

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100319\  
 Data File : BP000503.D  
 Acq On : 03 Oct 2019 18:22  
 Operator : JU  
 Sample : K5131-14  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 20190828-COMPOSITE-D

Quant Time: Oct 04 02:03:38 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 01 18:03:42 2019  
 Response via : Initial Calibration

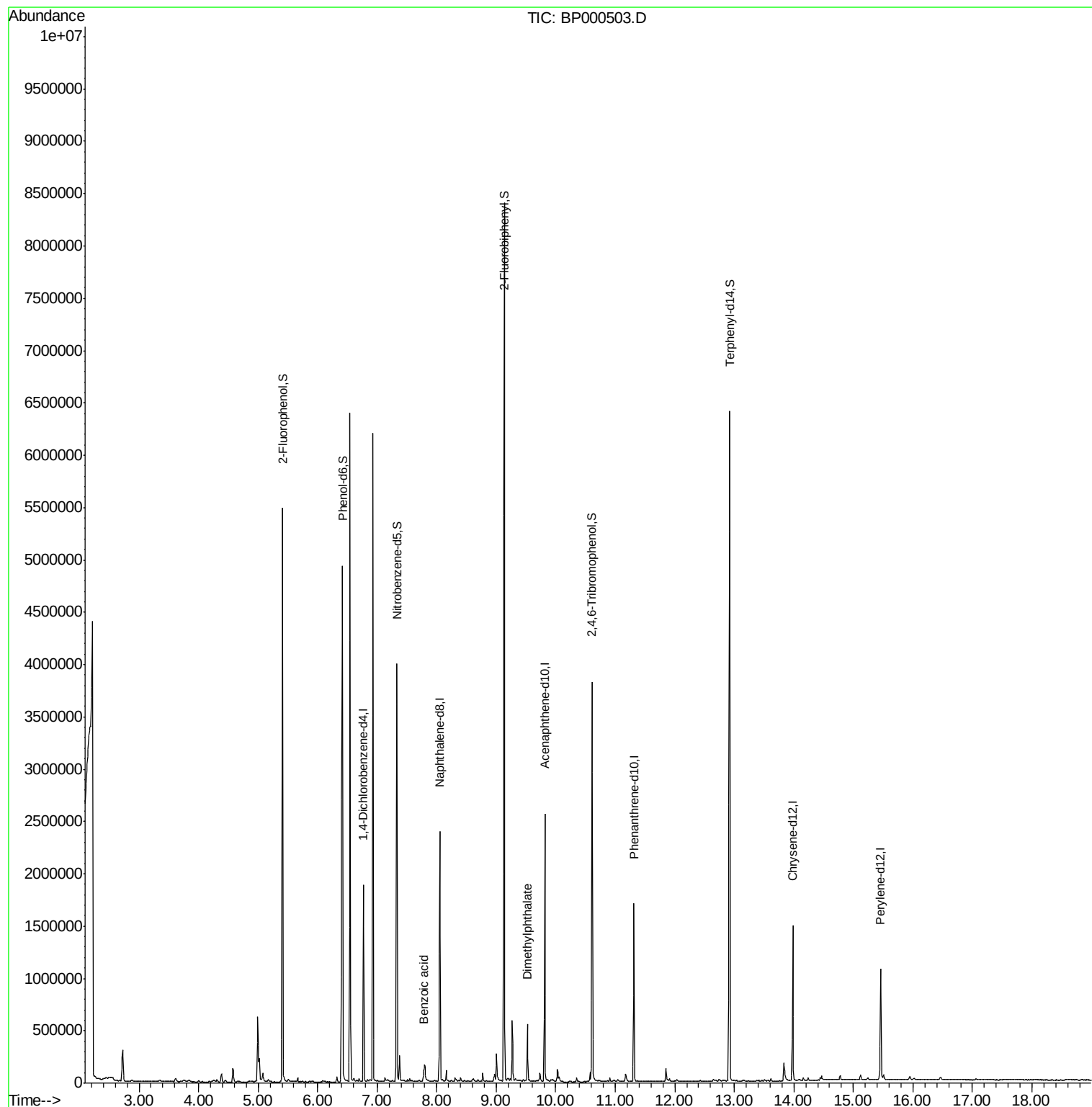
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.77  | 152  | 287638   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.05  | 136  | 1017964  | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.82  | 164  | 518814   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.31 | 188  | 566641   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 13.98 | 240  | 485411   | 20.00  | ng    | 0.00     |
| 87) Perylene-d12            | 15.46 | 264  | 516088   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.41  | 112  | 1821751  | 101.81 | ng    | 0.02     |
| 7) Phenol-d6                | 6.42  | 99   | 2120330  | 98.33  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.33  | 82   | 1434191  | 86.05  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.61 | 330  | 576390   | 104.26 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.13  | 172  | 2887640  | 90.06  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.92 | 244  | 2257453  | 94.16  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 32) Benzoic acid            | 7.79  | 122  | 32305    | 3.948  | ng    | 99       |
| 50) Dimethylphthalate       | 9.53  | 163  | 199009   | 5.520  | ng    | 100      |

