

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\  
 Data File : BF104662.D  
 Acq On : 20 Apr 2018 7:25  
 Operator : JU/SJ  
 Sample : J2447-03  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 DB-TP-6

Quant Time: Apr 20 08:18:20 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 19 14:44:03 2018  
 Response via : Initial Calibration

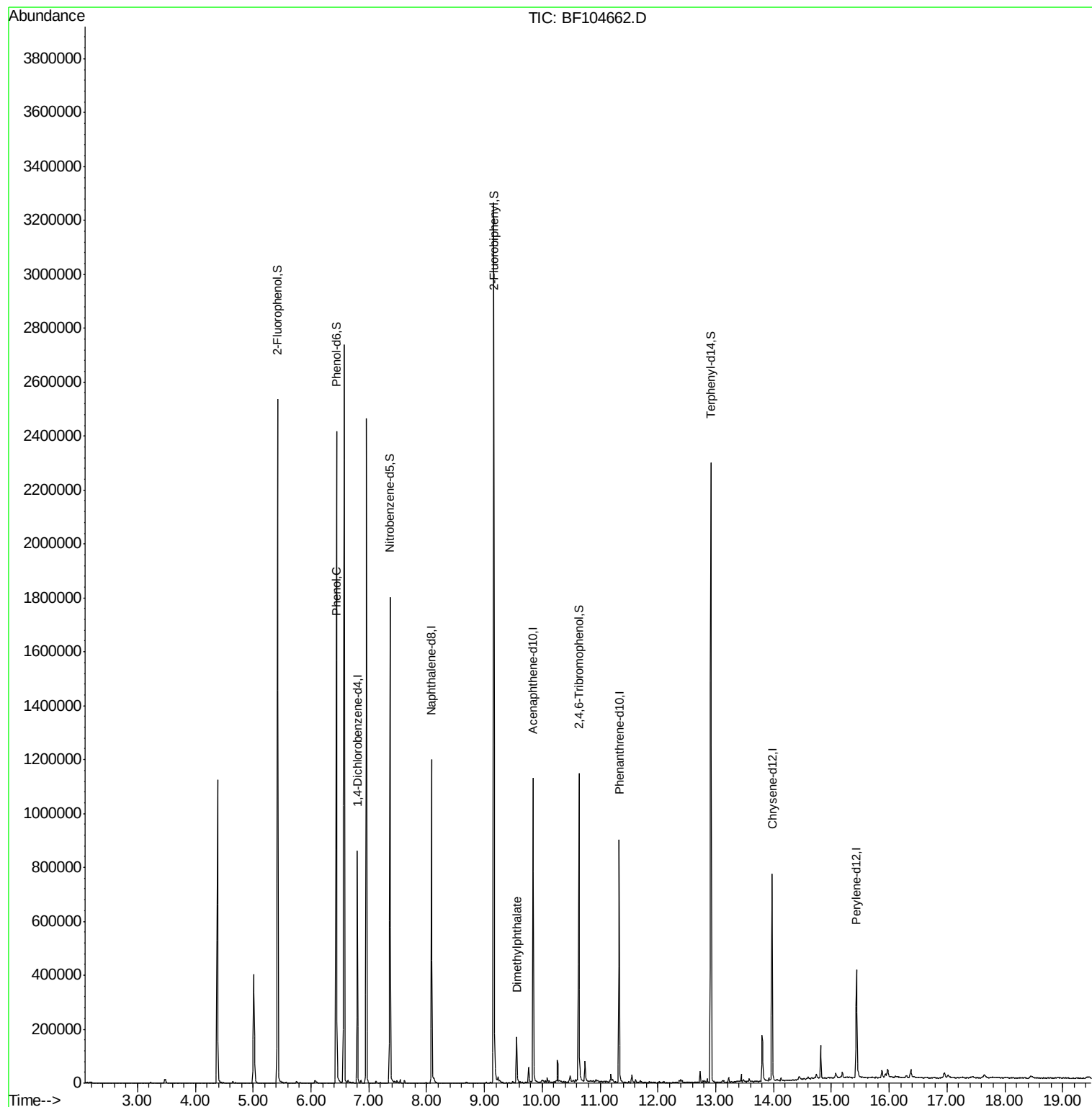
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.80  | 152  | 134557   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.09  | 136  | 534511   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.84  | 164  | 219831   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10        | 11.33 | 188  | 316805   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12            | 13.97 | 240  | 270991   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12            | 15.43 | 264  | 204924   | 20.00 | ng    | -0.01    |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.42  | 112  | 744576   | 84.61 | ng    | 0.00     |
| 7) Phenol-d6                | 6.44  | 99   | 931247   | 86.13 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.37  | 82   | 583560   | 71.29 | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 10.63 | 330  | 156545   | 68.65 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.16  | 172  | 1025879  | 73.72 | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.92 | 244  | 729248   | 61.35 | ng    | 0.00     |
| Target Compounds            |       |      |          |       |       |          |
| 10) Phenol                  | 6.45  | 94   | 27200    | 2.371 | ng    | 98       |
| 49) Dimethylphthalate       | 9.56  | 163  | 79340    | 4.577 | ng    | 100      |

