

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101718\  
 Data File : BF109941.D  
 Acq On : 18 Oct 2018 00:50  
 Operator : JU/SJ  
 Sample : J5542-02 10X  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 DPC-81753-20

Quant Time: Oct 18 11:54:44 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 16 14:58:24 2018  
 Response via : Initial Calibration

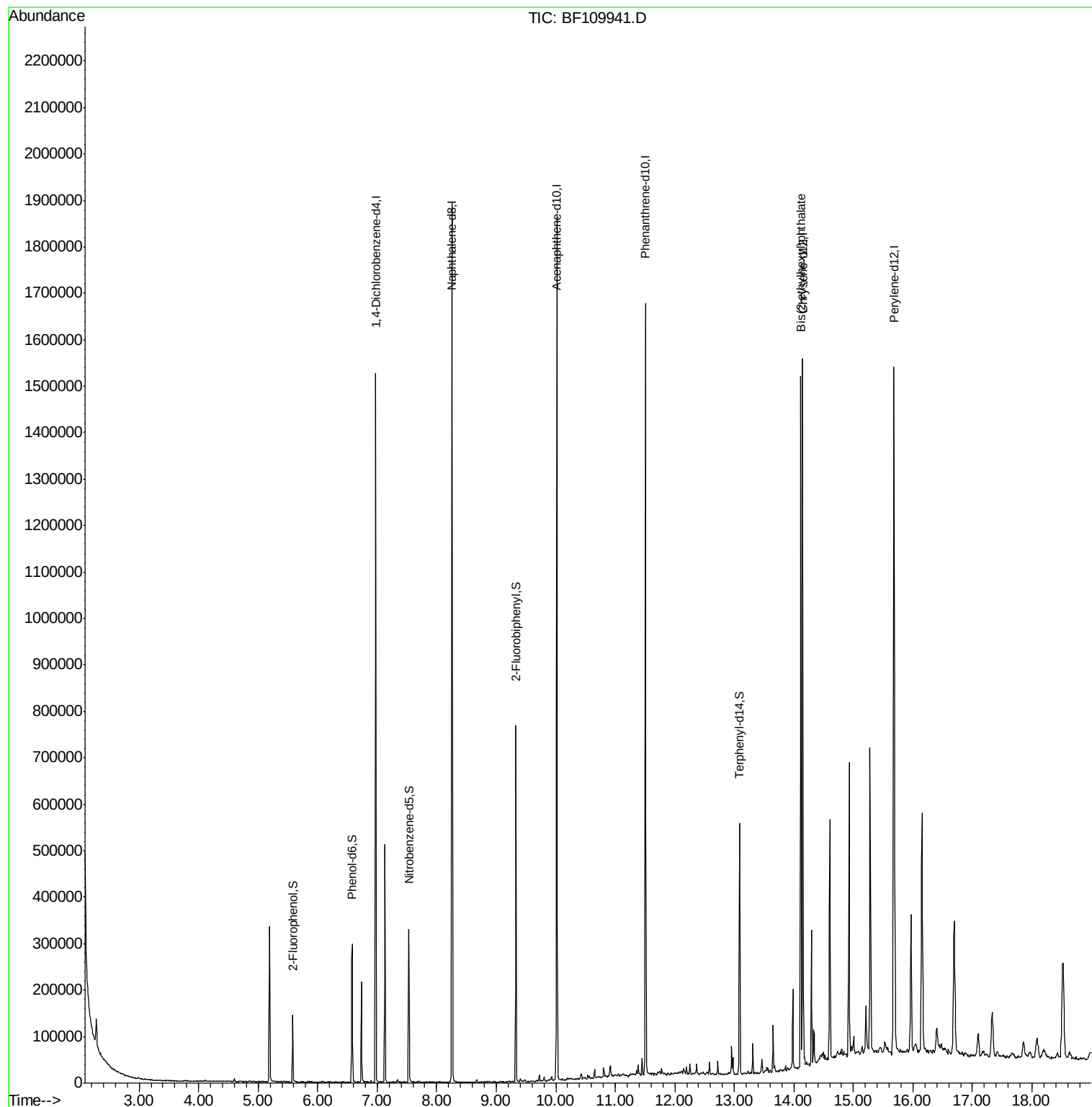
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 6.97  | 152  | 210239   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8             | 8.26  | 136  | 811536   | 20.00  | ng    | -0.01    |
| 39) Acenaphthene-d10           | 10.02 | 164  | 344253   | 20.00  | ng    | -0.01    |
| 64) Phenanthrene-d10           | 11.51 | 188  | 558640   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12               | 14.15 | 240  | 466178   | 20.00  | ng    | -0.01    |
| 87) Perylene-d12               | 15.68 | 264  | 470129   | 20.00  | ng    | -0.01    |
| System Monitoring Compounds    |       |      |          |        |       |          |
| 5) 2-Fluorophenol              | 5.58  | 112  | 35686    | 2.69   | ng    | -0.02    |
| 7) Phenol-d6                   | 6.58  | 99   | 95130    | 5.78   | ng    | -0.02    |
| 23) Nitrobenzene-d5            | 7.53  | 82   | 101103   | 8.39   | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol       | 10.80 | 330  | 2306     | 0.77   | ng    | -0.01    |
| 45) 2-Fluorobiphenyl           | 9.33  | 172  | 227956   | 10.57  | ng    | -0.01    |
| 79) Terphenyl-d14              | 13.09 | 244  | 170701   | 7.69   | ng    | -0.02    |
| Target Compounds               |       |      |          |        |       | Qvalue   |
| 84) Bis(2-ethylhexyl)phthalate | 14.12 | 149  | 393670   | 21.613 | ng    | 95       |