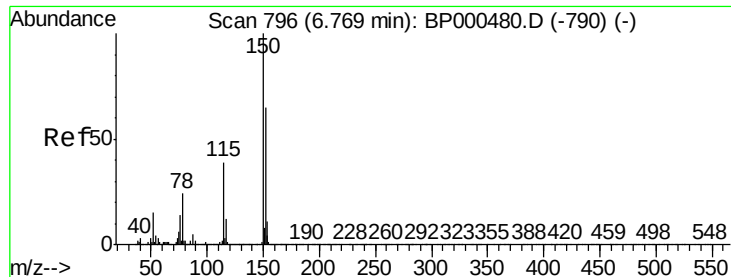
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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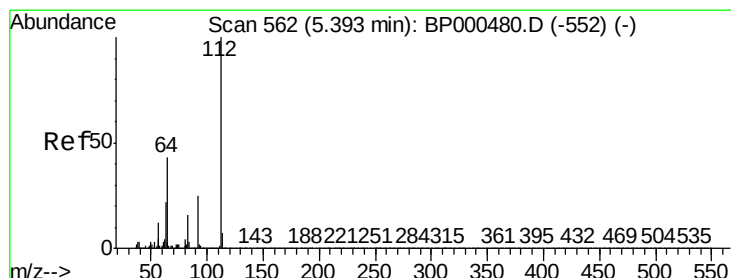
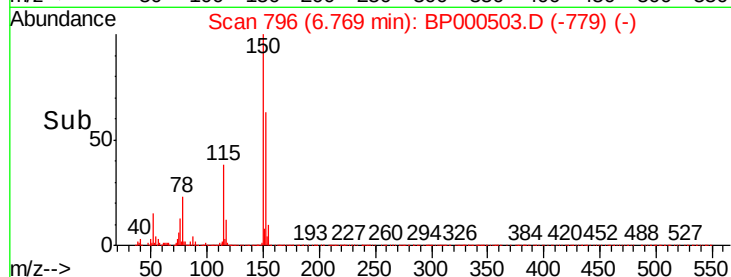
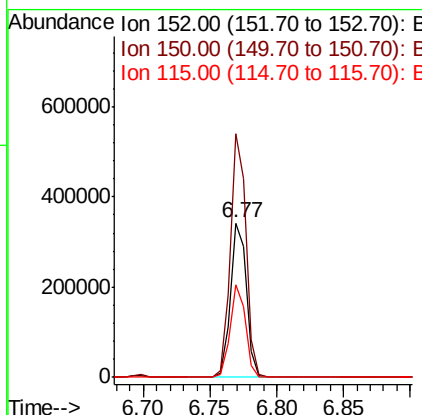
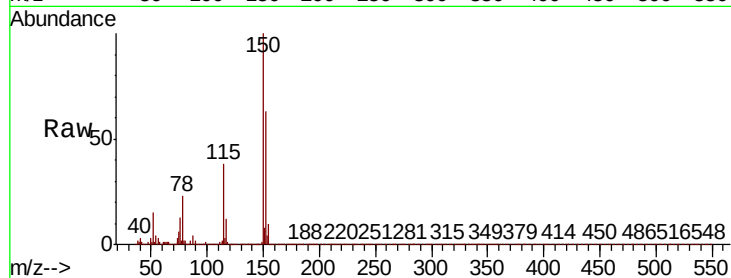


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.77 min Scan# 796  
Delta R.T. -0.00 min  
Lab File: BP000503.D  
Acq: 03 Oct 2019 18:22

Instrument :  
BNA\_P  
ClientSampleId :  
20190828-COMPOSITE-D

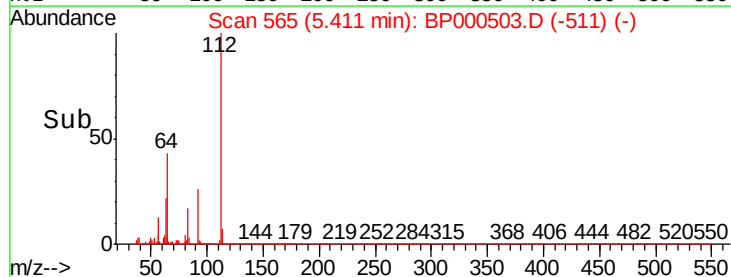
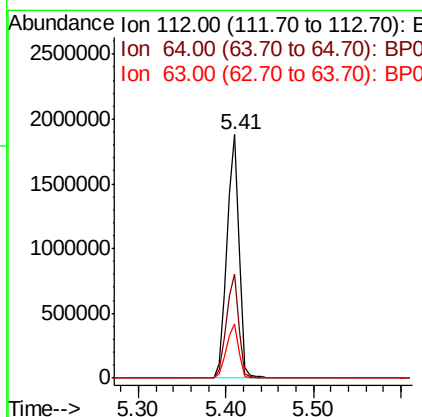
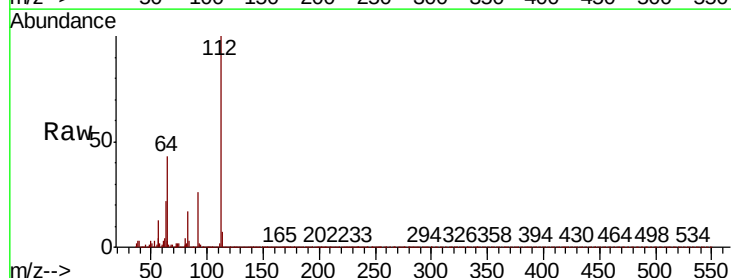
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 157.9 | 124.1 | 186.1 |
| 115     | 60.4  | 48.7  | 73.1  |

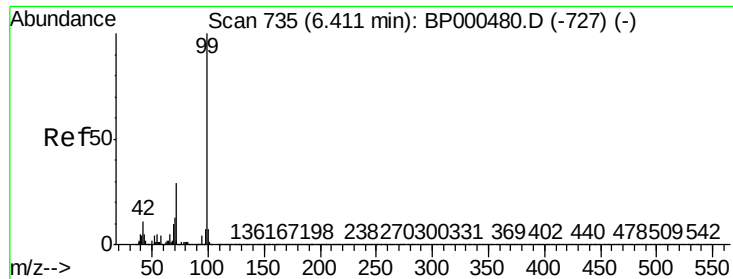


#5

2-Fluorophenol  
Concen: 101.807 ng  
RT: 5.41 min Scan# 565  
Delta R.T. 0.02 min  
Lab File: BP000503.D  
Acq: 03 Oct 2019 18:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 42.6  | 34.2  | 51.4  |
| 63      | 22.5  | 17.9  | 26.9  |





