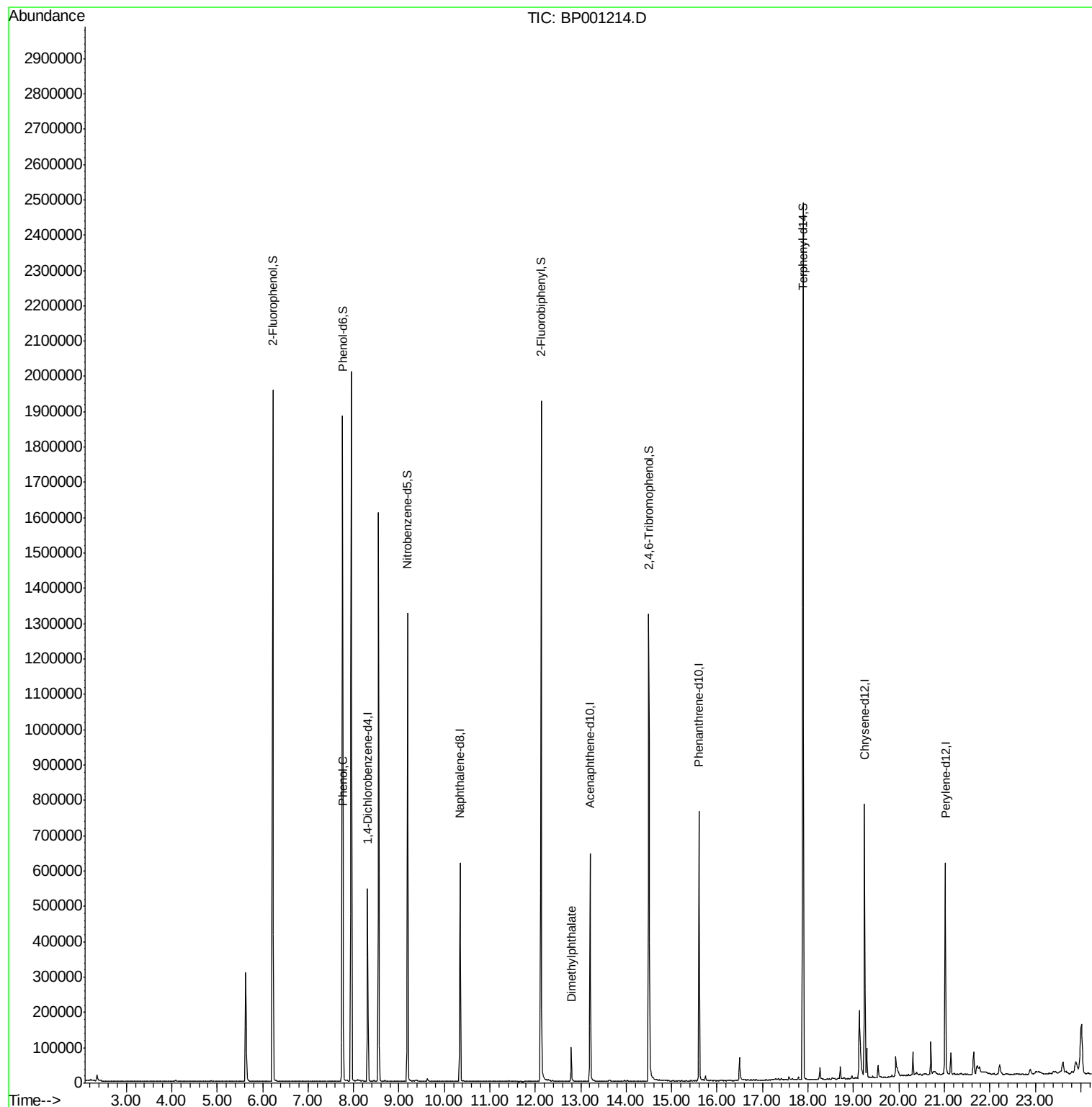
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.31  | 152  | 88870    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.35 | 136  | 318207   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 13.20 | 164  | 172670   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 15.60 | 188  | 335913   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 19.25 | 240  | 283184   | 20.00  | ng    | -0.01    |
| 87) Perylene-d12            | 21.02 | 264  | 299591   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 6.22  | 112  | 586798   | 109.55 | ng    | 0.01     |
| 7) Phenol-d6                | 7.76  | 99   | 782383   | 109.63 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.19  | 82   | 527008   | 71.85  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 14.50 | 330  | 177695   | 107.37 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.13 | 172  | 803743   | 68.13  | ng    | 0.00     |
| 79) Terphenyl-d14           | 17.89 | 244  | 983134   | 64.23  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 7.78  | 94   | 26343    | 3.245  | ng    | # 76     |
| 50) Dimethylphthalate       | 12.79 | 163  | 46094    | 3.569  | ng    | # 99     |

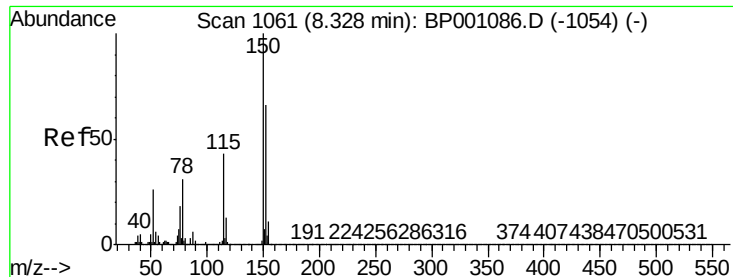
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120519\  
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Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
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TH-9