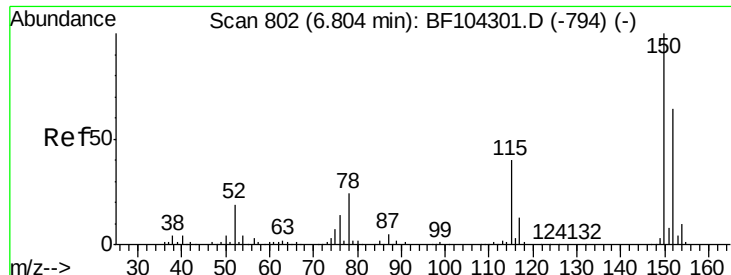
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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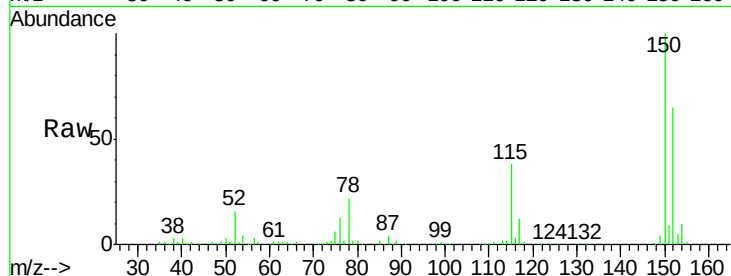


#1

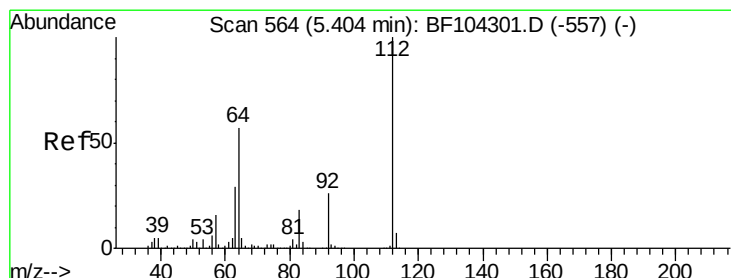
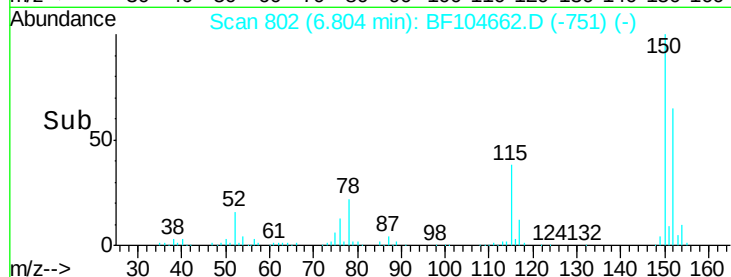
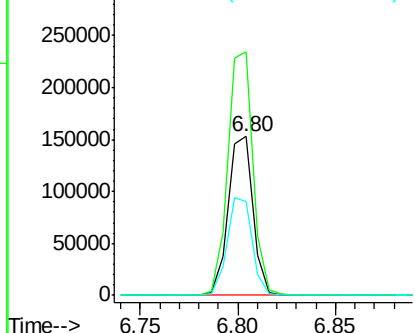
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.80 min Scan# 802  
Delta R.T. 0.00 min  
Lab File: BF104662.D  
Acq: 20 Apr 2018 7:25

Instrument :  
BNA\_F  
ClientSampleId :  
DB-TP-6

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 153.2 | 124.6 | 186.8 |
| 115     | 59.0  | 50.1  | 75.1  |



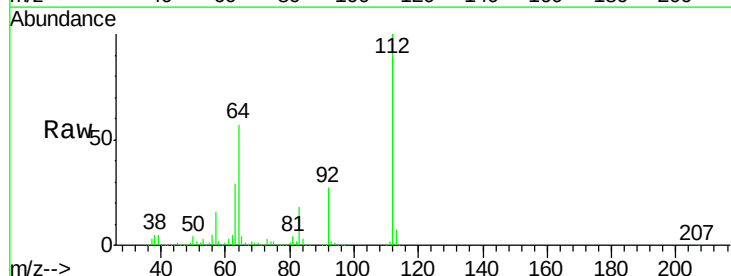
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



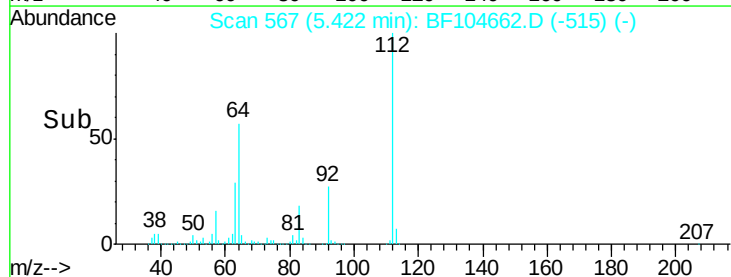
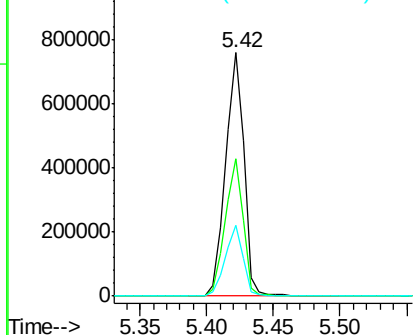
#5

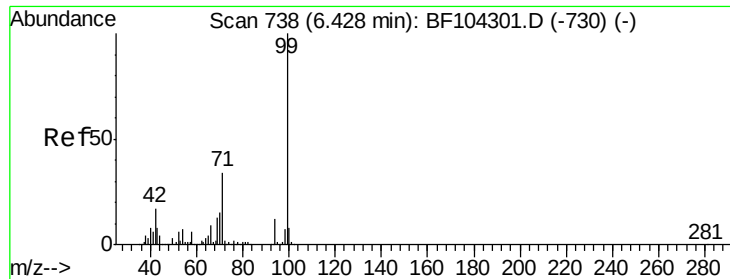
2-Fluorophenol  
Concen: 84.611 ng  
RT: 5.42 min Scan# 567  
Delta R.T. 0.01 min  
Lab File: BF104662.D  
Acq: 20 Apr 2018 7:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 56.6  | 47.9  | 71.9  |
| 63      | 29.2  | 23.7  | 35.5  |



