

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\  
 Data File : BF108528.D  
 Acq On : 28 Aug 2018 00:07  
 Operator : JU/SJ  
 Sample : J4659-01  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 082218-TIPC-F-D-B

Quant Time: Aug 28 02:34:05 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 22 11:01:45 2018  
 Response via : Initial Calibration

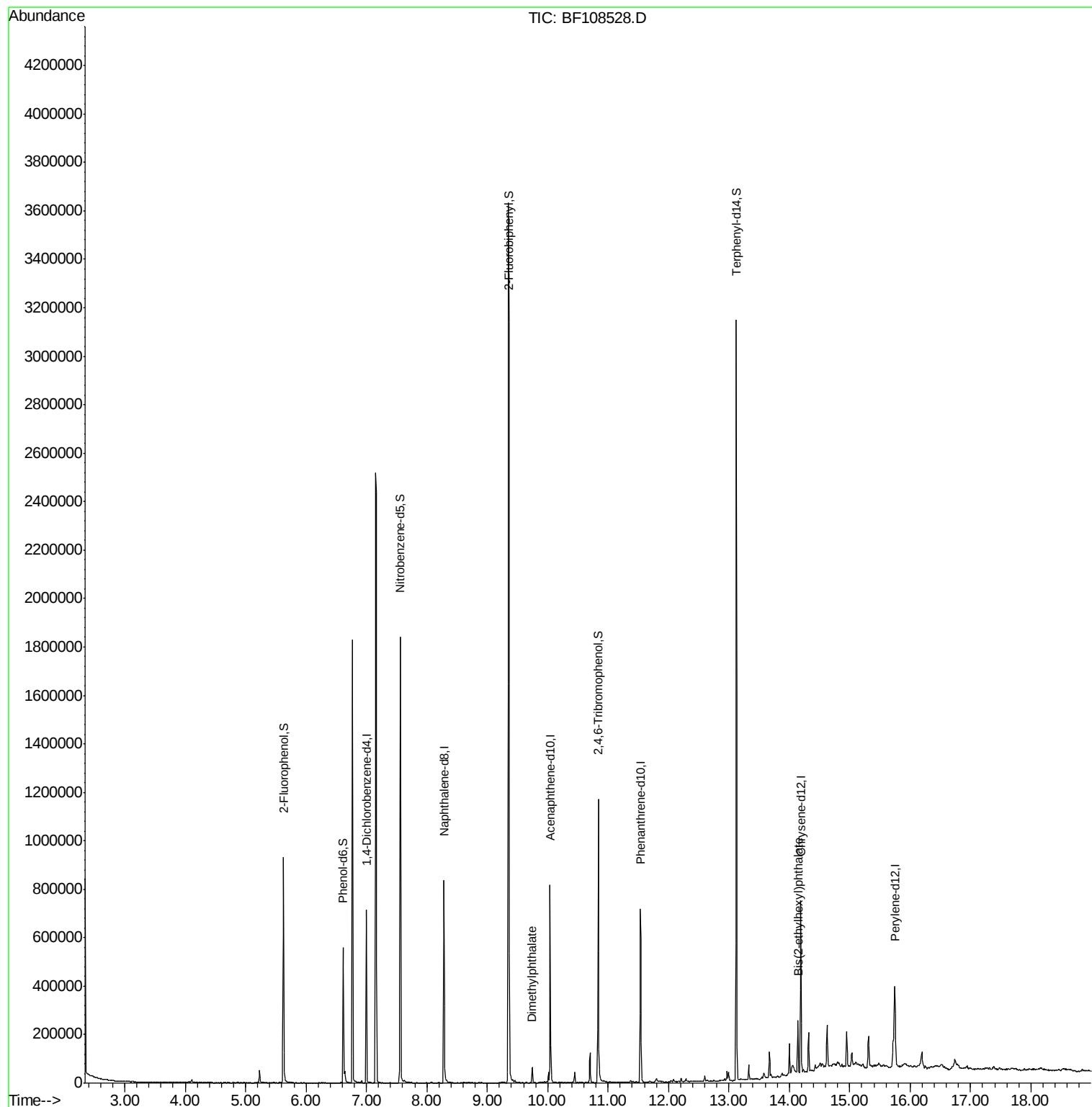
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min)    |
|--------------------------------|-------|------|----------|--------|-------|-------------|
| 1) 1,4-Dichlorobenzene-d4      | 7.00  | 152  | 101768   | 20.00  | ng    | 0.00        |
| 21) Naphthalene-d8             | 8.28  | 136  | 356871   | 20.00  | ng    | 0.00        |
| 38) Acenaphthene-d10           | 10.04 | 164  | 156478   | 20.00  | ng    | -0.01       |
| 63) Phenanthrene-d10           | 11.54 | 188  | 273474   | 20.00  | ng    | -0.01       |
| 75) Chrysene-d12               | 14.19 | 240  | 258374   | 20.00  | ng    | -0.01       |
| 86) Perylene-d12               | 15.75 | 264  | 176994   | 20.00  | ng    | -0.01       |
| System Monitoring Compounds    |       |      |          |        |       |             |
| 5) 2-Fluorophenol              | 5.62  | 112  | 225789   | 40.17  | ng    | 0.00        |
| 7) Phenol-d6                   | 6.61  | 99   | 178876   | 23.95  | ng    | -0.02       |
| 23) Nitrobenzene-d5            | 7.56  | 82   | 647988   | 101.32 | ng    | -0.01       |
| 41) 2,4,6-Tribromophenol       | 10.84 | 330  | 140122   | 89.77  | ng    | -0.01       |
| 44) 2-Fluorobiphenyl           | 9.35  | 172  | 1166783  | 119.71 | ng    | -0.01       |
| 78) Terphenyl-d14              | 13.12 | 244  | 988745   | 97.30  | ng    | 0.00        |
| Target Compounds               |       |      |          |        |       |             |
| 49) Dimethylphthalate          | 9.75  | 163  | 29362    | 2.694  | ng    | Qvalue # 98 |
| 83) Bis(2-ethylhexyl)phthalate | 14.14 | 149  | 54095    | 6.150  | ng    | 99          |