Quant Time: Dec 06 07:21:06 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.31 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BP001214.D

Acq: 05 Dec 2019 16:28

Instrument :

BNA\_P

ClientSampleId :

TH-9

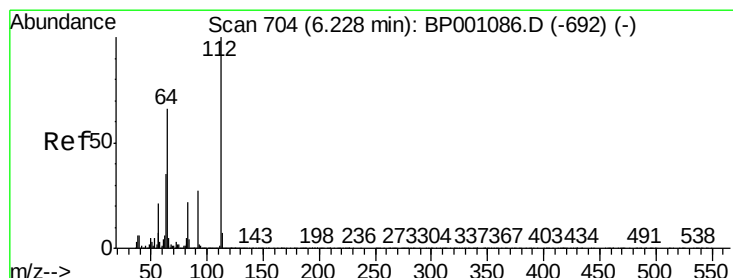
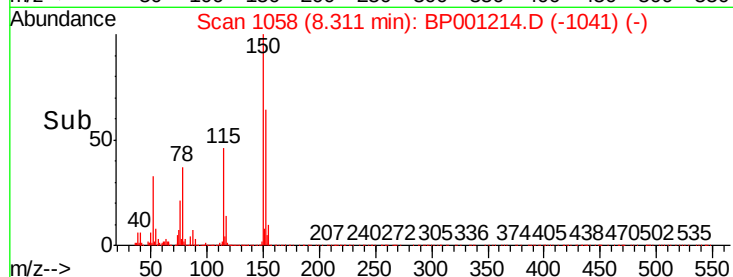
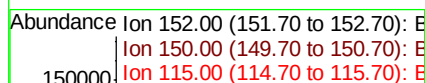
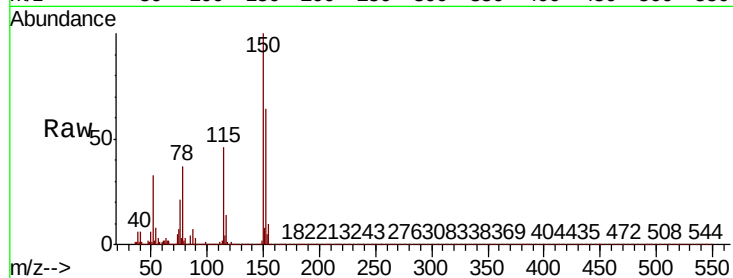
Tot Ion:152 Resp: 88870

Ion Ratio Lower Upper

152 100

150 155.4 127.3 190.9

115 71.1 56.0 84.0



#5

2-Fluorophenol

Concen: 109.547 ng

RT: 6.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BP001214.D

Acq: 05 Dec 2019 16:28

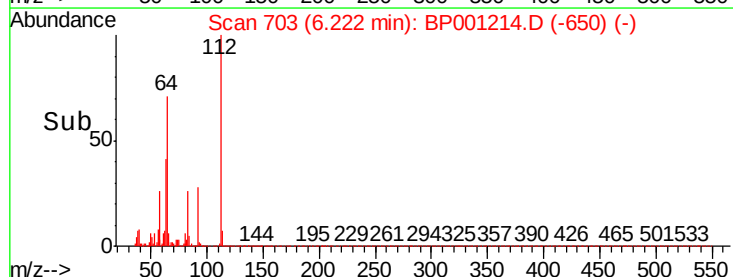
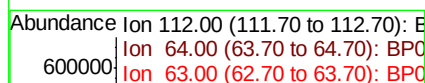
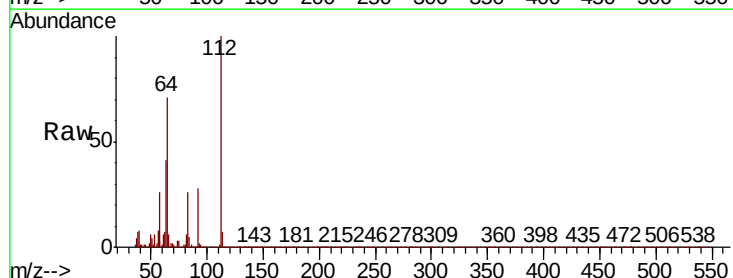
Tgt Ion:112 Resp: 586798

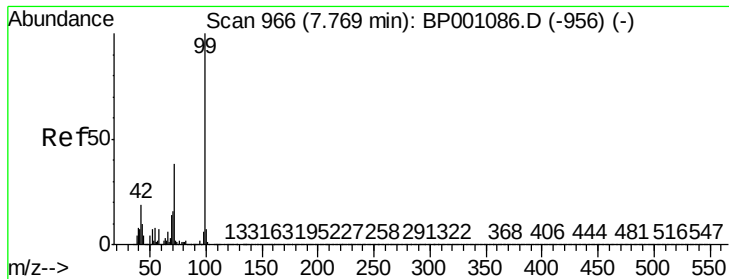
Ion Ratio Lower Upper

112 100

64 71.1 56.8 85.2

63 41.3 32.2 48.2





#7

Phenol-d6

Concen: 109.634 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BP001214.D

Acq: 05 Dec 2019 16:28

Instrument :

BNA\_P

ClientSampleId :