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BF1  
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 86.128 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104662.D

Acq: 20 Apr 2018 7:25

Instrument :

BNA\_F

ClientSampleId :

DB-TP-6

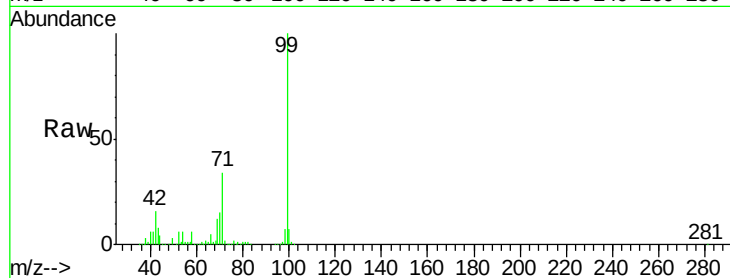
Tot Ion: 99 Resp: 931247

Ion Ratio Lower Upper

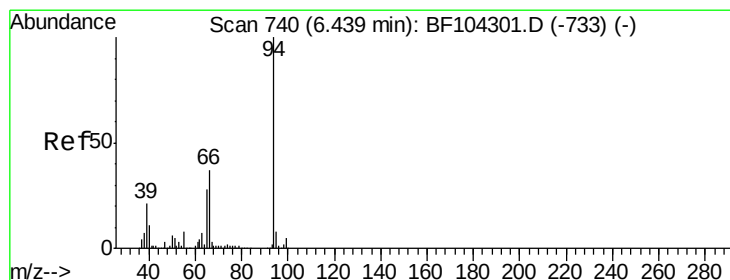
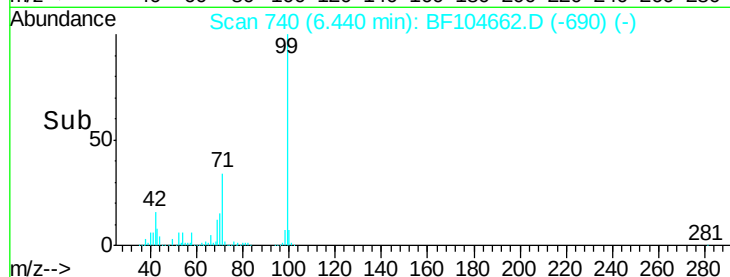
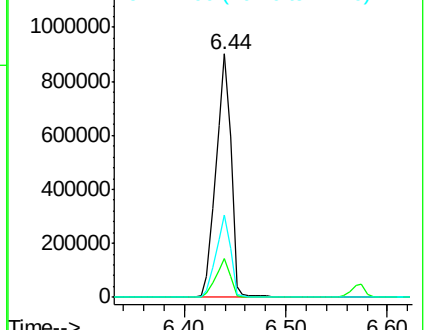
99 100

42 16.0 14.5 21.7

71 33.9 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1  
Ion 42.00 (41.70 to 42.70): BF1  
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.371 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF104662.D

Acq: 20 Apr 2018 7:25

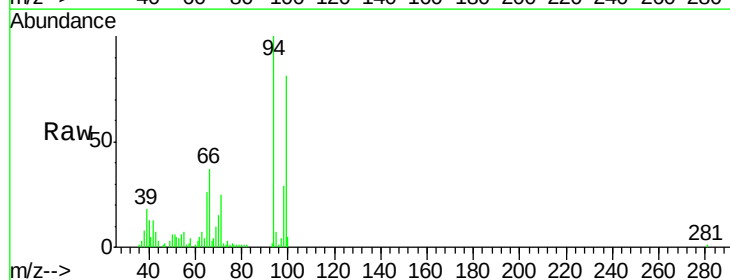
Tgt Ion: 94 Resp: 27200

Ion Ratio Lower Upper

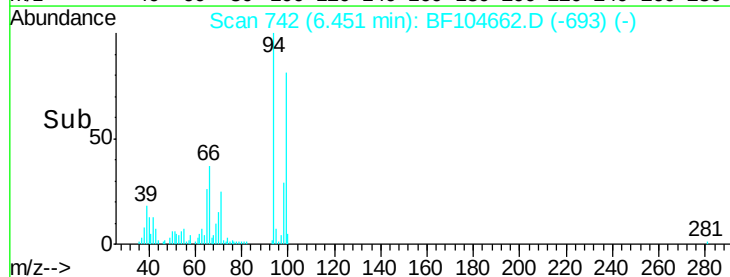
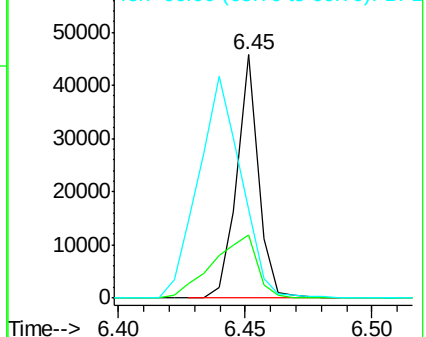
94 100