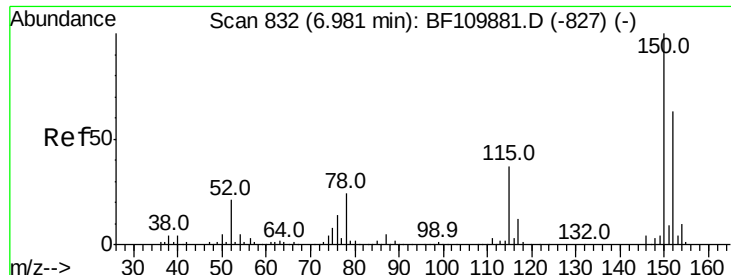
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101718\  
Data File : BF109941.D  
Acq On : 18 Oct 2018 00:50  
Operator : JU/SJ  
Sample : J5542-02 10X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
DPC-81753-20

Quant Time: Oct 18 11:54:44 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Oct 16 14:58:24 2018  
Response via : Initial Calibration



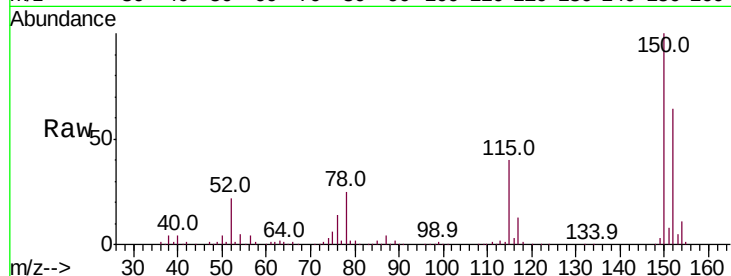


#1

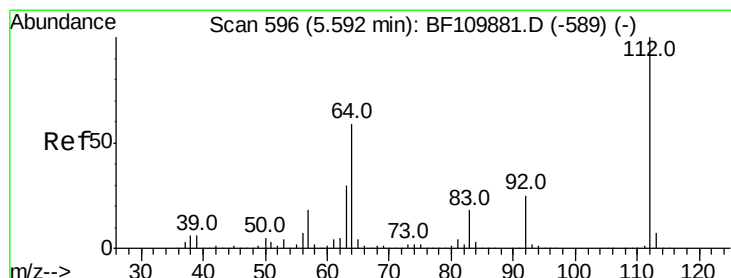
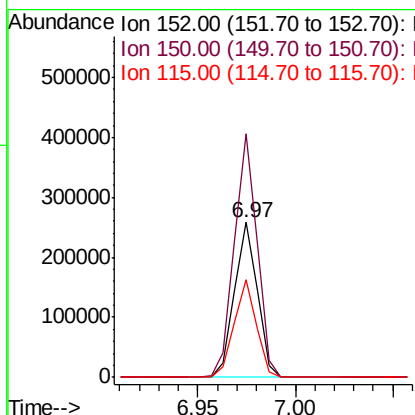
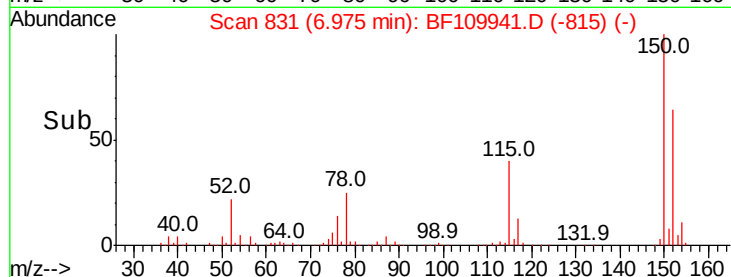
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.97 min Scan# 831  
Delta R.T. -0.01 min  
Lab File: BF109941.D  
Acq: 18 Oct 2018 00:50

Instrument :  
BNA\_F  
ClientSampleId :  
DPC-81753-20

Tot Ion:152 Resp: 210239  
Ion Ratio Lower Upper  
152 100  
150 157.1 122.7 184.1  
115 62.7 49.1 73.7



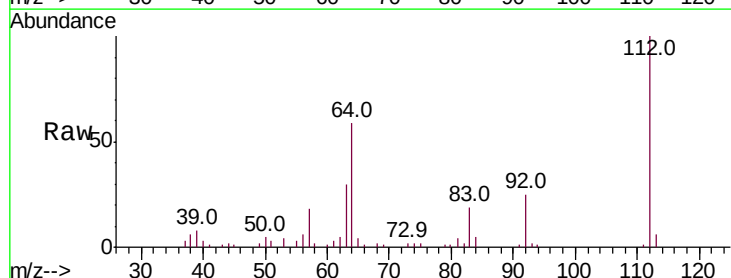
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