TH-9

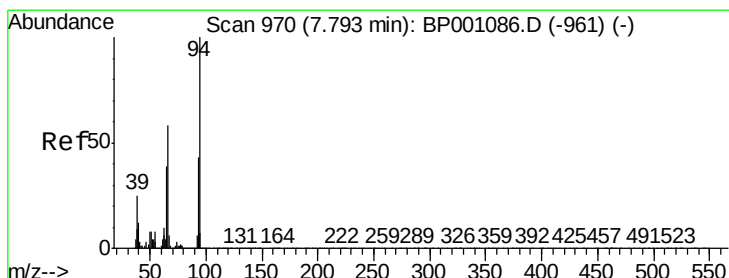
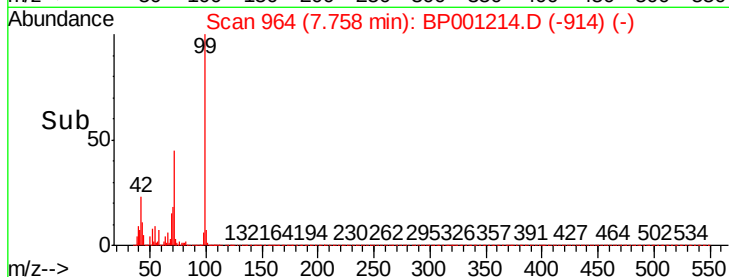
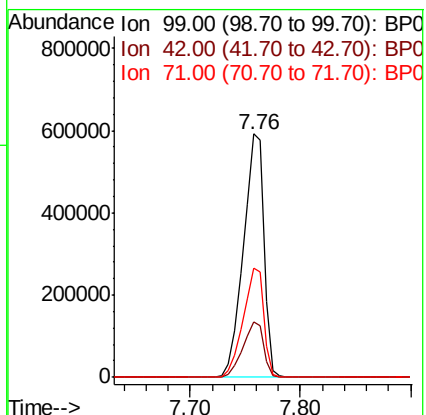
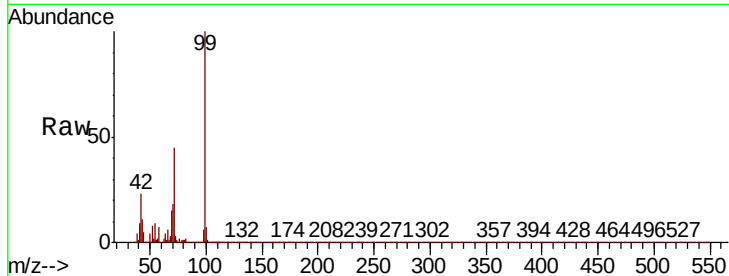
Tot Ion: 99 Resp: 782383

Ion Ratio Lower Upper

99 100

42 23.0 17.6 26.4

71 44.9 33.8 50.8



#10

Phenol

Concen: 3.245 ng

RT: 7.78 min Scan# 967

Delta R.T. -0.01 min

Lab File: BP001214.D

Acq: 05 Dec 2019 16:28

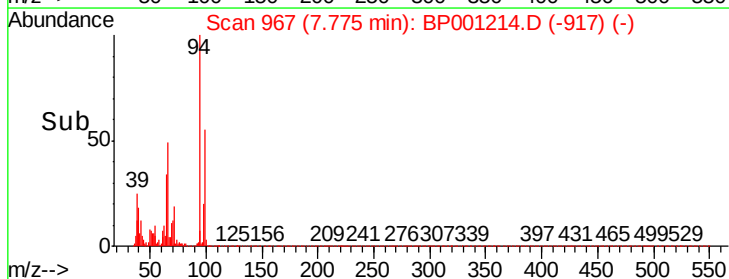
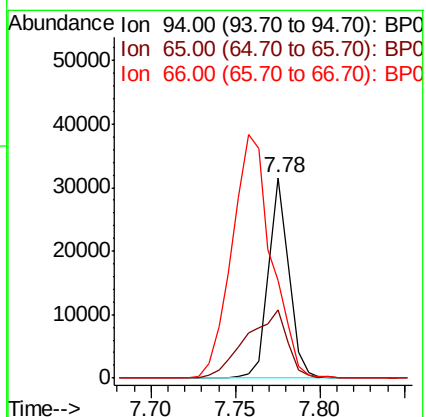
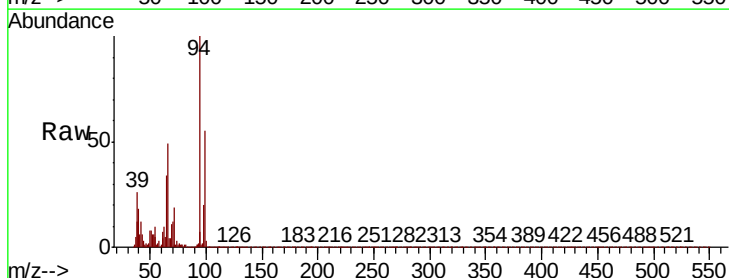
Tgt Ion: 94 Resp: 26343