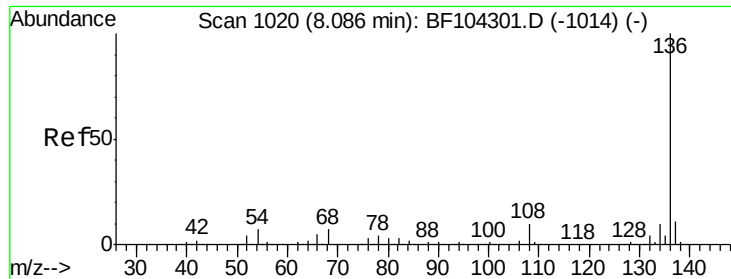
65 26.0 7.9 47.9

66 36.6 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 66.00 (65.70 to 66.70): BF1

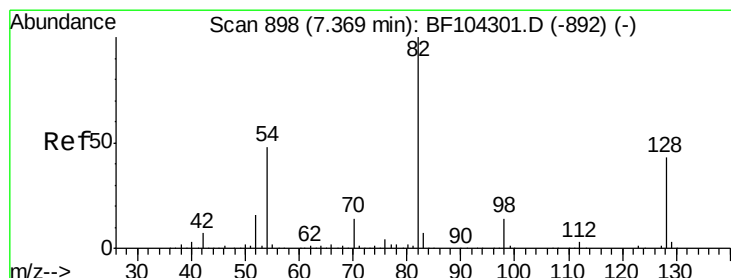
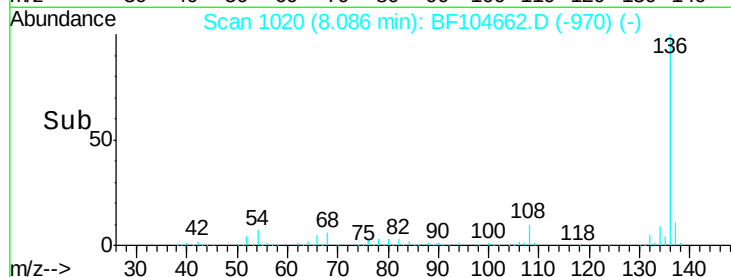
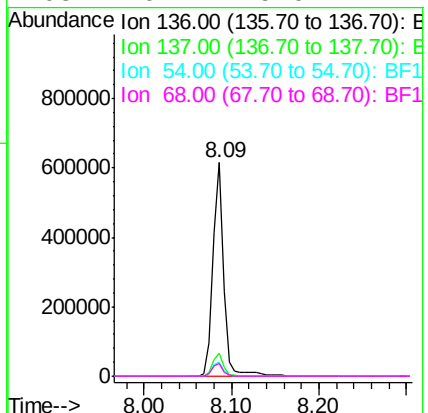
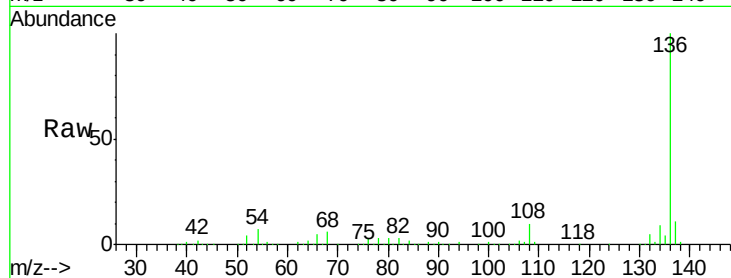




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.09 min Scan# 1020  
Delta R.T. -0.01 min  
Lab File: BF104662.D  
Acq: 20 Apr 2018 7:25

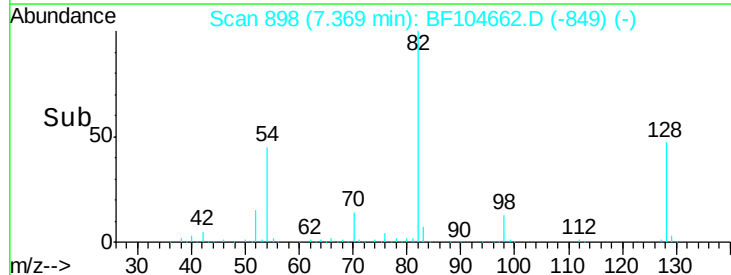
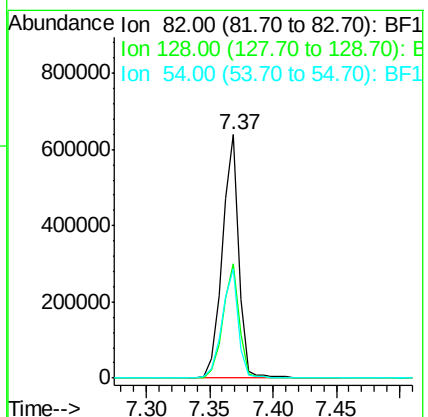
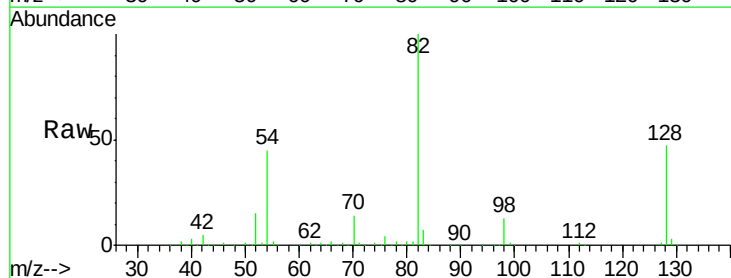
Instrument :  
BNA\_F  
ClientSampleId :  
DB-TP-6