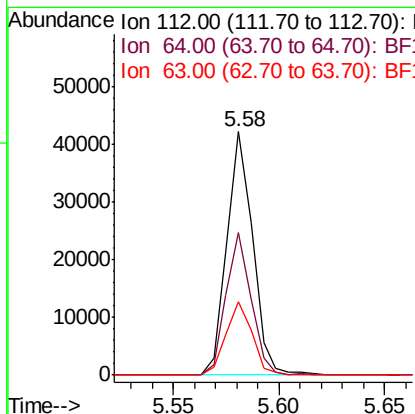
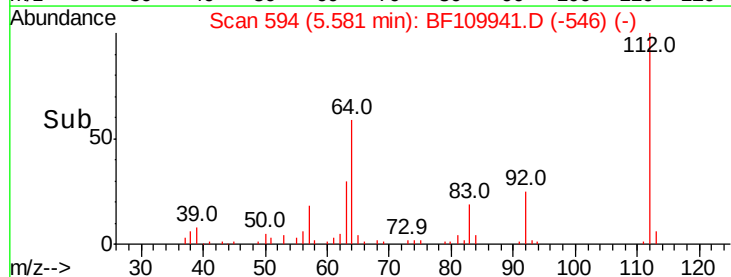
#5

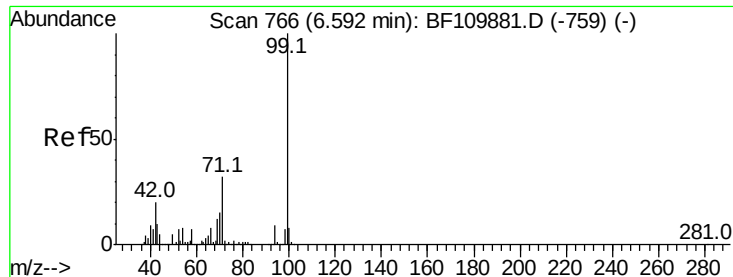
2-Fluorophenol  
Concen: 2.691 ng  
RT: 5.58 min Scan# 594  
Delta R.T. -0.02 min  
Lab File: BF109941.D  
Acq: 18 Oct 2018 00:50

Tgt Ion:112 Resp: 35686  
Ion Ratio Lower Upper  
112 100  
64 58.7 44.1 66.1  
63 30.0 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: 5.776 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF109941.D

Acq: 18 Oct 2018 00:50

Instrument :

BNA\_F

ClientSampleId :

DPC-81753-20

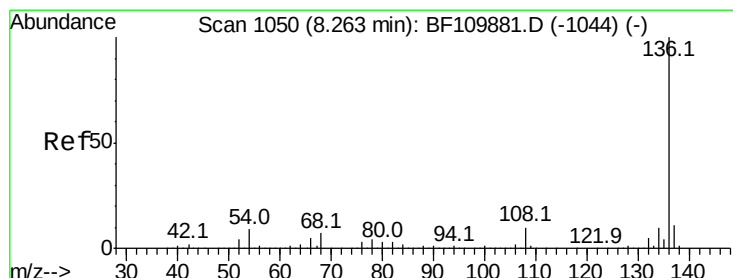
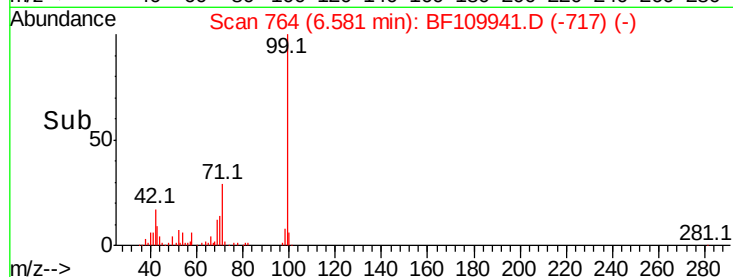
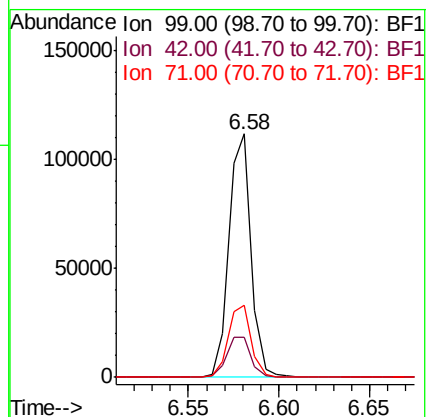
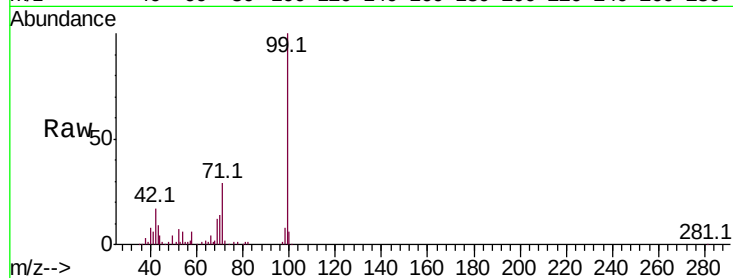
Tot Ion: 99 Resp: 95130