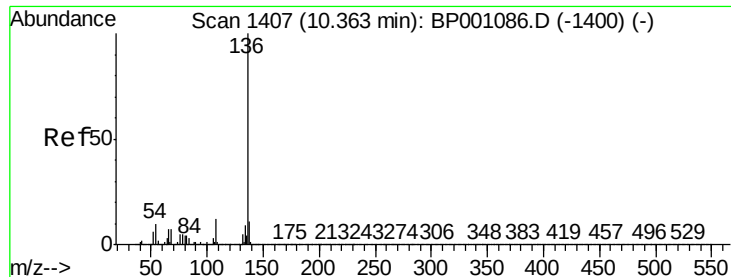
Ion Ratio Lower Upper

94 100

65 34.1 25.6 65.6

66 48.6 52.6 92.6#

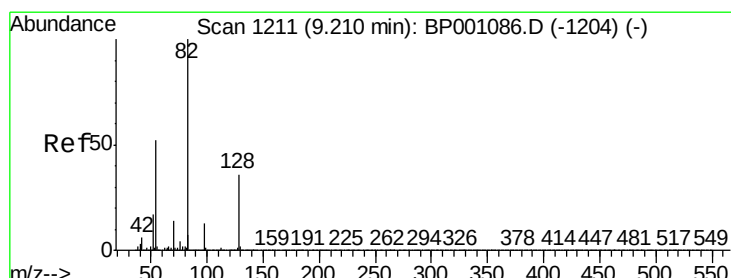
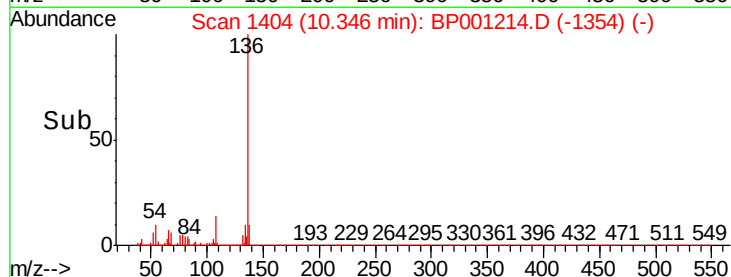
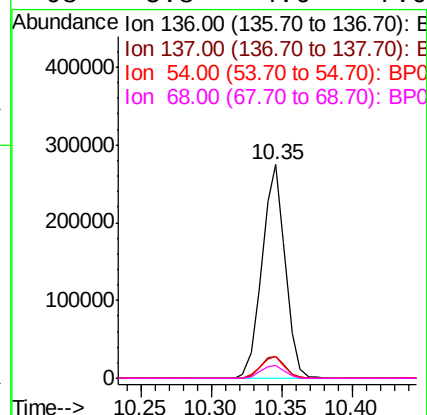
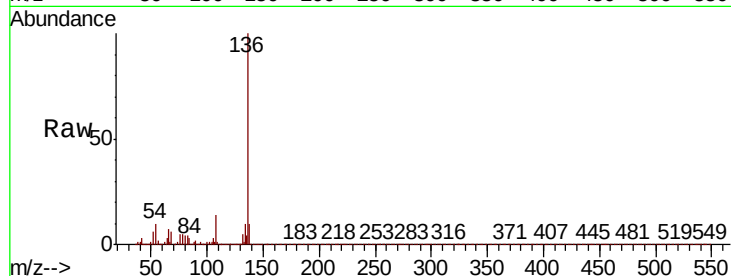




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.35 min Scan# 1404  
Delta R.T. -0.01 min  
Lab File: BP001214.D  
Acq: 05 Dec 2019 16:28

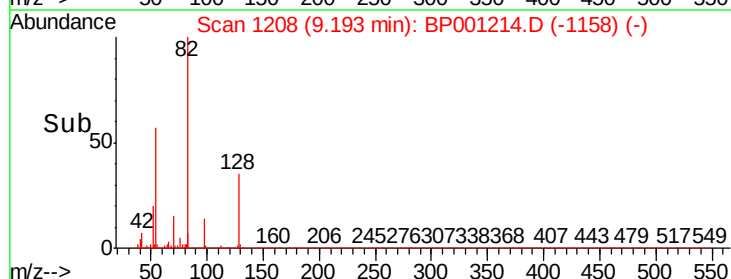
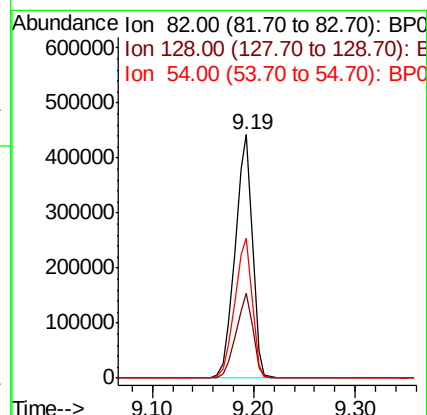
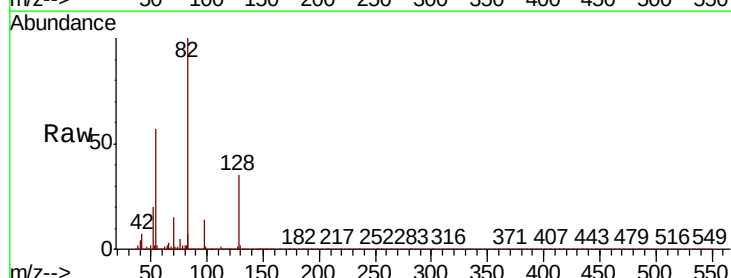
Instrument :  
BNA\_P  
ClientSampleId :  
TH-9

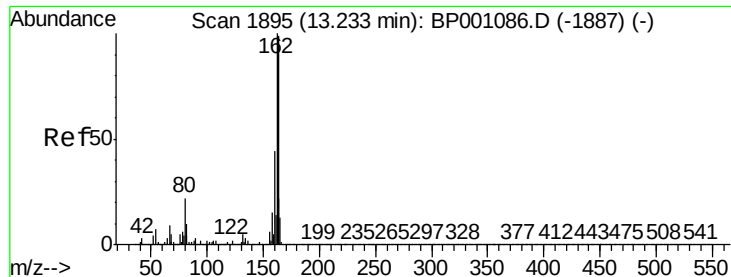
|             |       |        |
|-------------|-------|--------|
| Tot Ion:136 | Resp: | 318207 |
| Ion Ratio   | Lower | Upper  |
| 136 100     |       |        |
| 137 10.5    | 8.4   | 12.6   |
| 54 10.3     | 7.4   | 11.0   |
| 68 5.8      | 4.6   | 7.0    |