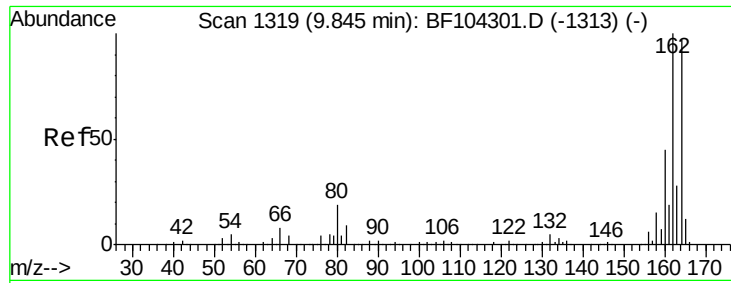
Tot Ion:136 Resp: 534511  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.9 13.3  
54 6.5 6.6 9.8#  
68 6.2 5.0 7.4



#23  
Nitrobenzene-d5  
Concen: 71.290 ng  
RT: 7.37 min Scan# 898  
Delta R.T. -0.01 min  
Lab File: BF104662.D  
Acq: 20 Apr 2018 7:25

Tgt Ion: 82 Resp: 583560  
Ion Ratio Lower Upper  
82 100  
128 47.0 36.1 54.1  
54 44.8 41.4 62.2

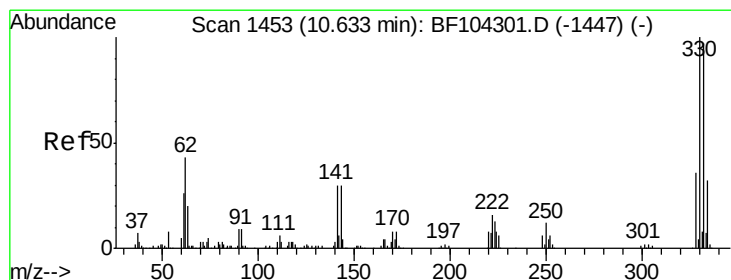
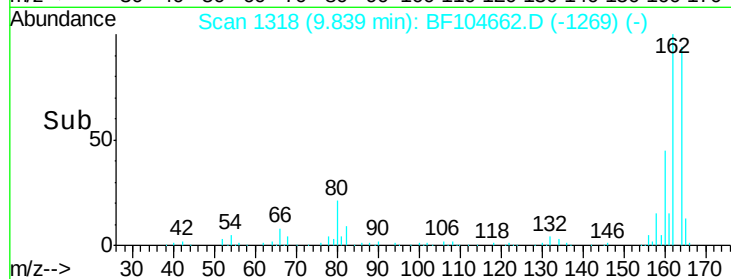
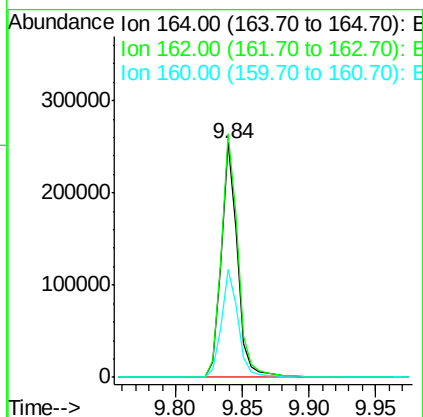
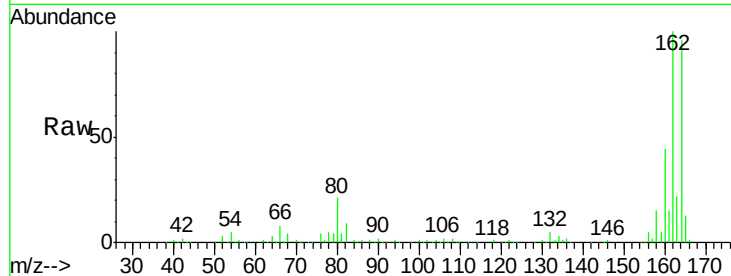




#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.84 min Scan# 1318  
 Delta R.T. -0.01 min  
 Lab File: BF104662.D  
 Acq: 20 Apr 2018 7:25

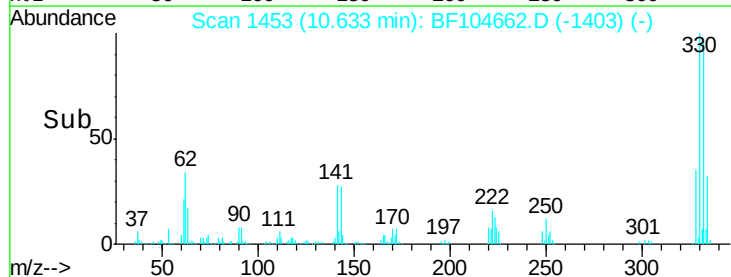
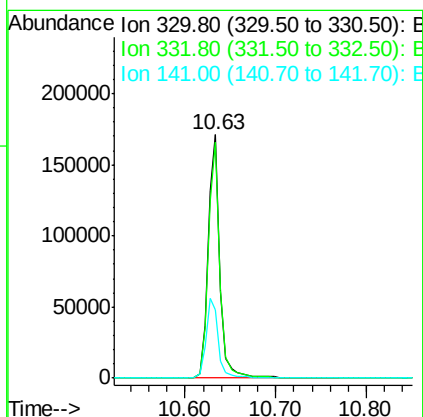
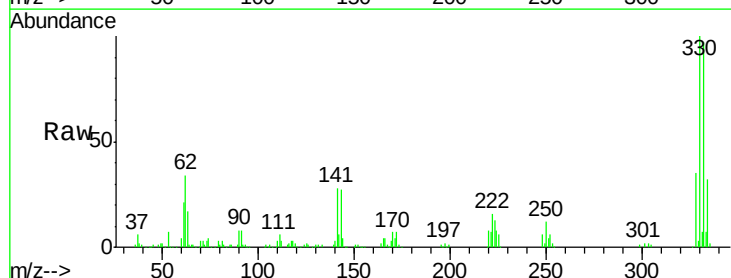
Instrument :  
 BNA\_F  
 ClientSampleId :  
 DB-TP-6