Ion Ratio Lower Upper

99 100

42 16.6 15.8 23.6

71 29.5 28.0 42.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF109941.D

Acq: 18 Oct 2018 00:50

Tgt Ion: 136 Resp: 811536

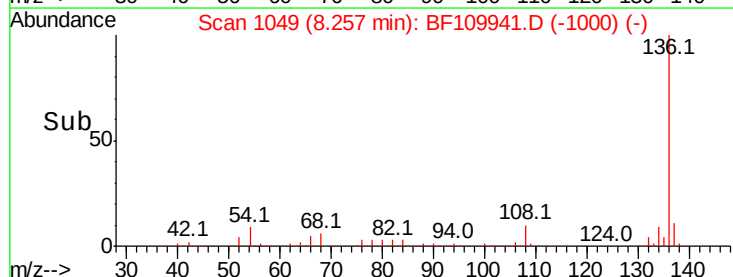
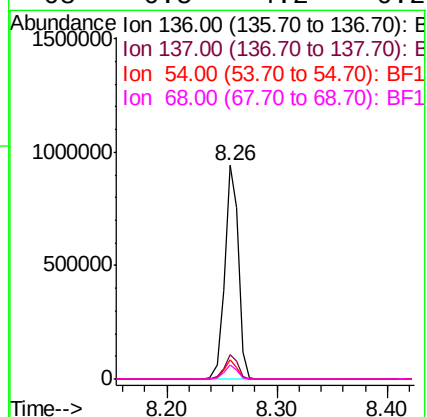
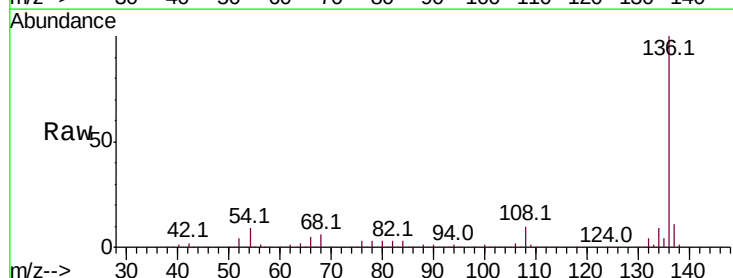
Ion Ratio Lower Upper

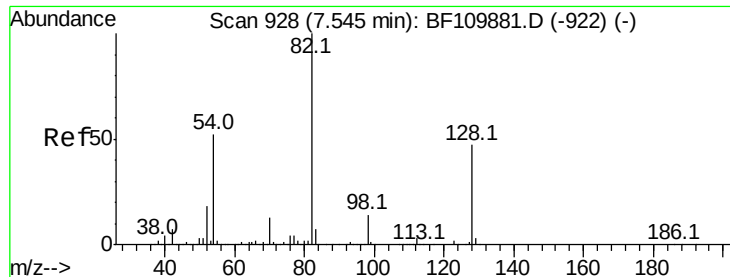
136 100

137 11.1 8.8 13.2

54 8.7 5.4 8.2#

68 6.5 4.2 6.2#

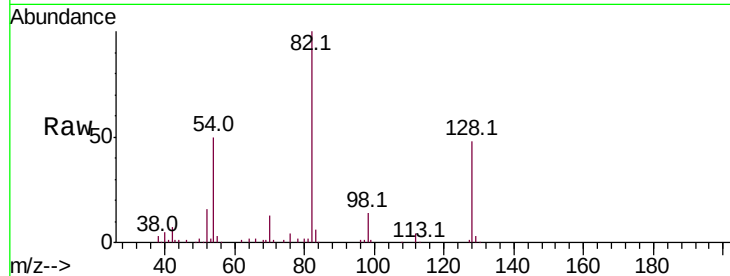




#23  
 Nitrobenzene-d5  
 Concen: 8.392 ng  
 RT: 7.53 min Scan# 926  
 Delta R.T. -0.02 min  
 Lab File: BF109941.D  
 Acq: 18 Oct 2018 00:50

Instrument :  
 BNA\_F  
 ClientSampleId :  
 DPC-81753-20

| Tot Ion   | 82    | Resp  | 101103 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 48.2  | 34.2  | 51.2   |
| 54        | 50.0  | 38.6  | 58.0   |

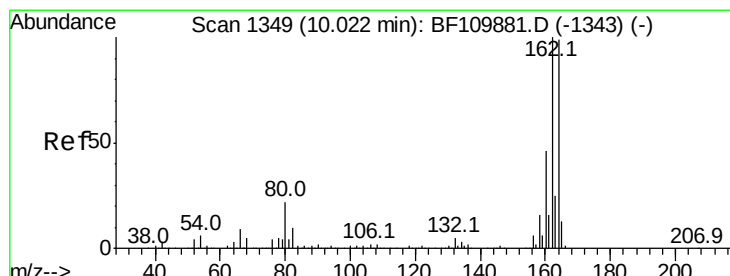
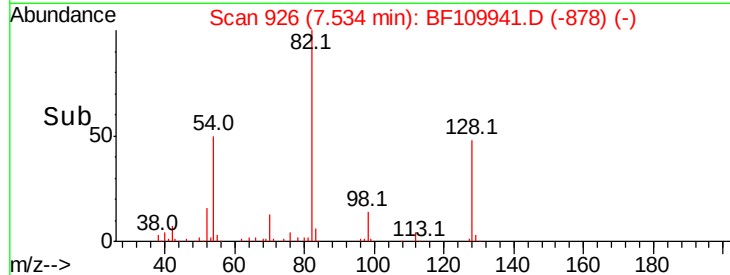
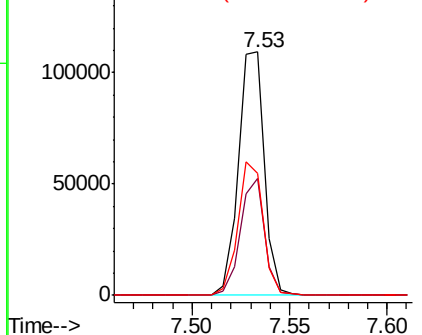