#23  
Nitrobenzene-d5  
Concen: 71.855 ng  
RT: 9.19 min Scan# 1208  
Delta R.T. -0.01 min  
Lab File: BP001214.D  
Acq: 05 Dec 2019 16:28

|             |              |
|-------------|--------------|
| Tgt Ion: 82 | Resp: 527008 |
| Ion Ratio   | Lower Upper  |
| 82 100      |              |
| 128 35.1    | 27.5 41.3    |
| 54 57.4     | 45.7 68.5    |

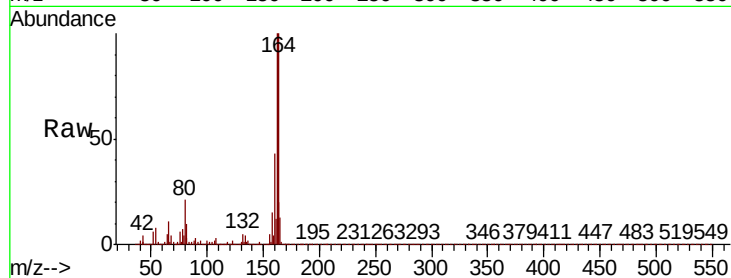




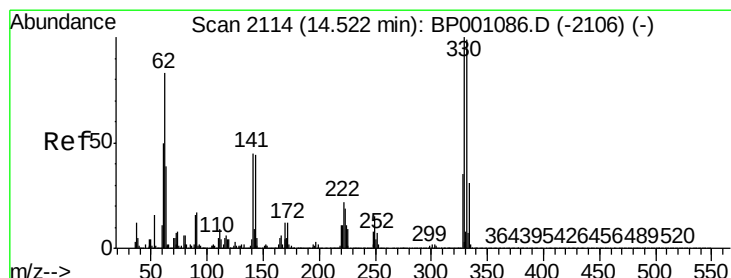
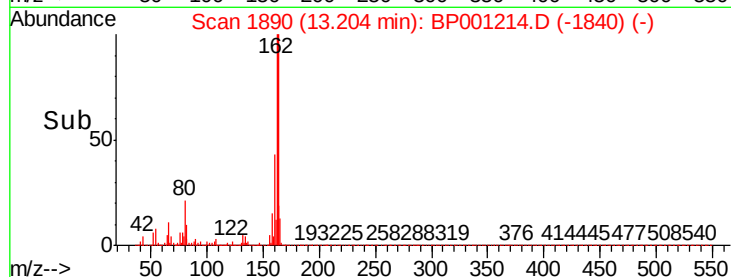
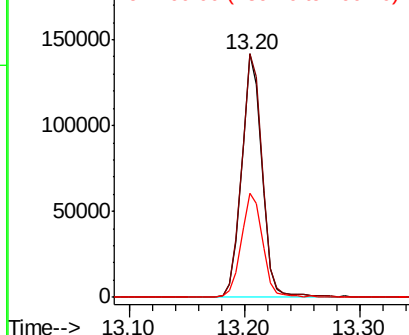
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 13.20 min Scan# 1890  
Delta R.T. -0.01 min  
Lab File: BP001214.D  
Acq: 05 Dec 2019 16:28

Instrument :  
BNA\_P  
ClientSampleId :  
TH-9

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 100.0 | 80.7  | 121.1 |
| 160     | 42.5  | 36.3  | 54.5  |

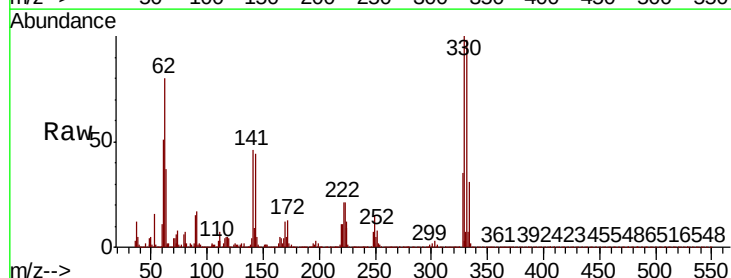


Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

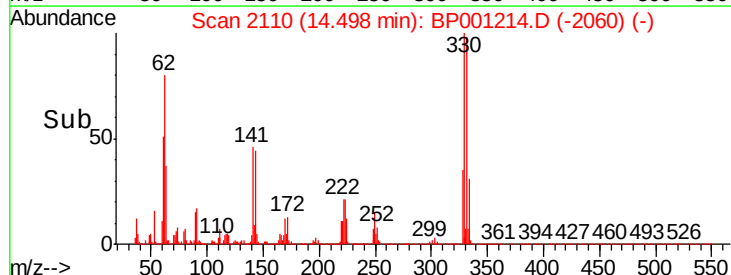
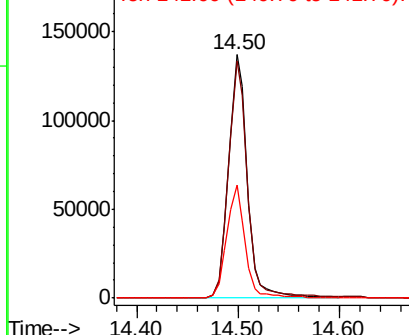