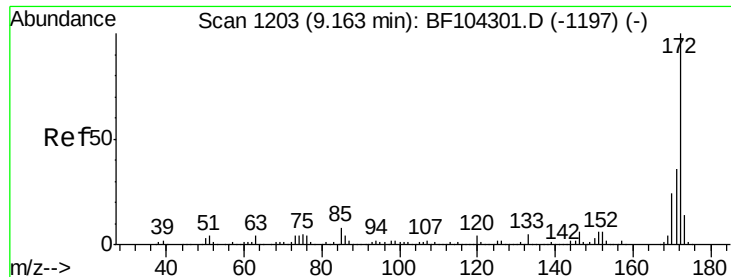
Tot Ion:164 Resp: 219831  
 Ion Ratio Lower Upper  
 164 100  
 162 104.0 86.1 129.1  
 160 46.3 38.3 57.5



#41  
 2,4,6-Tribromophenol  
 Concen: 68.649 ng  
 RT: 10.63 min Scan# 1453  
 Delta R.T. -0.01 min  
 Lab File: BF104662.D  
 Acq: 20 Apr 2018 7:25

Tgt Ion:330 Resp: 156545  
 Ion Ratio Lower Upper  
 330 100  
 332 96.5 77.0 115.6  
 141 34.2 29.9 44.9



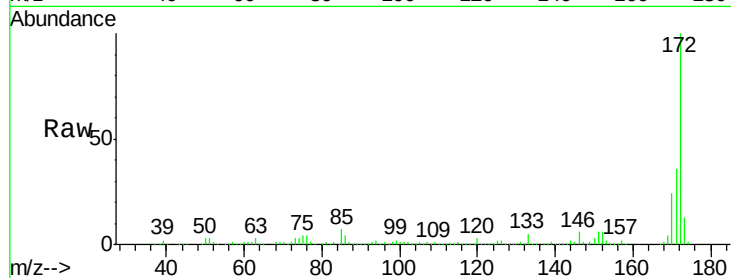


#44  
 2-Fluorobiphenyl  
 Concen: 73.722 ng  
 RT: 9.16 min Scan# 1203  
 Delta R.T. -0.01 min  
 Lab File: BF104662.D  
 Acq: 20 Apr 2018 7:25

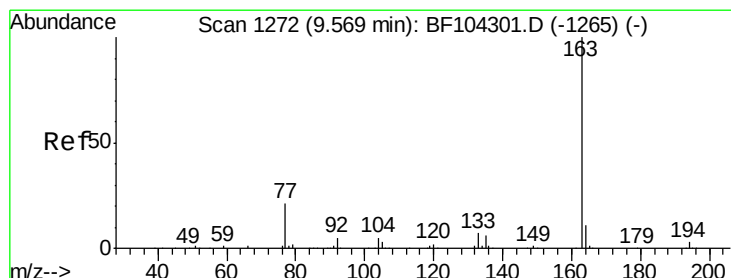
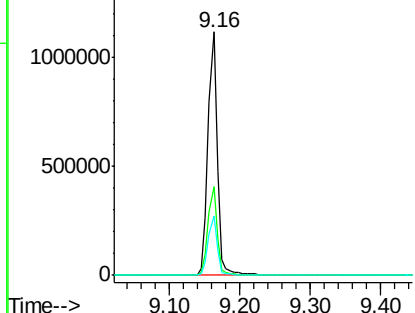
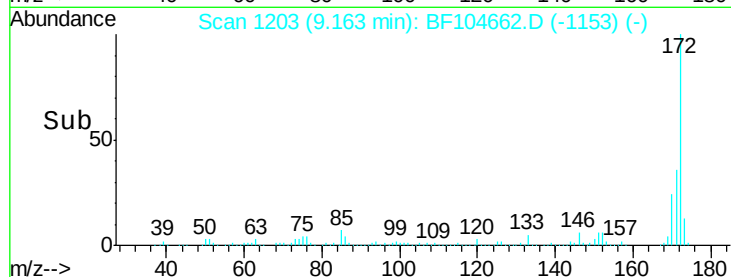
Instrument :  
 BNA\_F  
 ClientSampleId :  
 DB-TP-6

Tot Ion:172 Resp: 1025879  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 36.2  | 29.7  | 44.5  |
| 170 | 24.4  | 19.6  | 29.4  |



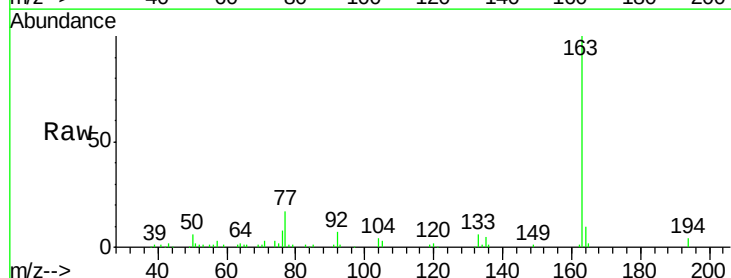
Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E