#7

Phenol-d6

Concen: 98.331 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BP000503.D

Acq: 03 Oct 2019 18:22

Instrument :

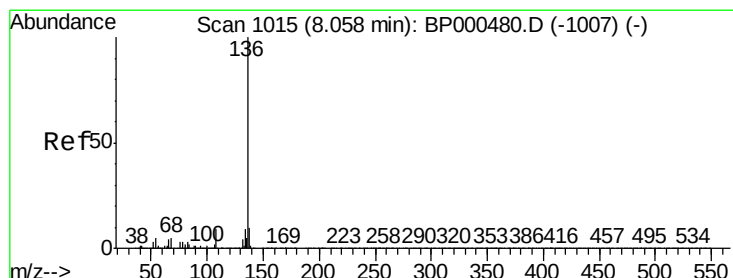
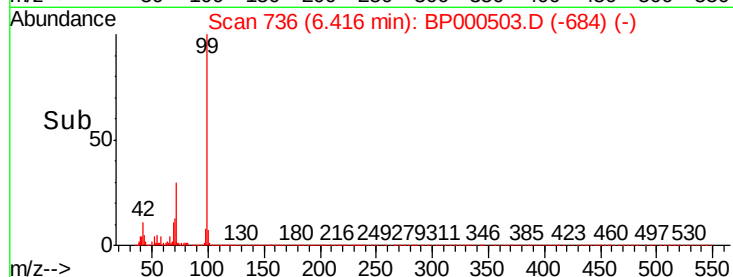
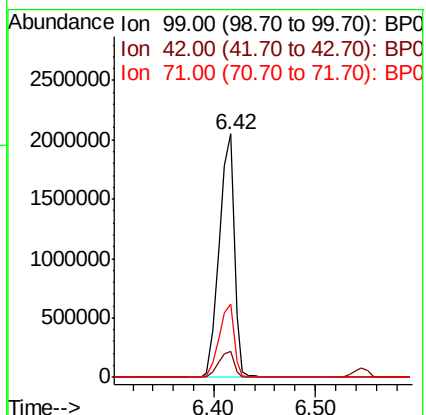
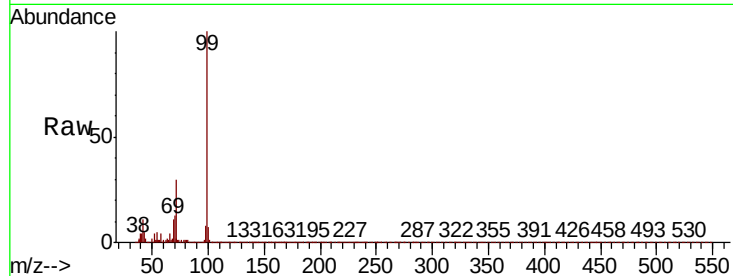
BNA\_P

ClientSampleId :

20190828-COMPOSITE-D

Tot Ion: 99 Resp: 2120330

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 10.9  | 8.6   | 12.8  |
| 71  | 30.2  | 23.0  | 34.4  |



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

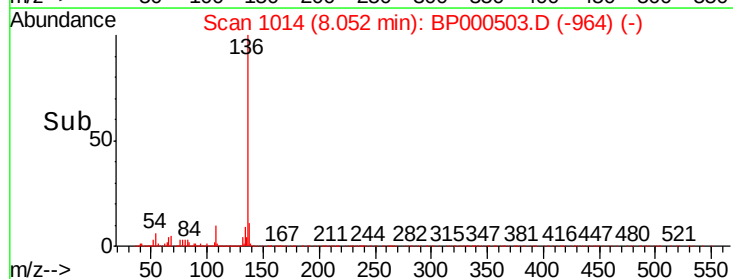
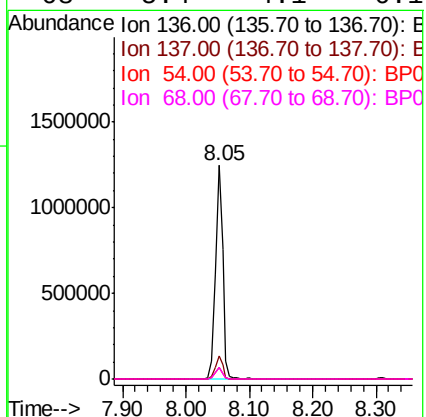
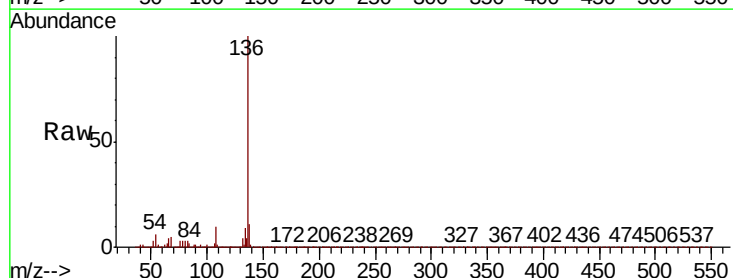
Delta R.T. -0.01 min