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

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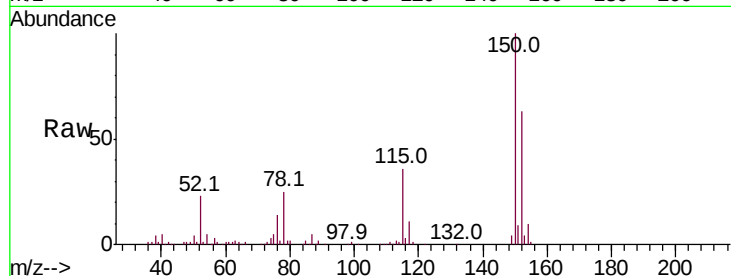


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.00 min Scan# 793  
Delta R.T. -0.01 min  
Lab File: BF108528.D  
Acq: 28 Aug 2018 00:07

Instrument :  
BNA\_F  
ClientSampleId :  
082218-TIPC-F-D-B

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 159.8 | 124.6 | 186.8 |
| 115     | 57.8  | 50.1  | 75.1  |

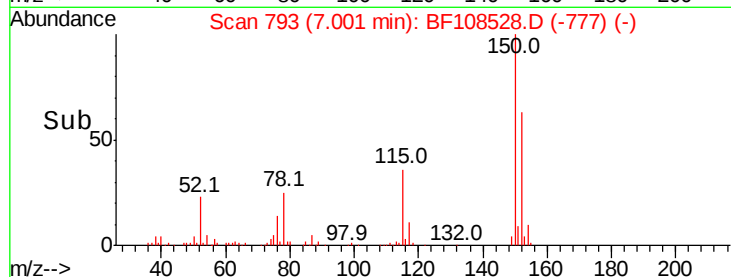
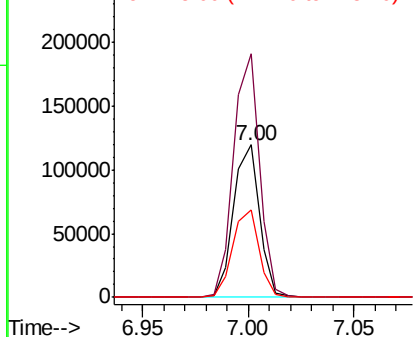


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

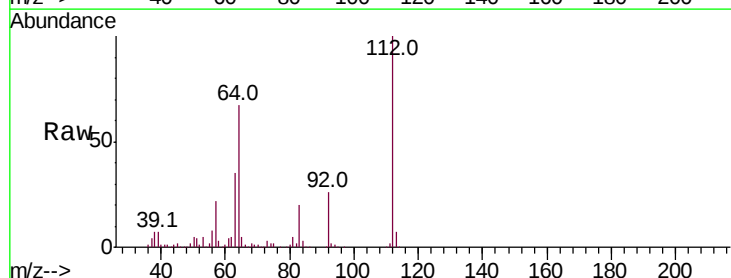
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol  
Concen: 40.168 ng  
RT: 5.62 min Scan# 559  
Delta R.T. -0.01 min  
Lab File: BF108528.D  
Acq: 28 Aug 2018 00:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 67.4  | 47.9  | 71.9  |
| 63      | 34.6  | 23.7  | 35.5  |