Abundance

Ion 82.00 (81.70 to 82.70): BF1

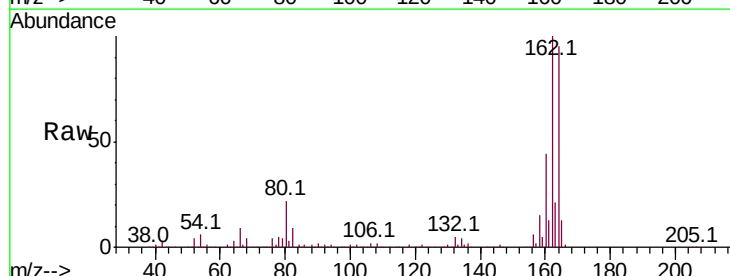
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 10.02 min Scan# 1348  
 Delta R.T. -0.01 min  
 Lab File: BF109941.D  
 Acq: 18 Oct 2018 00:50

| Tgt Ion   | 164   | Resp  | 344253 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 104.8 | 83.0  | 124.6  |
| 160       | 46.2  | 37.0  | 55.6   |

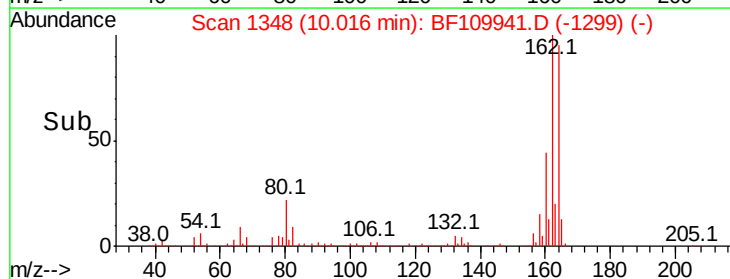
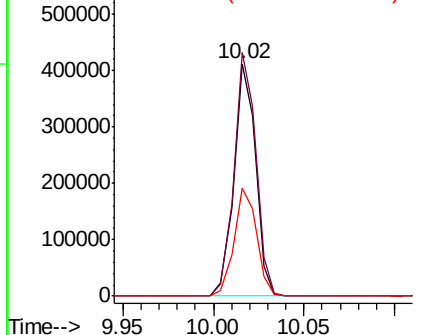


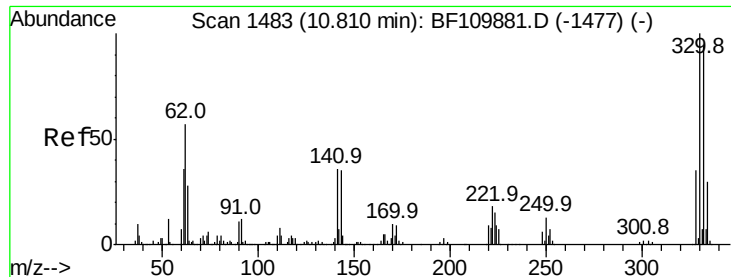
Abundance

Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

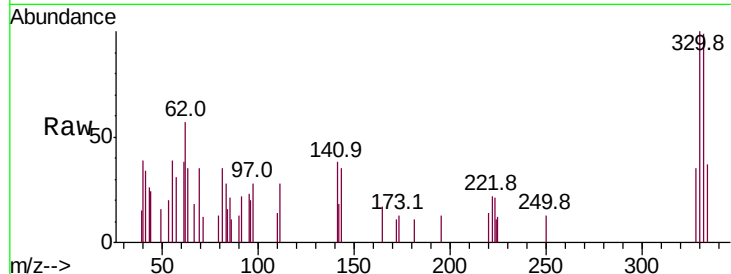




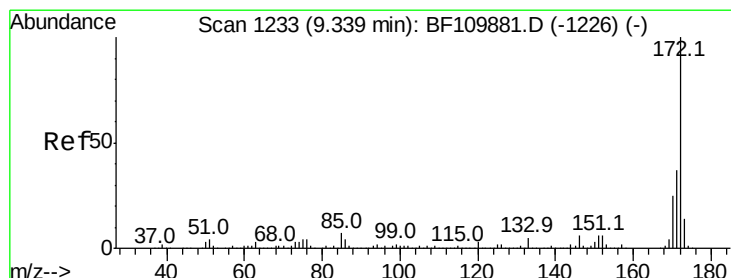
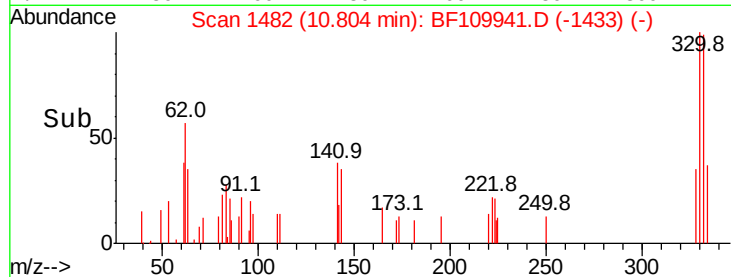
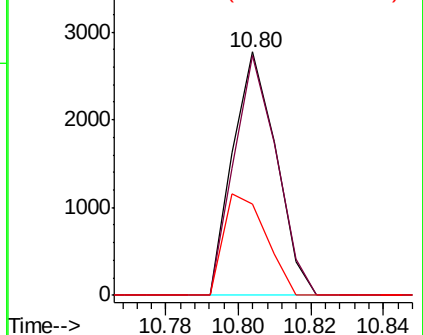
#42  
 2,4,6-Tribromophenol  
 Concen: 0.774 ng  
 RT: 10.80 min Scan# 1482  
 Delta R.T. -0.01 min  
 Lab File: BF109941.D  
 Acq: 18 Oct 2018 00:50