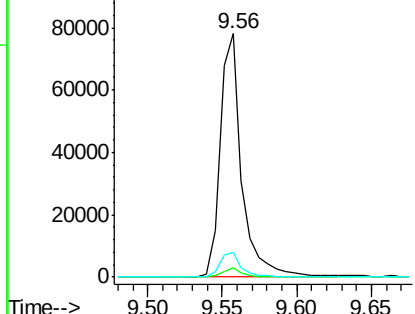
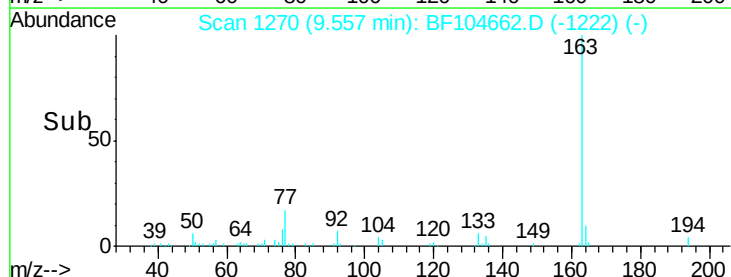
#49  
 Dimethylphthalate  
 Concen: 4.577 ng  
 RT: 9.56 min Scan# 1270  
 Delta R.T. -0.02 min  
 Lab File: BF104662.D  
 Acq: 20 Apr 2018 7:25

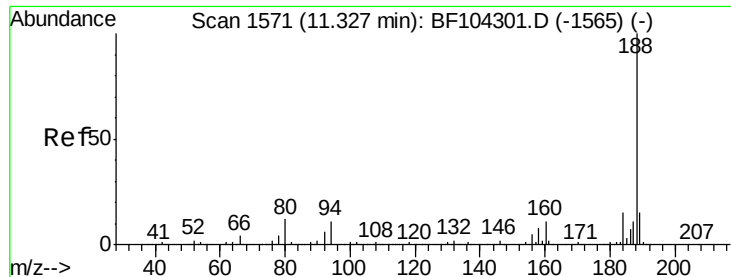
Tgt Ion:163 Resp: 79340  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 3.8   | 2.7   | 4.1   |
| 164 | 10.2  | 8.2   | 12.2  |



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

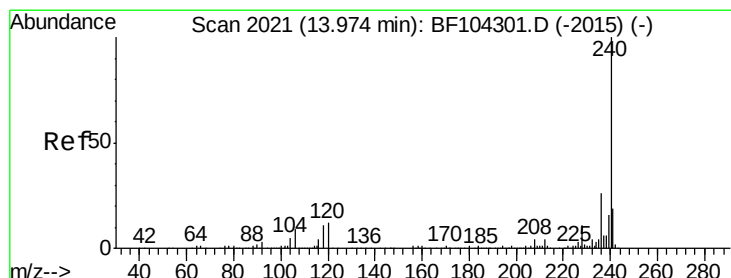
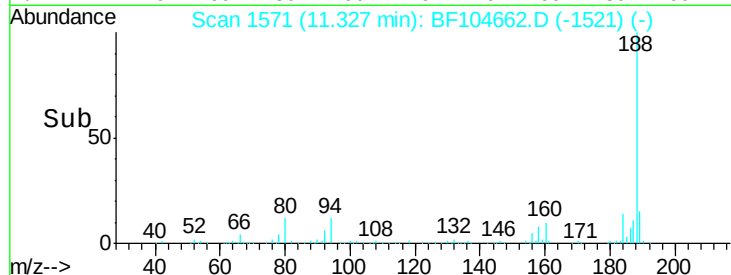
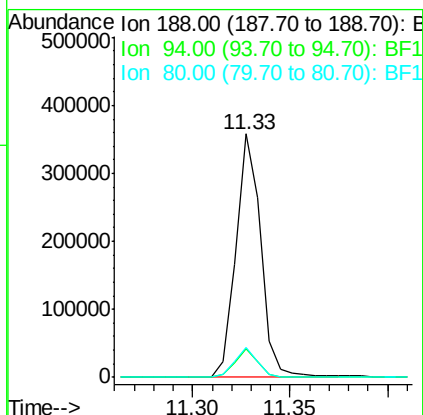
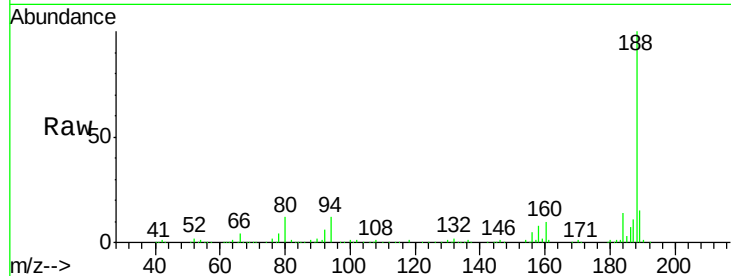




#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.33 min Scan# 1571  
Delta R.T. -0.01 min  
Lab File: BF104662.D  
Acq: 20 Apr 2018 7:25