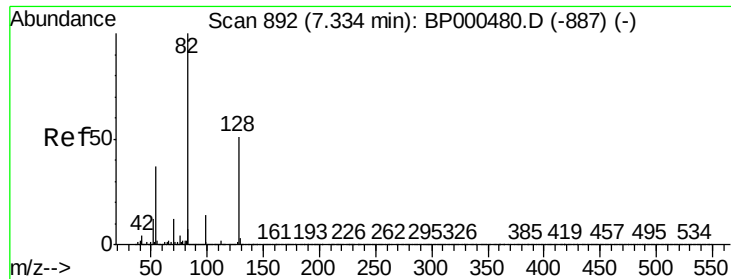
Lab File: BP000503.D

Acq: 03 Oct 2019 18:22

Tgt Ion: 136 Resp: 1017964

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.1  | 8.2   | 12.4  |
| 54  | 5.6   | 4.1   | 6.1   |
| 68  | 5.4   | 4.1   | 6.1   |

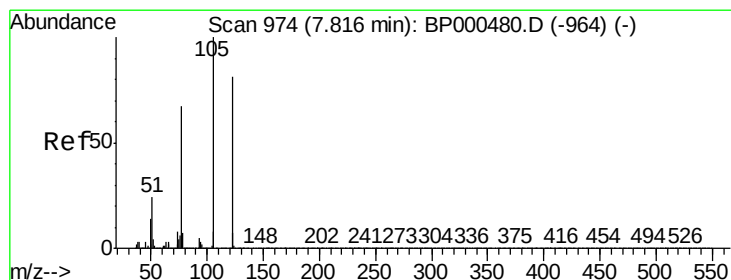
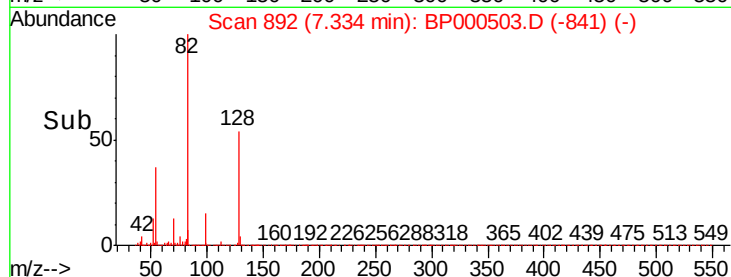
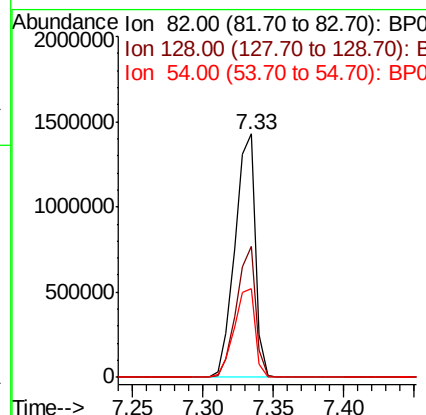
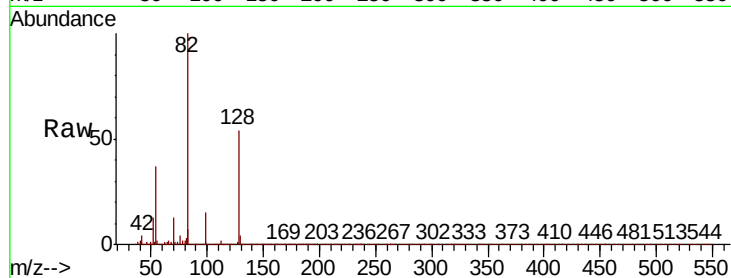




#23  
Nitrobenzene-d5  
Concen: 86.048 ng  
RT: 7.33 min Scan# 892  
Delta R.T. -0.00 min  
Lab File: BP000503.D  
Acq: 03 Oct 2019 18:22

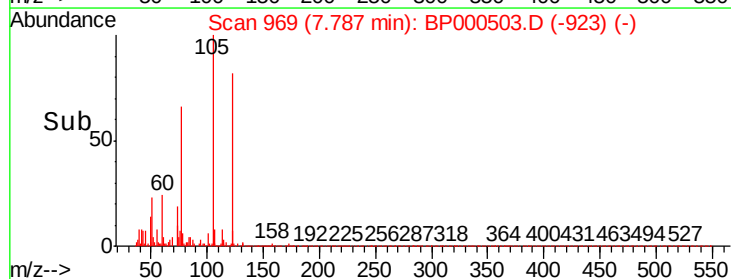
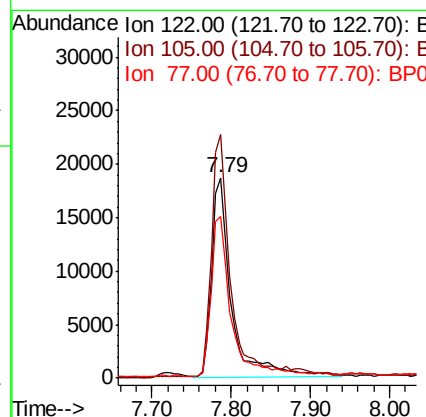
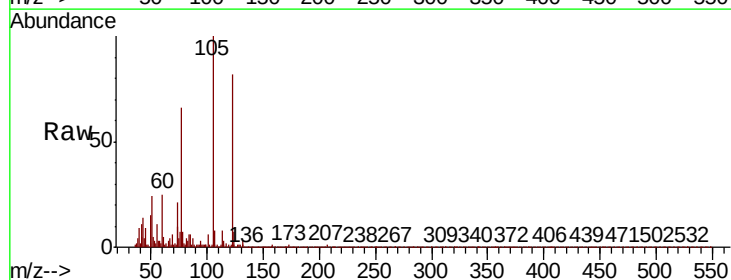
Instrument :  
BNA\_P  
ClientSampleId :  
20190828-COMPOSITE-D