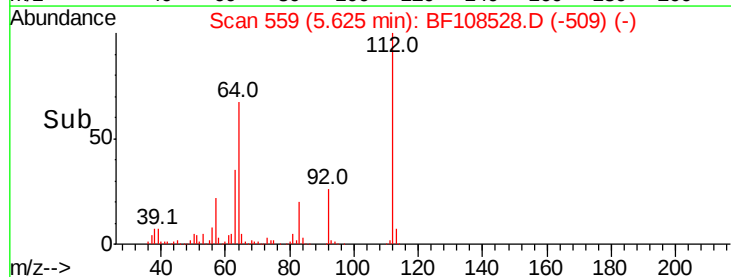
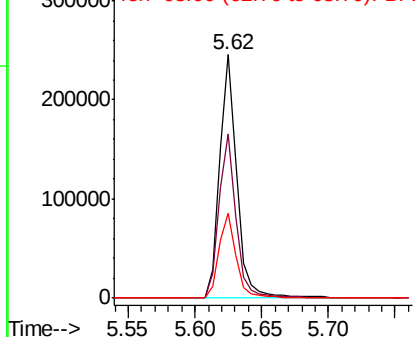


Abundance

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: 23.947 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF108528.D

Acq: 28 Aug 2018 00:07

Instrument :

BNA\_F

ClientSampleId :

082218-TIPC-F-D-B

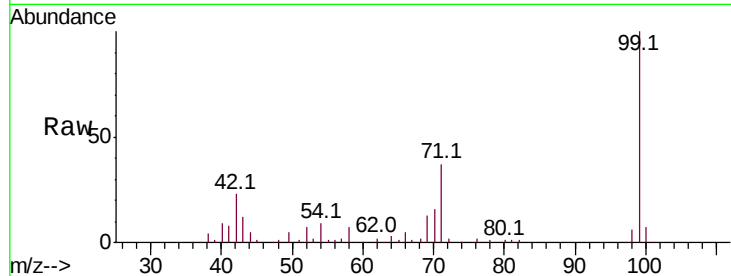
Tot Ion: 99 Resp: 178876

Ion Ratio Lower Upper

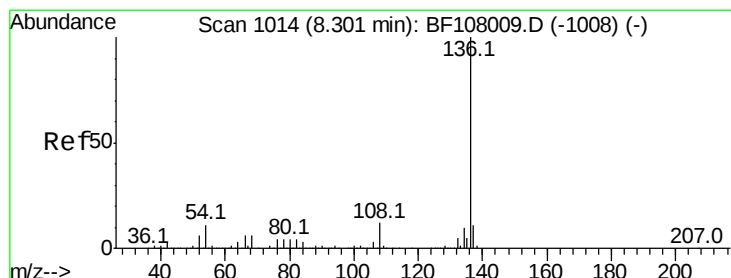
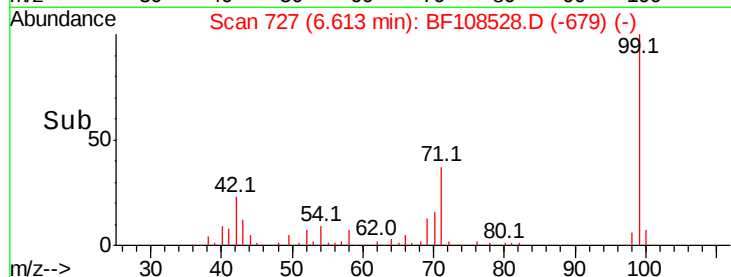
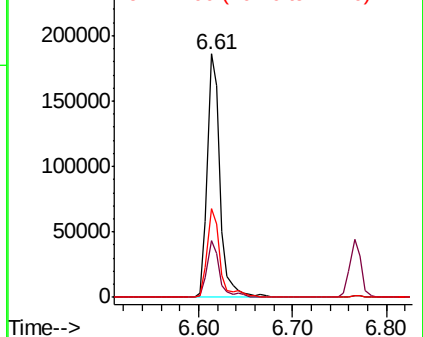
99 100

42 23.4 14.5 21.7#

71 36.5 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.28 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF108528.D

Acq: 28 Aug 2018 00:07

Tgt Ion: 136 Resp: 356871

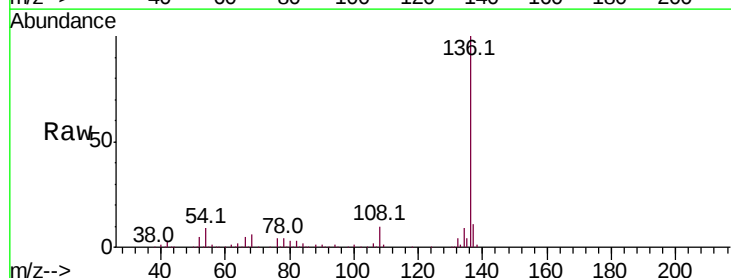
Ion Ratio Lower Upper

136 100

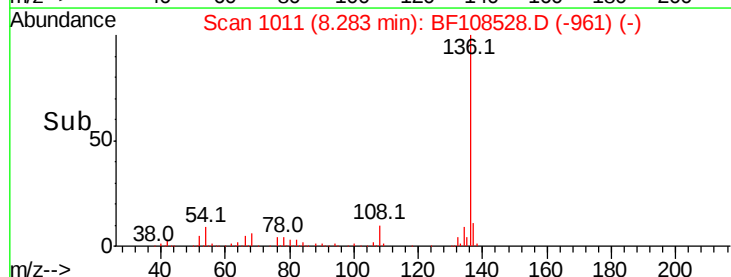
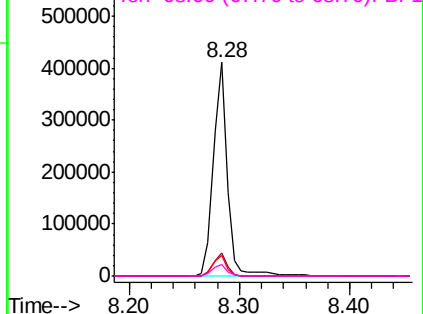
137 10.7 8.9 13.3