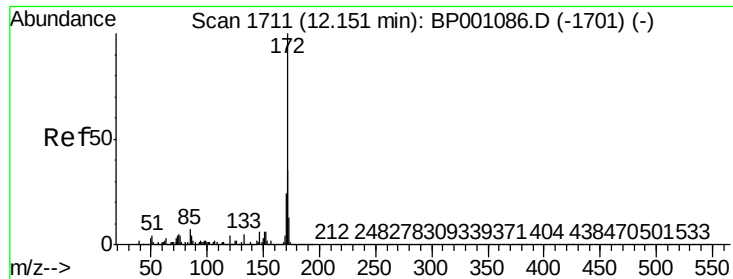
#42  
2,4,6-Tribromophenol  
Concen: 107.366 ng  
RT: 14.50 min Scan# 2110  
Delta R.T. -0.01 min  
Lab File: BP001214.D  
Acq: 05 Dec 2019 16:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 99.2  | 79.1  | 118.7 |
| 141     | 45.8  | 35.9  | 53.9  |



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

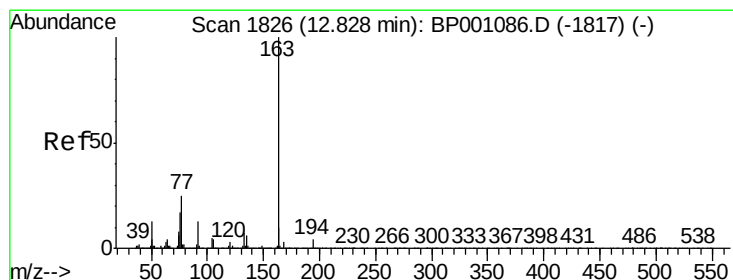
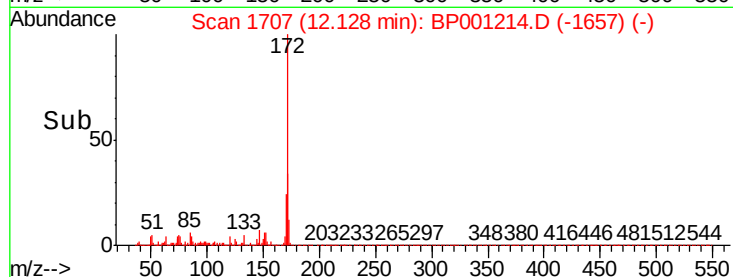
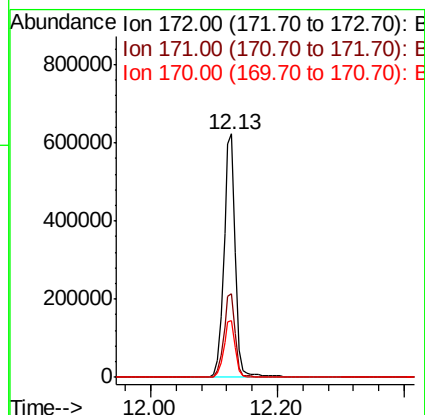
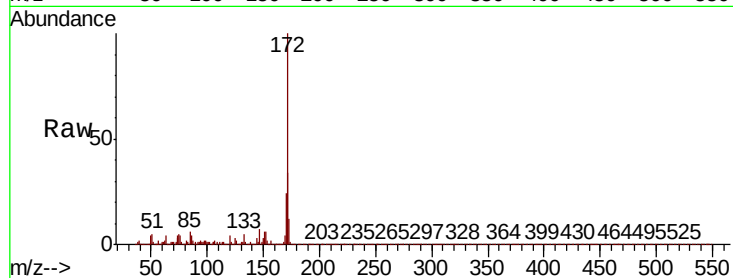




#45  
2-Fluorobiphenyl  
Concen: 68.126 ng  
RT: 12.13 min Scan# 1707  
Delta R.T. -0.01 min  
Lab File: BP001214.D  
Acq: 05 Dec 2019 16:28

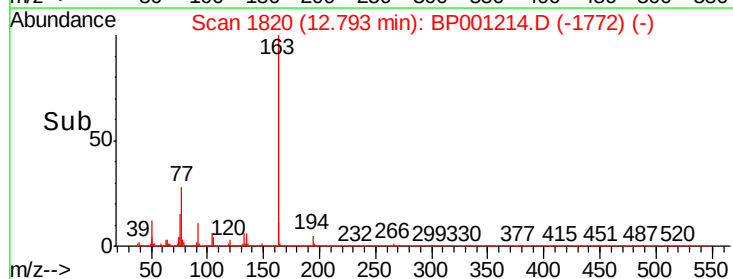
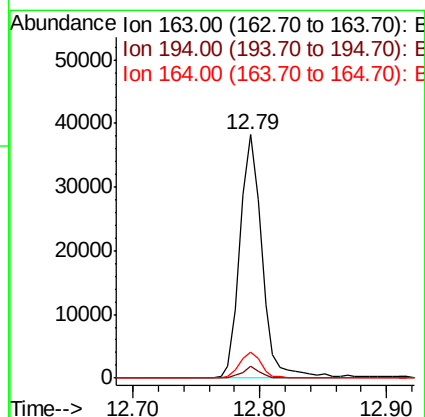
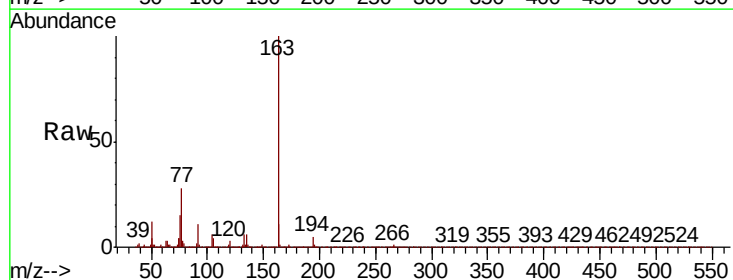
Instrument :  
BNA\_P  
ClientSampleId :  
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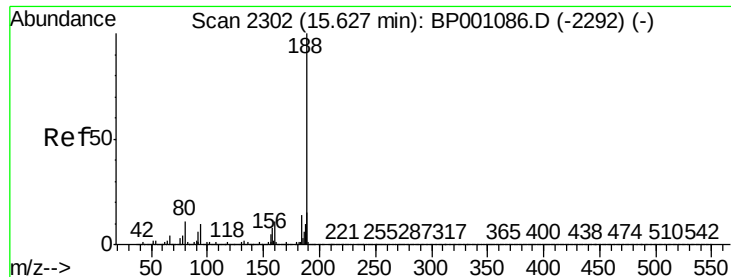
Tot Ion:172 Resp: 803743  
Ion Ratio Lower Upper  
172 100  
171 34.5 28.7 43.1  
170 23.6 19.2 28.8