Instrument :  
 BNA\_F  
 ClientSampleId :  
 DPC-81753-20

Tot Ion:330 Resp: 2306  
 Ion Ratio Lower Upper  
 330 100  
 332 96.8 77.1 115.7  
 141 40.8 27.0 40.4#

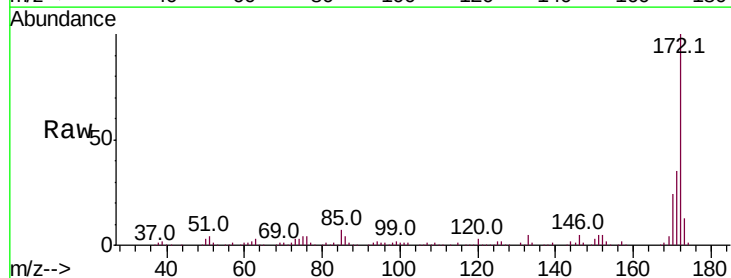


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

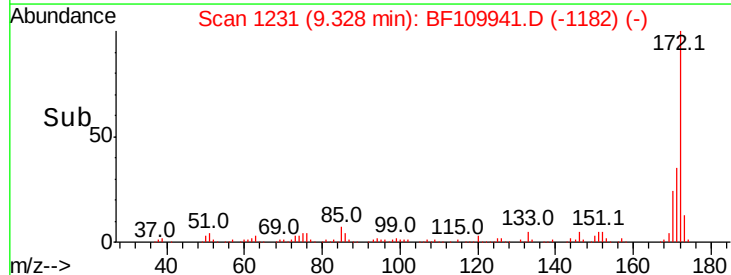
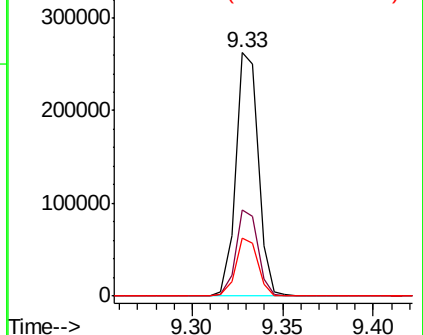


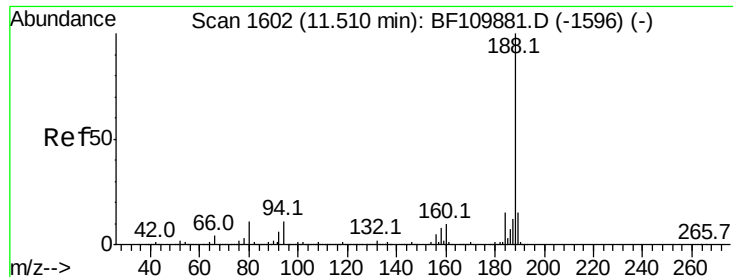
#45  
 2-Fluorobiphenyl  
 Concen: 10.566 ng  
 RT: 9.33 min Scan# 1231  
 Delta R.T. -0.01 min  
 Lab File: BF109941.D  
 Acq: 18 Oct 2018 00:50

Tgt Ion:172 Resp: 227956  
 Ion Ratio Lower Upper  
 172 100  
 171 35.4 28.6 43.0  
 170 24.1 19.7 29.5



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1602

Delta R.T. -0.01 min

Lab File: BF109941.D

Acq: 18 Oct 2018 00:50

Instrument :

BNA\_F

ClientSampleId :