54 9.5 6.6 9.8

68 5.5 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF1  
Ion 68.00 (67.70 to 68.70): BF1

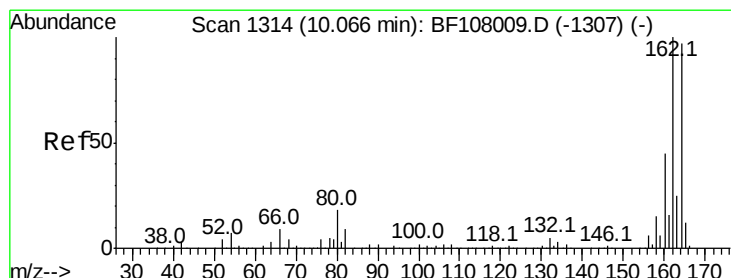
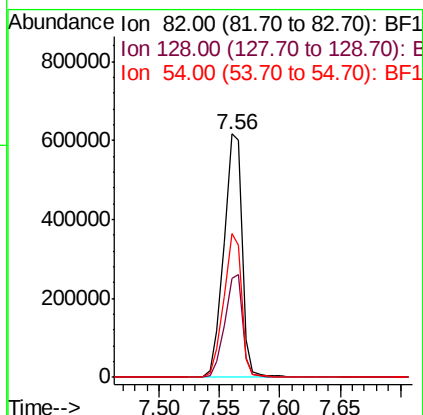
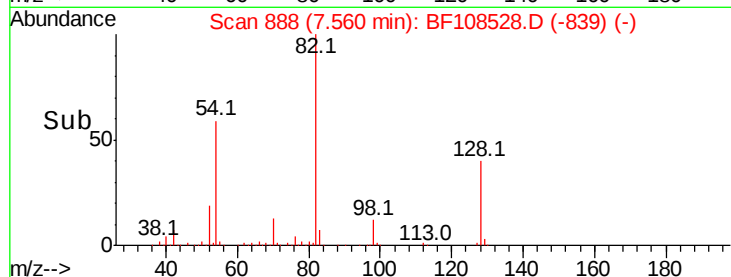
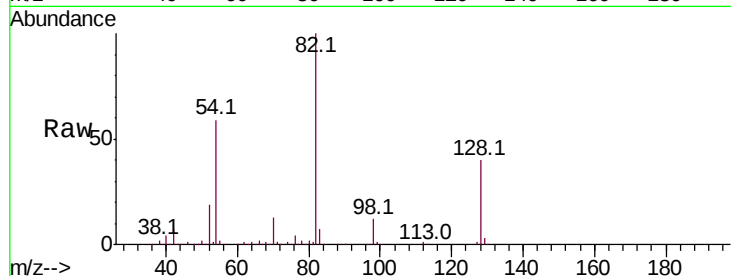




#23  
 Nitrobenzene-d5  
 Concen: 101.321 ng  
 RT: 7.56 min Scan# 888  
 Delta R.T. -0.01 min  
 Lab File: BF108528.D  
 Acq: 28 Aug 2018 00:07

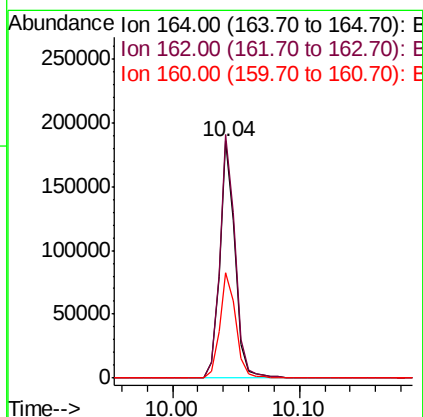
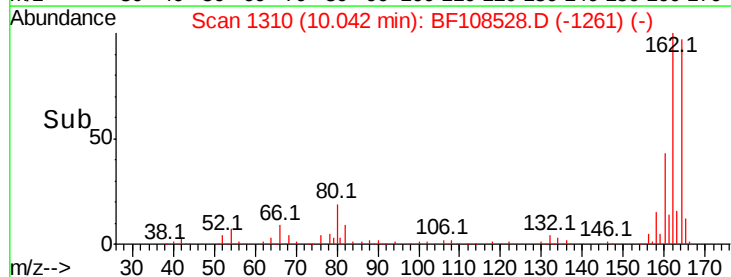
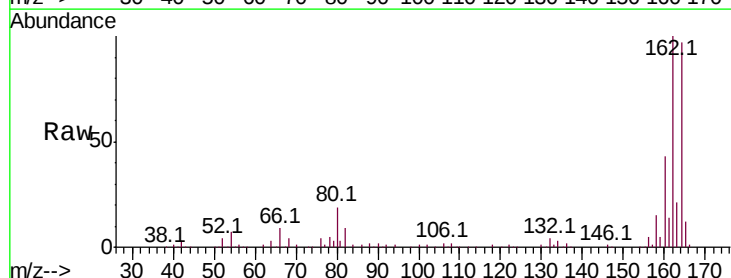
Instrument :  
 BNA\_F  
 ClientSampleId :  
 082218-TIPC-F-D-B