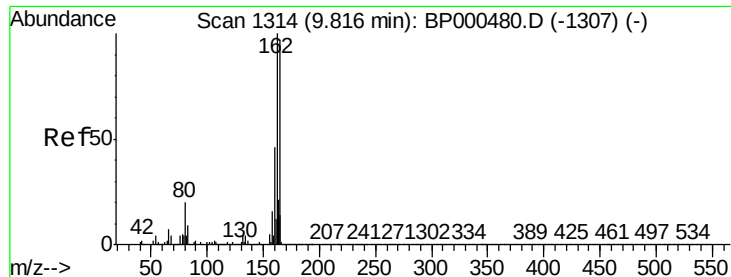
Tot Ion: 82 Resp: 1434191  
Ion Ratio Lower Upper  
82 100  
128 53.5 40.9 61.3  
54 36.7 29.4 44.2



#32  
Benzoic acid  
Concen: 3.948 ng  
RT: 7.79 min Scan# 969  
Delta R.T. -0.03 min  
Lab File: BP000503.D  
Acq: 03 Oct 2019 18:22

Tgt Ion:122 Resp: 32305  
Ion Ratio Lower Upper  
122 100  
105 121.7 101.4 141.4  
77 80.6 62.1 102.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.00 min

Lab File: BP000503.D

Acq: 03 Oct 2019 18:22

Instrument :

BNA\_P

ClientSampleId :

20190828-COMPOSITE-D

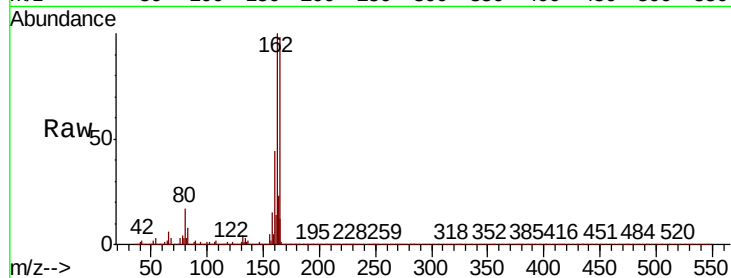
Tot Ion:164 Resp: 518814

Ion Ratio Lower Upper

164 100

162 102.4 82.2 123.2

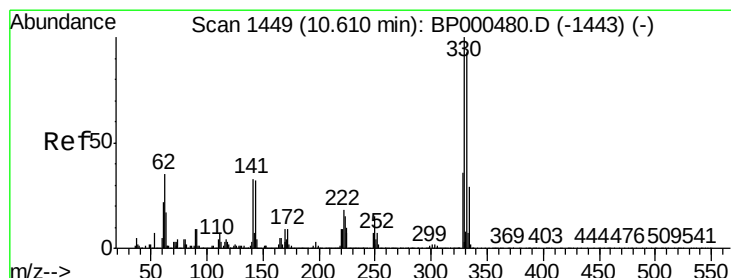
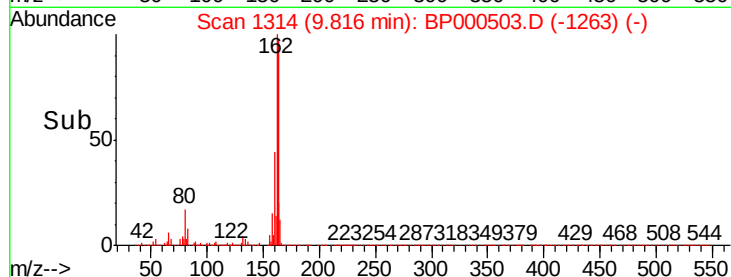
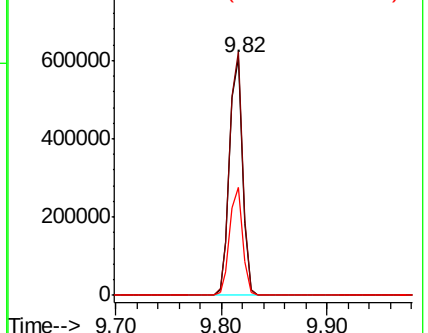
160 45.4 37.6 56.4



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: 104.257 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.00 min

Lab File: BP000503.D

Acq: 03 Oct 2019 18:22

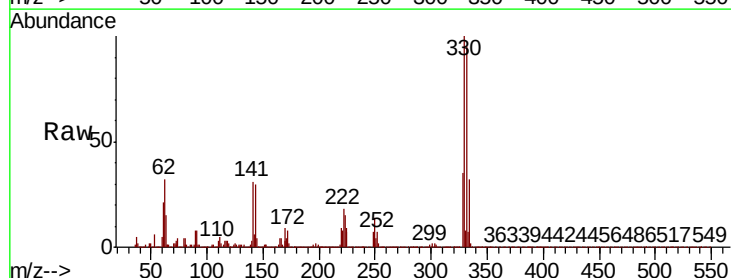
Tgt Ion:330 Resp: 576390

Ion Ratio Lower Upper

330 100

332 96.4 77.1 115.7

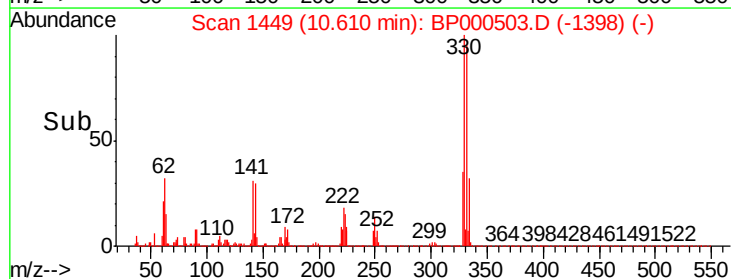
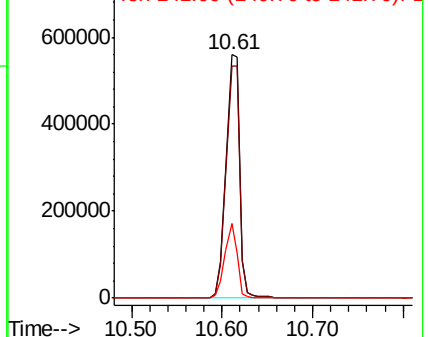
141 28.1 26.0 39.0