DPC-81753-20

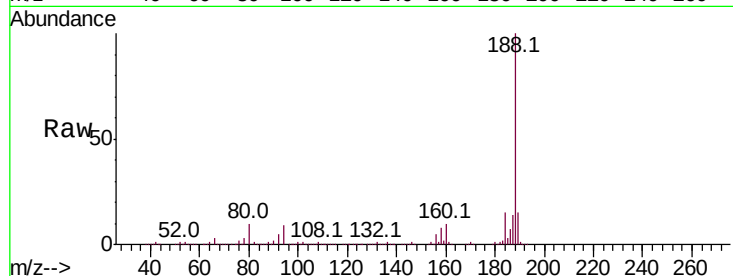
Tot Ion:188 Resp: 558640

Ion Ratio Lower Upper

188 100

94 9.2 7.2 10.8

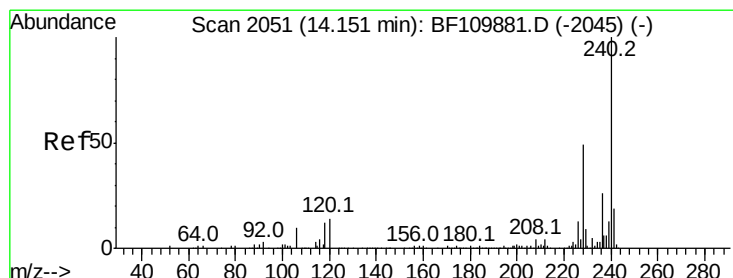
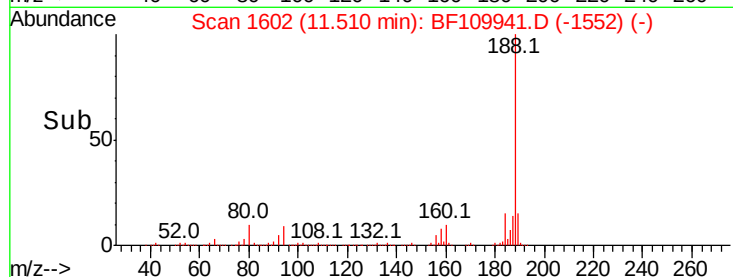
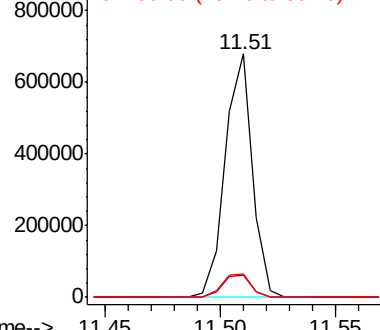
80 9.8 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BF109941.D

Acq: 18 Oct 2018 00:50

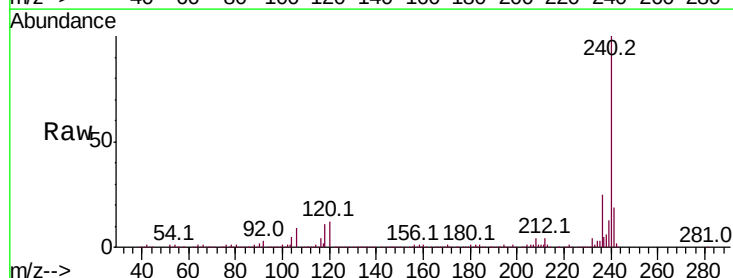
Tgt Ion:240 Resp: 466178

Ion Ratio Lower Upper

240 100

120 12.5 8.3 12.5

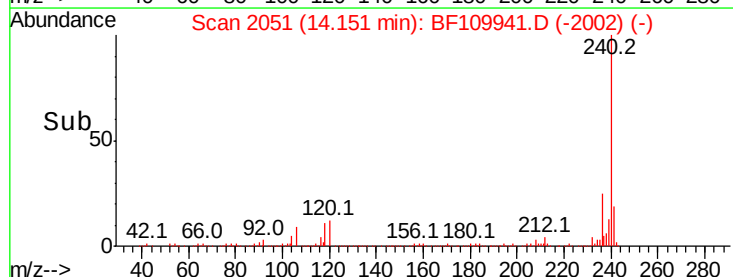
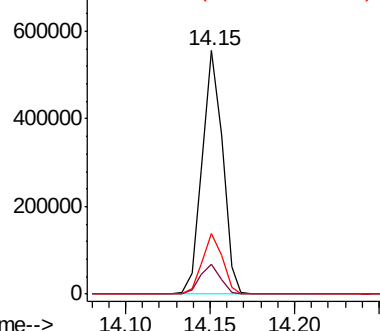
236 25.0 21.2 31.8