Tot Ion: 82 Resp: 647988  
 Ion Ratio Lower Upper  
 82 100  
 128 40.4 36.1 54.1  
 54 59.0 41.4 62.2



#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 10.04 min Scan# 1310  
 Delta R.T. -0.01 min  
 Lab File: BF108528.D  
 Acq: 28 Aug 2018 00:07

Tgt Ion: 164 Resp: 156478  
 Ion Ratio Lower Upper  
 164 100  
 162 102.9 86.1 129.1  
 160 44.6 38.3 57.5

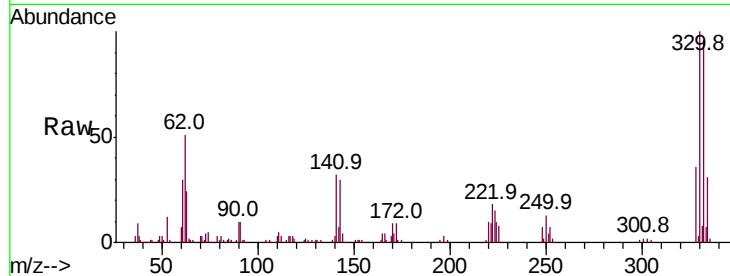




#41  
 2,4,6-Tribromophenol  
 Concen: 89.774 ng  
 RT: 10.84 min Scan# 1445  
 Delta R.T. -0.01 min  
 Lab File: BF108528.D  
 Acq: 28 Aug 2018 00:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 082218-TIPC-F-D-B

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.9  | 77.0  | 115.6 |
| 141     | 33.5  | 29.9  | 44.9  |

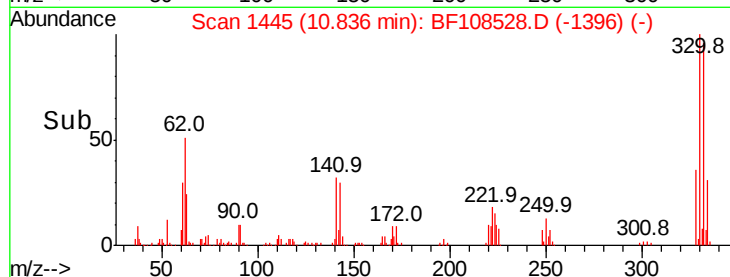
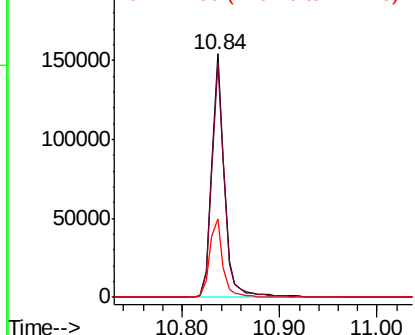


Abundance

Ion 329.80 (329.50 to 330.50): E

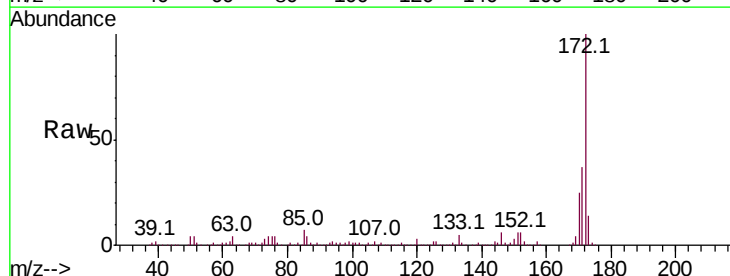
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44  
 2-Fluorobiphenyl  
 Concen: 119.712 ng  
 RT: 9.35 min Scan# 1193  
 Delta R.T. -0.01 min  
 Lab File: BF108528.D  
 Acq: 28 Aug 2018 00:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 37.1  | 29.7  | 44.5  |
| 170     | 25.0  | 19.6  | 29.4  |