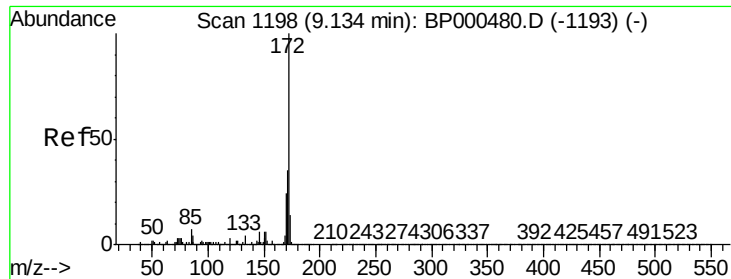


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

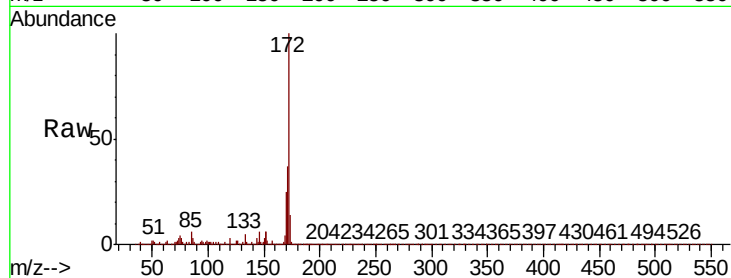




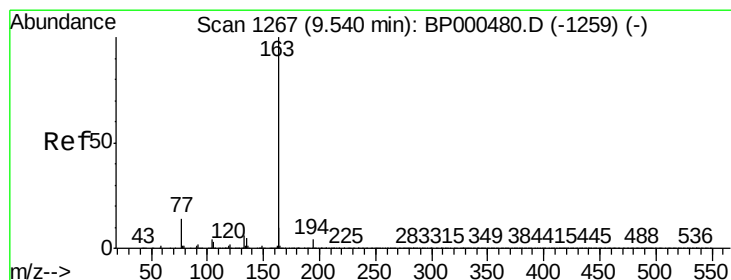
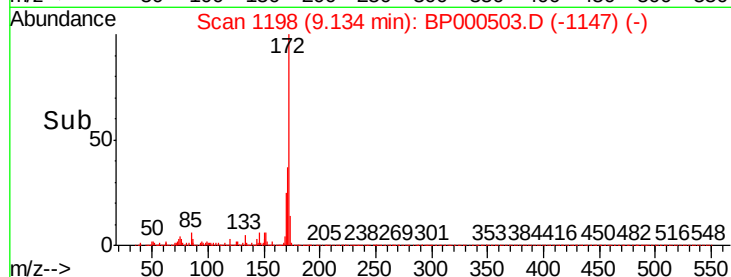
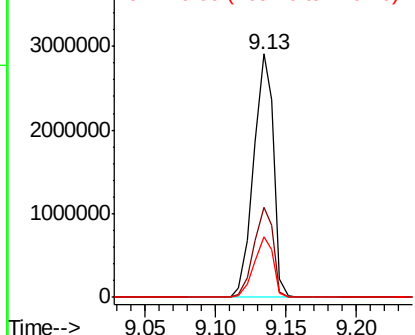
#45  
2-Fluorobiphenyl  
Concen: 90.055 ng  
RT: 9.13 min Scan# 1198  
Delta R.T. -0.00 min  
Lab File: BP000503.D  
Acq: 03 Oct 2019 18:22

Instrument :  
BNA\_P  
ClientSampleId :  
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Tot Ion:172 Resp: 2887640  
Ion Ratio Lower Upper  
172 100  
171 37.2 28.4 42.6  
170 24.8 19.1 28.7

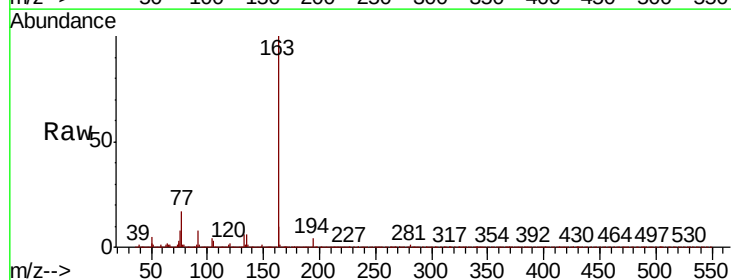


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

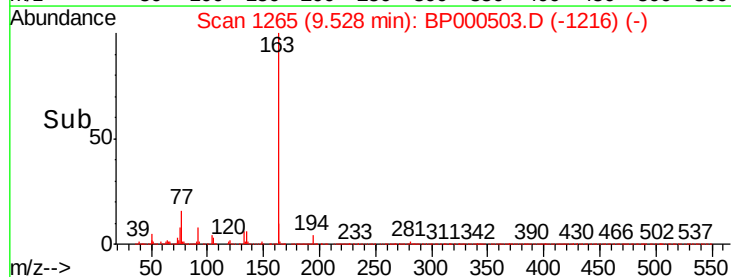
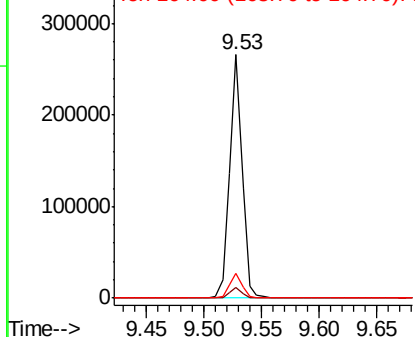