#50  
Dimethylphthalate  
Concen: 3.569 ng  
RT: 12.79 min Scan# 1820  
Delta R.T. -0.02 min  
Lab File: BP001214.D  
Acq: 05 Dec 2019 16:28

Tgt Ion:163 Resp: 46094  
Ion Ratio Lower Upper  
163 100  
194 5.0 3.1 4.7#  
164 10.5 8.2 12.4

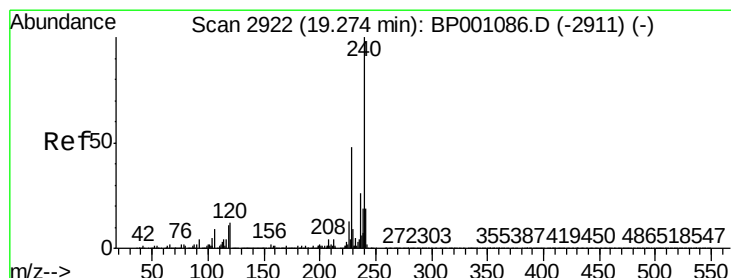
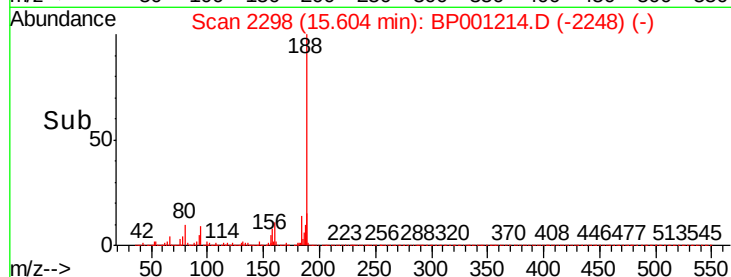
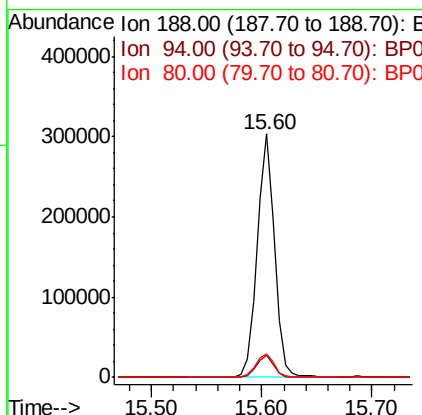
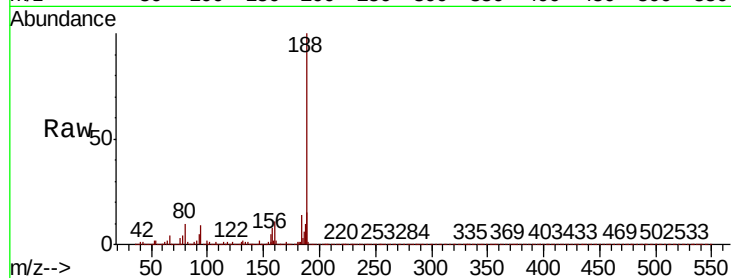




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 15.60 min Scan# 2298  
Delta R.T. -0.01 min  
Lab File: BP001214.D  
Acq: 05 Dec 2019 16:28

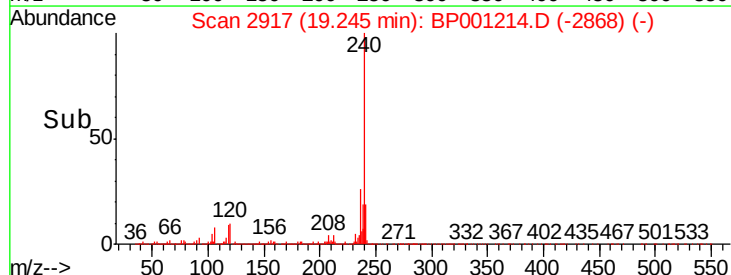
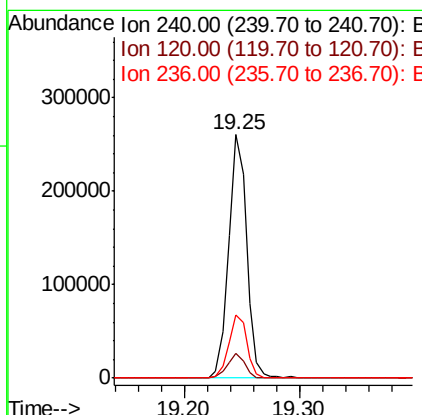
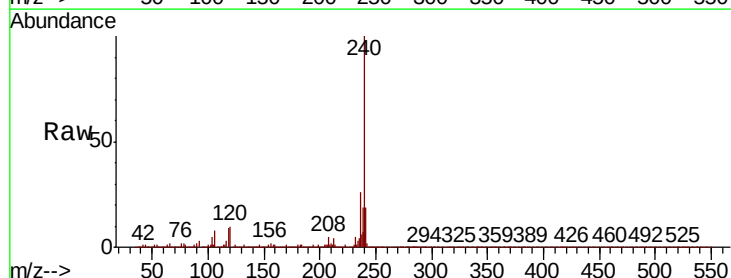
Instrument :  
BNA\_P  
ClientSampleId :  
TH-9