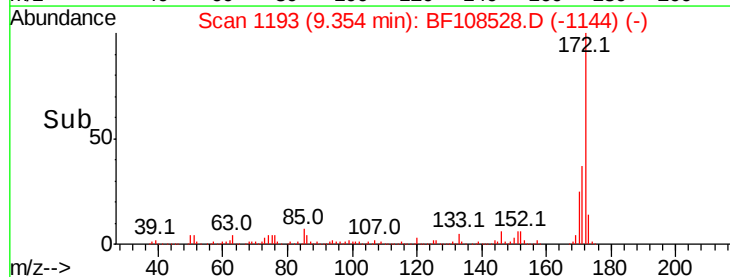
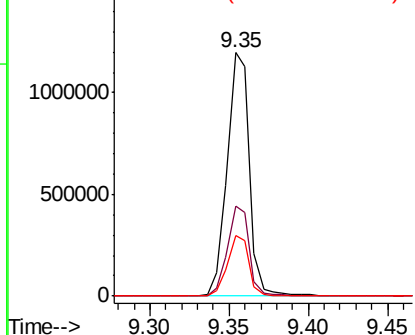


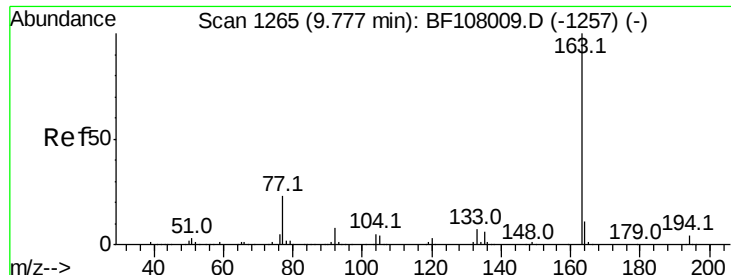
Abundance

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: 2.694 ng

RT: 9.75 min Scan# 1260

Delta R.T. -0.02 min

Lab File: BF108528.D

Acq: 28 Aug 2018 00:07

Instrument :

BNA\_F

ClientSampleId :

082218-TIPC-F-D-B

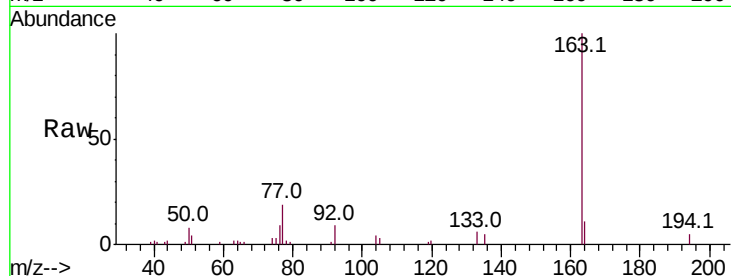
Tot Ion:163 Resp: 29362

Ion Ratio Lower Upper

163 100

194 5.3 2.7 4.1#

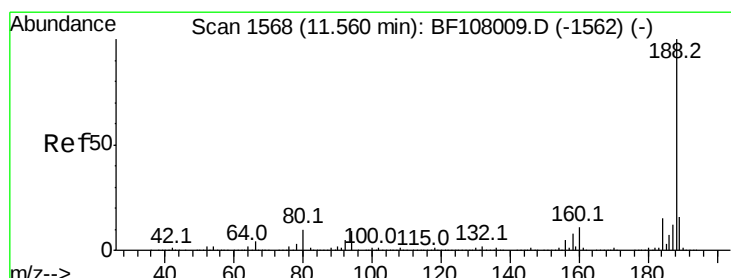
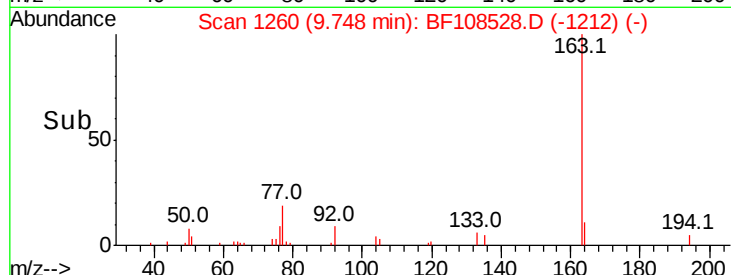
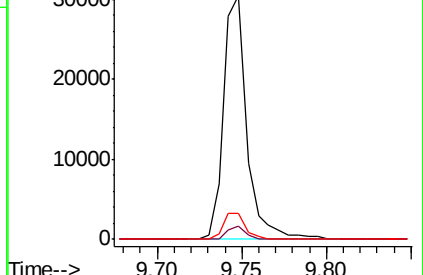
164 10.6 8.2 12.2



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: 11.54 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF108528.D