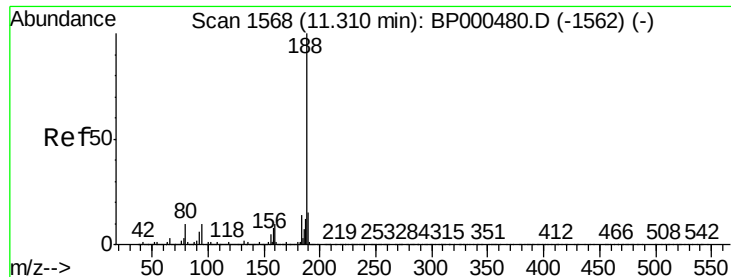
#50  
Dimethylphthalate  
Concen: 5.520 ng  
RT: 9.53 min Scan# 1265  
Delta R.T. -0.01 min  
Lab File: BP000503.D  
Acq: 03 Oct 2019 18:22

Tgt Ion:163 Resp: 199009  
Ion Ratio Lower Upper  
163 100  
194 4.3 3.4 5.2  
164 10.1 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

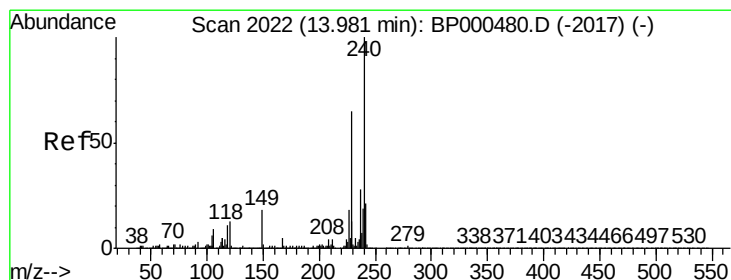
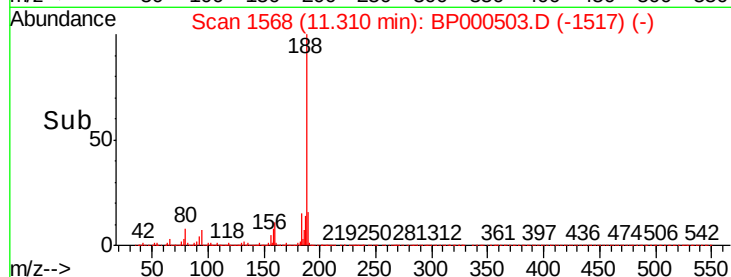
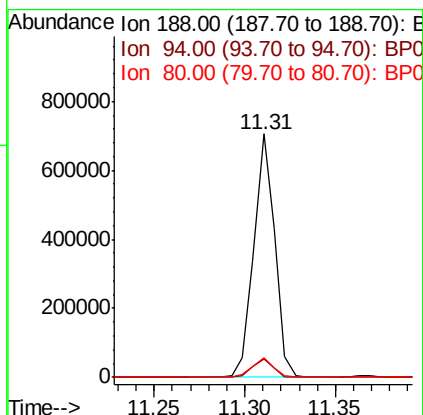
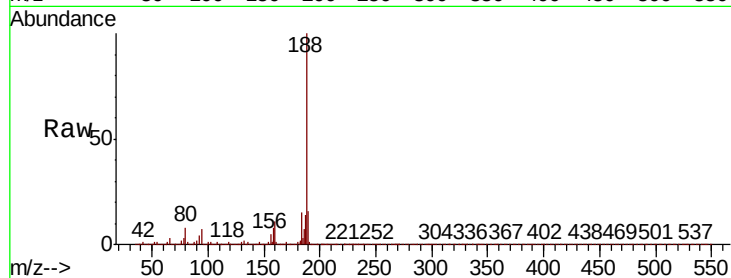




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.31 min Scan# 1568  
Delta R.T. -0.00 min  
Lab File: BP000503.D  
Acq: 03 Oct 2019 18:22

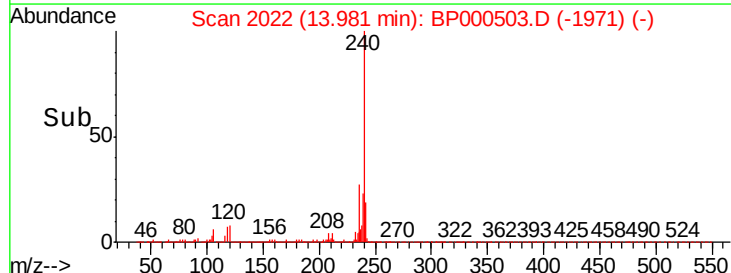
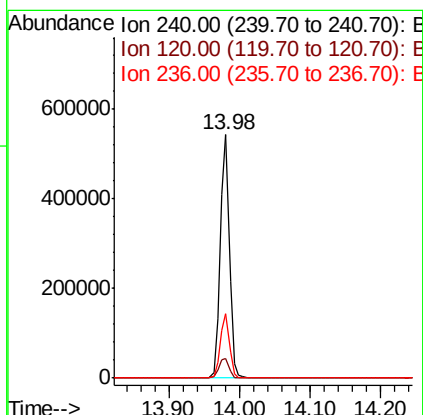
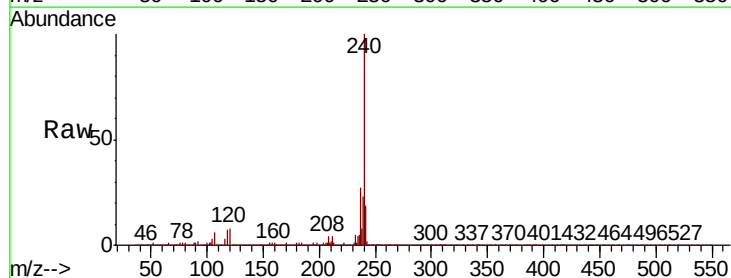
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20190828-COMPOSITE-D