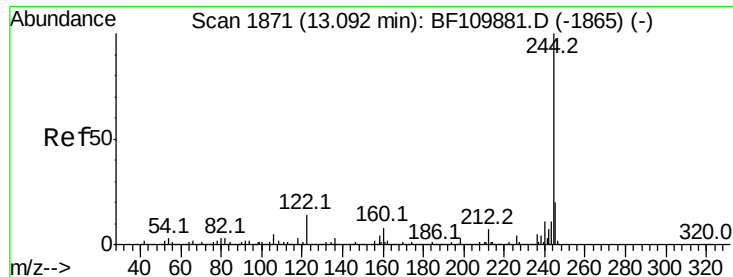


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

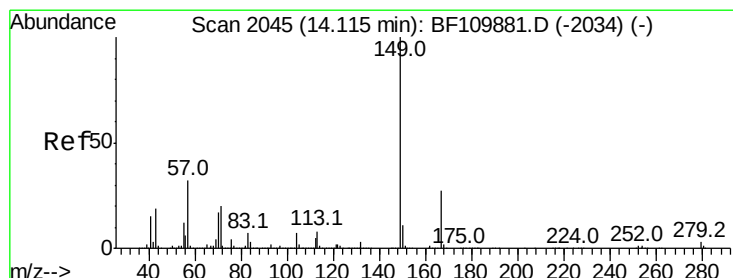
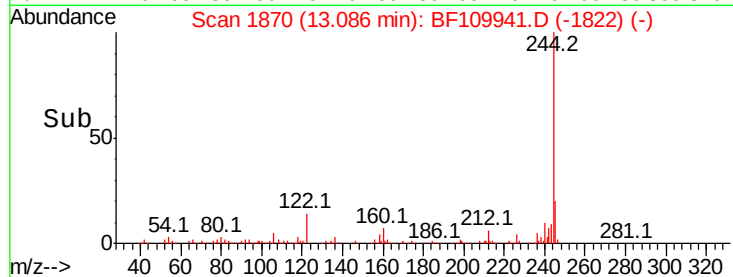
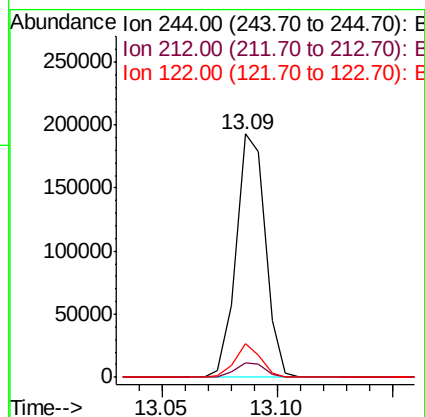
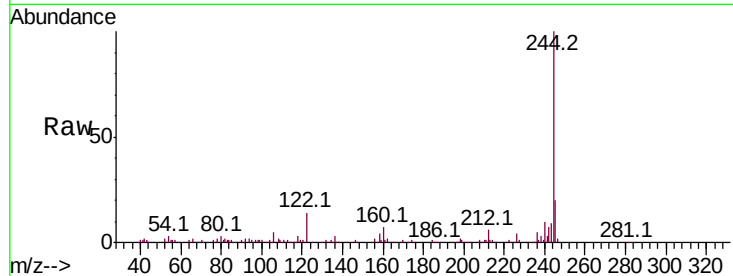




#79  
 Terphenyl-d14  
 Concen: 7.689 ng  
 RT: 13.09 min Scan# 1870  
 Delta R.T. -0.02 min  
 Lab File: BF109941.D  
 Acq: 18 Oct 2018 00:50

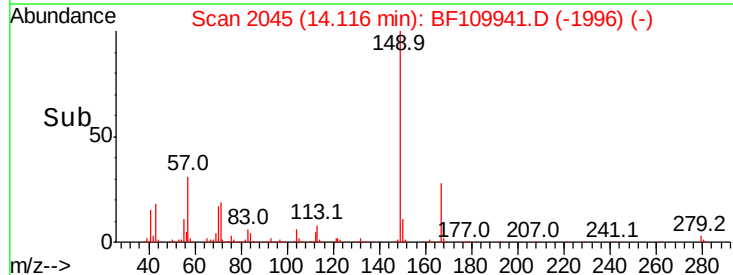
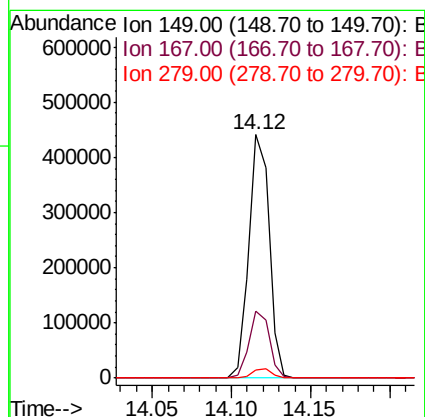
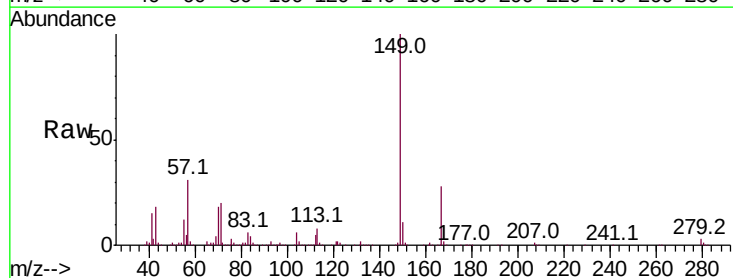
Instrument :  
 BNA\_F  
 ClientSampleId :  
 DPC-81753-20

Tot Ion:244 Resp: 170701  
 Ion Ratio Lower Upper  
 244 100  
 212 6.1 5.8 8.8  
 122 13.9 8.7 13.1#

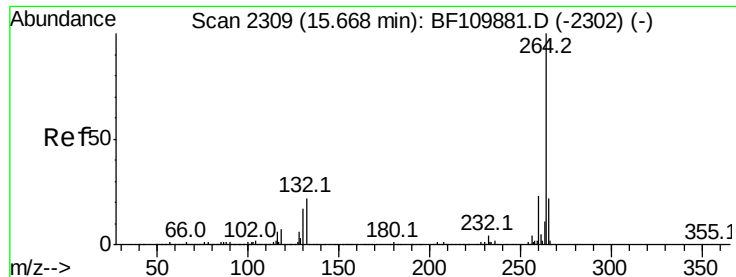


#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 21.613 ng  
 RT: 14.12 min Scan# 2045  
 Delta R.T. -0.01 min  
 Lab File: BF109941.D  
 Acq: 18 Oct 2018 00:50

Tgt Ion:149 Resp: 393670  
 Ion Ratio Lower Upper  
 149 100  
 167 27.6 19.8 29.8  
 279 3.4 2.7 4.1







#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.68 min Scan# 2311  
Delta R.T. -0.01 min  
Lab File: BF109941.D  
Acq: 18 Oct 2018 00:50

Instrument :  
BNA\_F  
ClientSampleId :  
DPC-81753-20

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.6  | 18.7  | 28.1  |
| 265     | 22.1  | 16.7  | 25.1  |