Acq: 28 Aug 2018 00:07

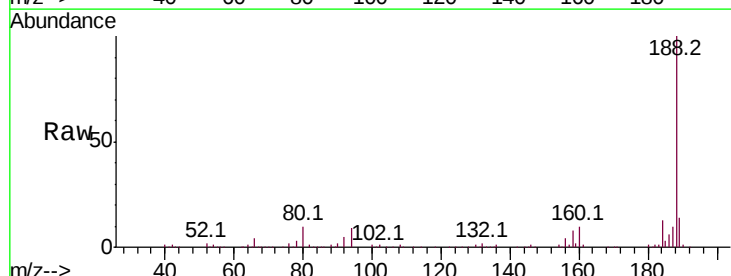
Tgt Ion:188 Resp: 273474

Ion Ratio Lower Upper

188 100

94 8.5 8.5 12.7

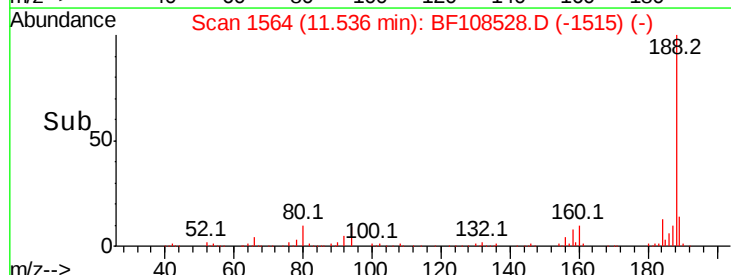
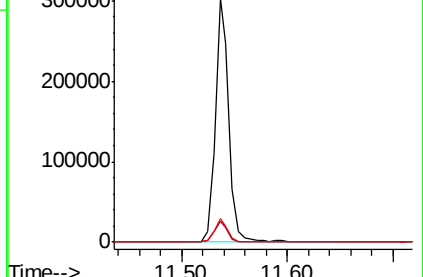
80 9.7 9.2 13.8

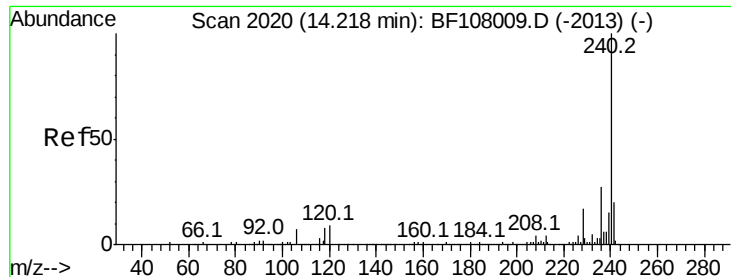


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF108528.D

Acq: 28 Aug 2018 00:07

Instrument :

BNA\_F

ClientSampleId :

082218-TIPC-F-D-B

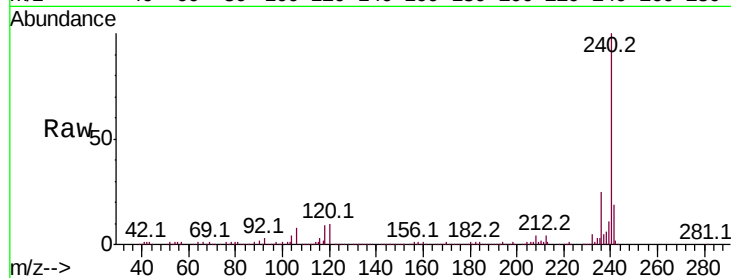
Tot Ion:240 Resp: 258374

Ion Ratio Lower Upper

240 100

120 9.6 9.5 14.3

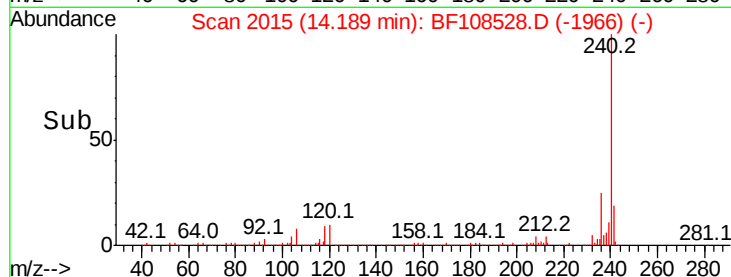
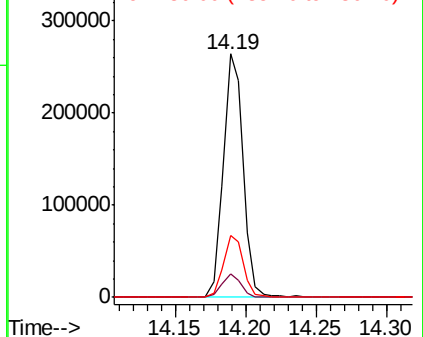
236 25.4 20.7 31.1