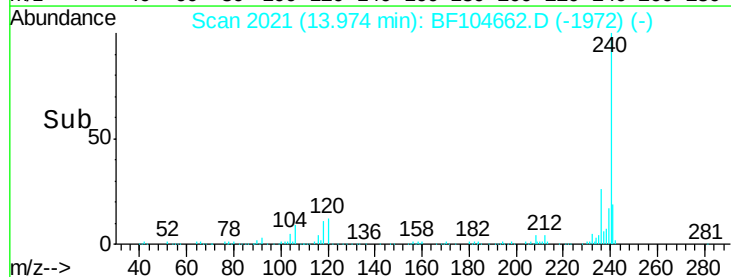
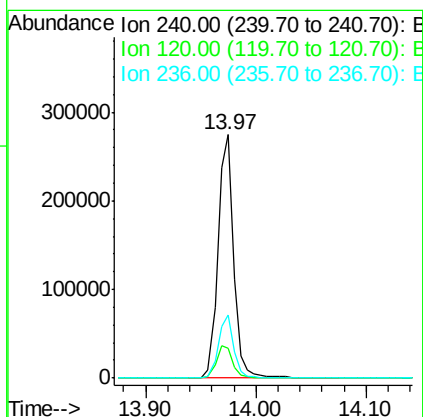
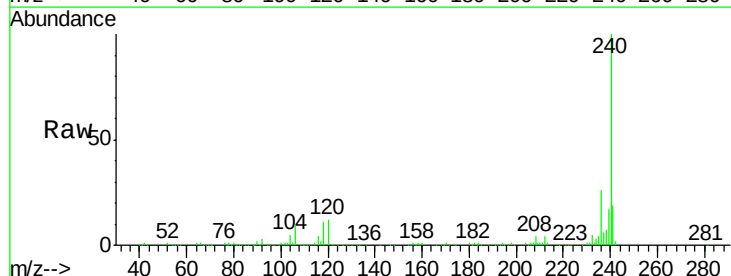
Instrument :  
BNA\_F  
ClientSampleId :  
DB-TP-6

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 11.5  | 8.5   | 12.7  |
| 80      | 12.4  | 9.2   | 13.8  |

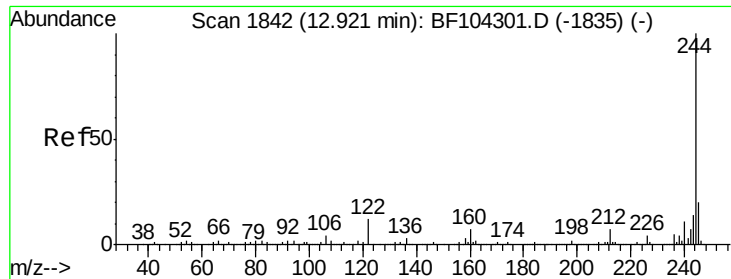


#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.97 min Scan# 2021  
Delta R.T. -0.01 min  
Lab File: BF104662.D  
Acq: 20 Apr 2018 7:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 12.3  | 9.5   | 14.3  |
| 236     | 26.0  | 20.7  | 31.1  |



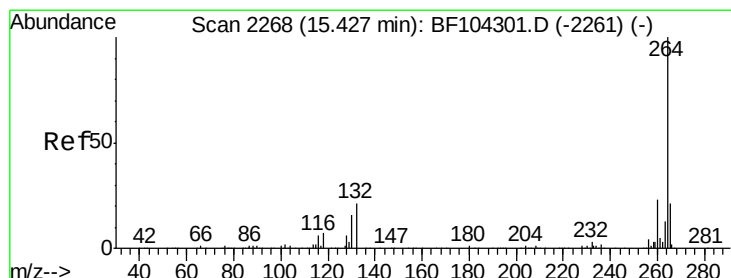
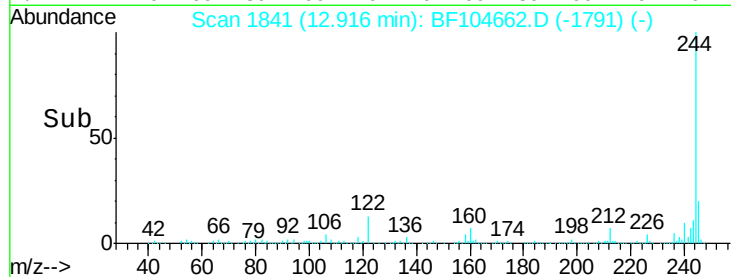
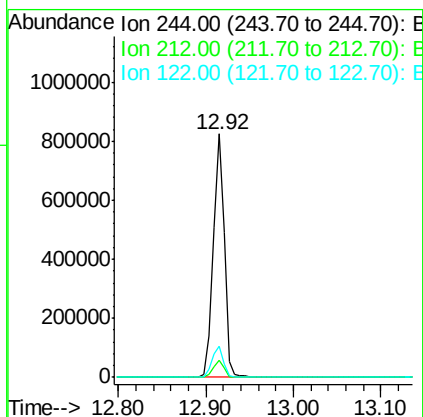
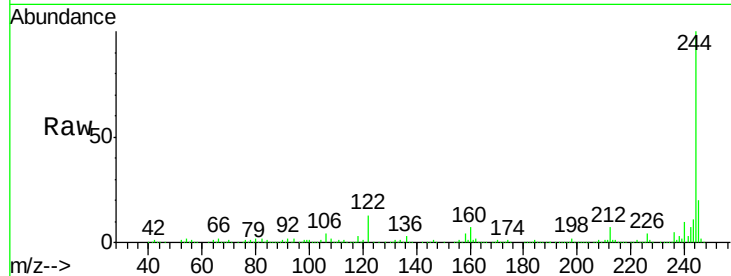




#78  
 Terphenyl-d14  
 Concen: 61.351 ng  
 RT: 12.92 min Scan# 1841  
 Delta R.T. -0.01 min  
 Lab File: BF104662.D  
 Acq: 20 Apr 2018 7:25

Instrument :  
 BNA\_F  
 ClientSampled :  
 DB-TP-6

Tot Ion:244 Resp: 729248  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 5.4 8.0  
 122 13.0 11.0 16.4



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.43 min Scan# 2269  
 Delta R.T. -0.01 min  
 Lab File: BF104662.D  
 Acq: 20 Apr 2018 7:25

Tgt Ion:264 Resp: 204924  
 Ion Ratio Lower Upper  
 264 100  
 260 22.4 19.2 28.8  
 265 21.5 17.5 26.3