Tot Ion:188 Resp: 566641  
Ion Ratio Lower Upper  
188 100  
94 7.4 8.2 12.2#  
80 7.8 8.3 12.5#

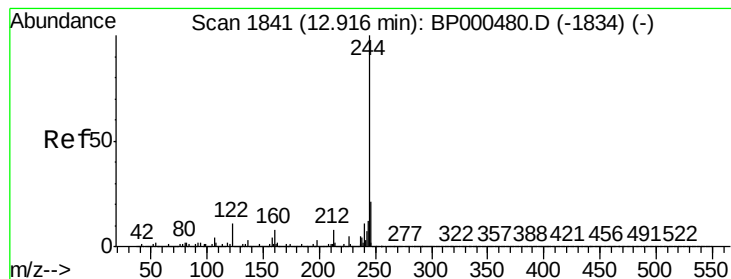


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.98 min Scan# 2022  
Delta R.T. -0.00 min  
Lab File: BP000503.D  
Acq: 03 Oct 2019 18:22

Tgt Ion:240 Resp: 485411  
Ion Ratio Lower Upper  
240 100  
120 8.1 10.1 15.1#  
236 26.5 22.7 34.1







#79

Terphenyl-d14

Concen: 94.162 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.01 min

Lab File: BP000503.D

Acq: 03 Oct 2019 18:22

Instrument :

BNA\_P

ClientSampleId :

20190828-COMPOSITE-D

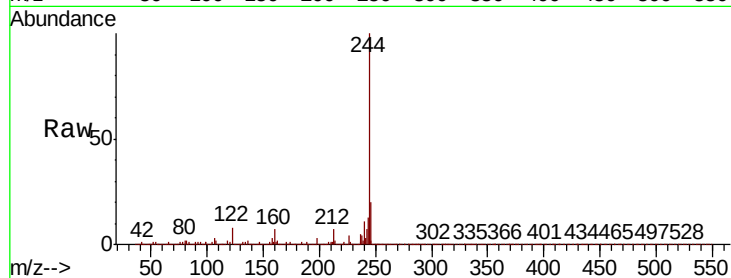
Tot Ion:244 Resp: 2257453

Ion Ratio Lower Upper

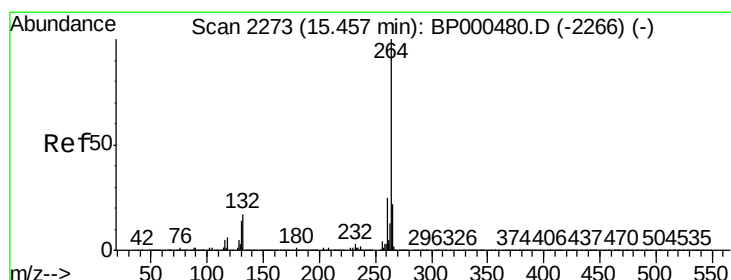
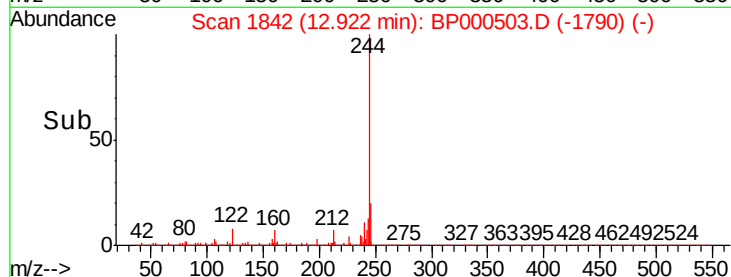
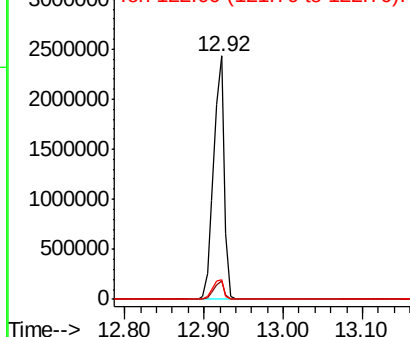
244 100

212 7.4 6.0 9.0

122 8.1 8.9 13.3#



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: 15.46 min Scan# 2273

Delta R.T. -0.00 min

Lab File: BP000503.D

Acq: 03 Oct 2019 18:22

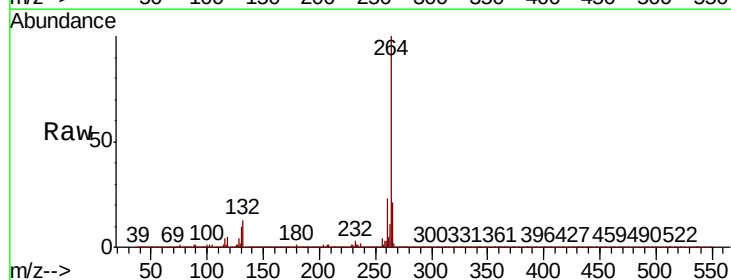
Tgt Ion:264 Resp: 516088

Ion Ratio Lower Upper

264 100

260 23.3 20.3 30.5

265 21.4 18.0 27.0



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