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 9.0   | 7.1   | 10.7  |
| 80      | 9.9   | 7.8   | 11.6  |

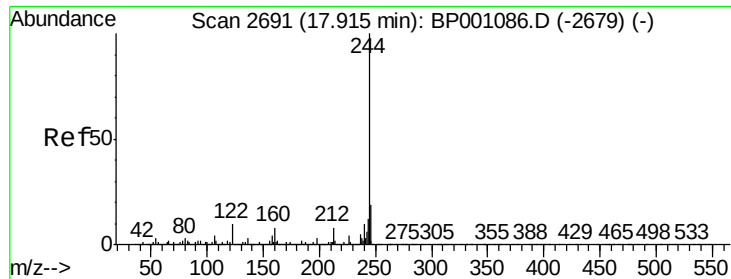


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 19.25 min Scan# 2917  
Delta R.T. -0.01 min  
Lab File: BP001214.D  
Acq: 05 Dec 2019 16:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 10.0  | 7.0   | 10.6  |
| 236     | 26.0  | 21.7  | 32.5  |







#79

Terphenyl-d14

Concen: 64.230 ng

RT: 17.89 min Scan# 2687

Delta R.T. 0.00 min

Lab File: BP001214.D

Acq: 05 Dec 2019 16:28

Instrument :

BNA\_P

ClientSampleId :

TH-9

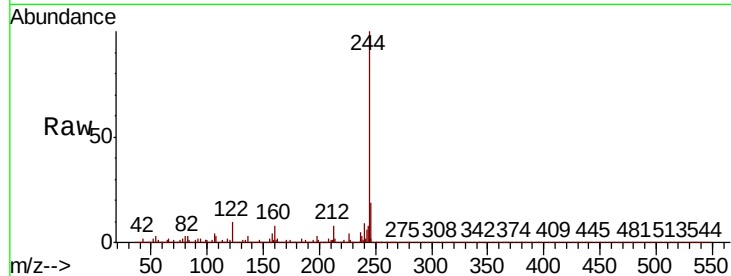
Tot Ion:244 Resp: 983134

Ion Ratio Lower Upper

244 100

212 7.7 6.6 9.8

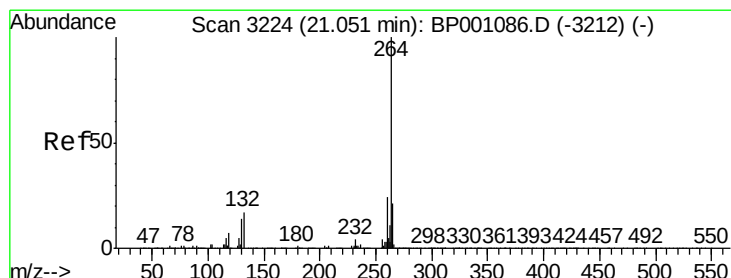
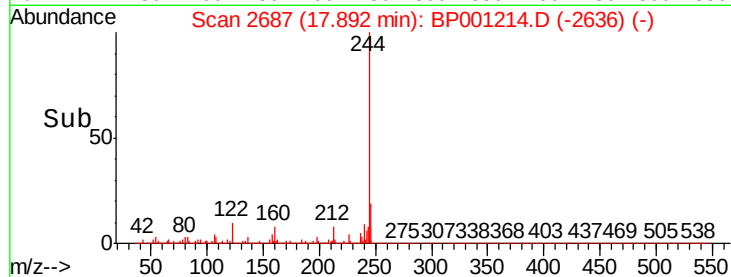
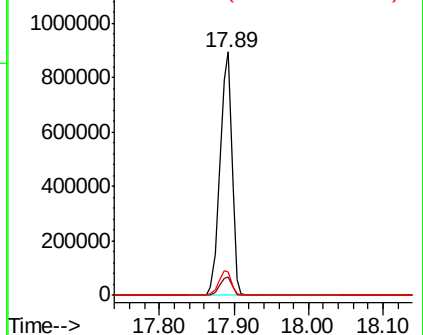
122 9.6 9.2 13.8



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: 21.02 min Scan# 3219

Delta R.T. -0.01 min

Lab File: BP001214.D

Acq: 05 Dec 2019 16:28

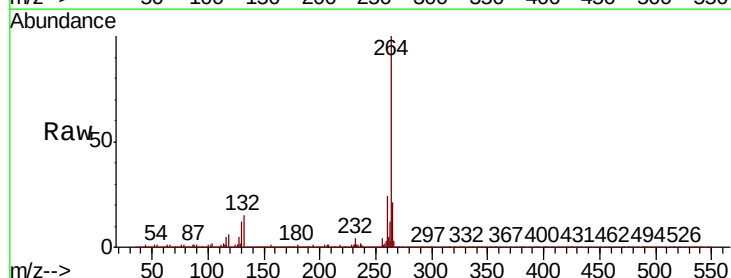
Tgt Ion:264 Resp: 299591

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.0

265 21.1 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