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



#78

Terphenyl-d14

Concen: 97.299 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108528.D

Acq: 28 Aug 2018 00:07

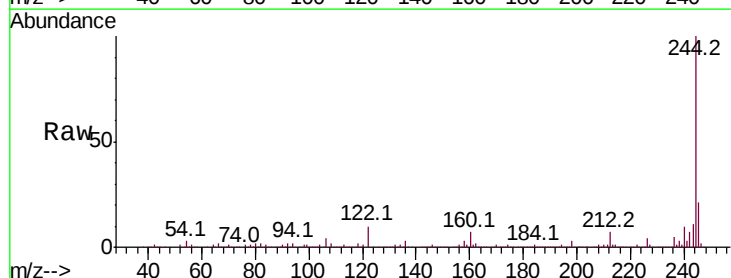
Tgt Ion:244 Resp: 988745

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

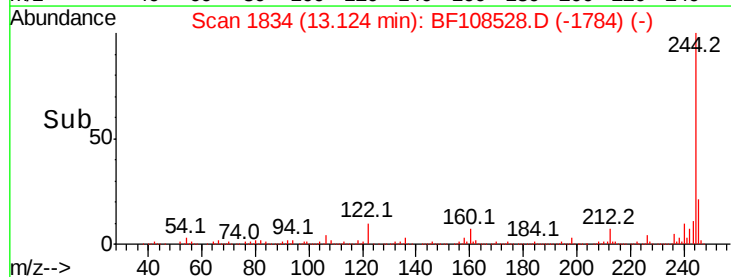
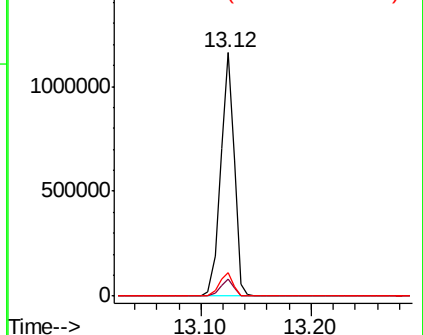
122 9.8 11.0 16.4#

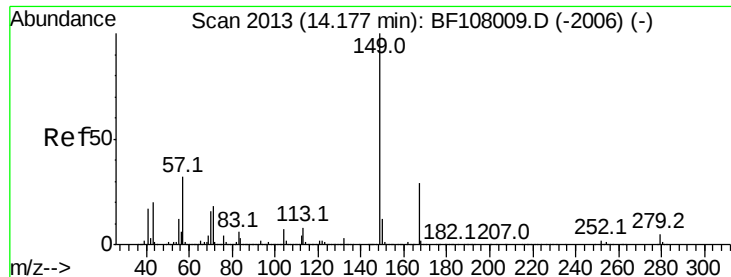


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 6.150 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF108528.D

Acq: 28 Aug 2018 00:07

Instrument :

BNA\_F

ClientSampleId :

082218-TIPC-F-D-B

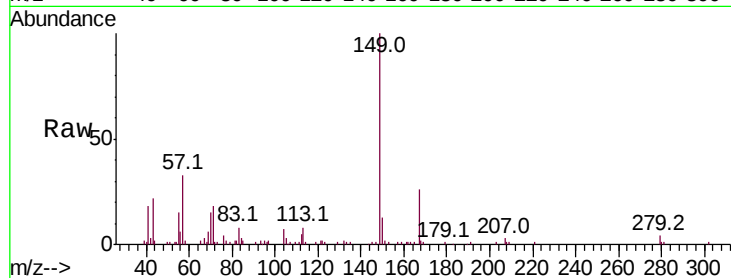
Tot Ion:149 Resp: 54095

Ion Ratio Lower Upper

149 100

167 26.2 21.3 31.9

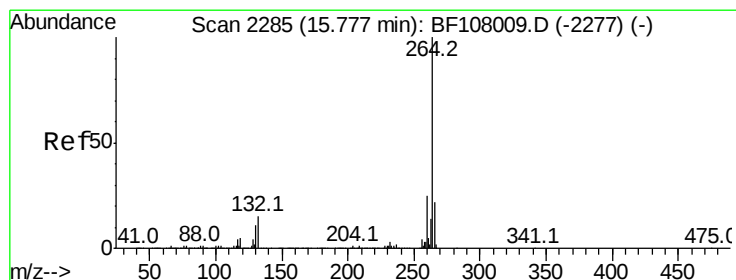
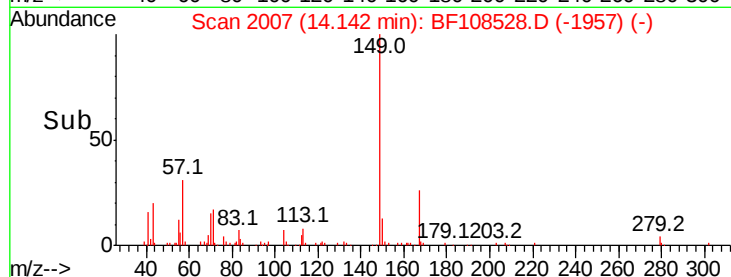
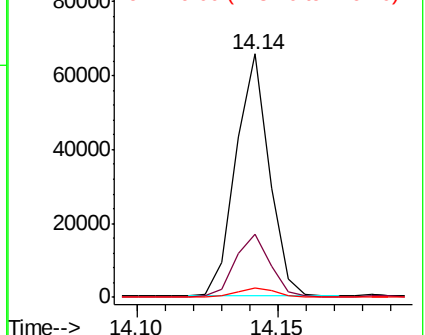
279 3.8 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.75 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF108528.D

Acq: 28 Aug 2018 00:07

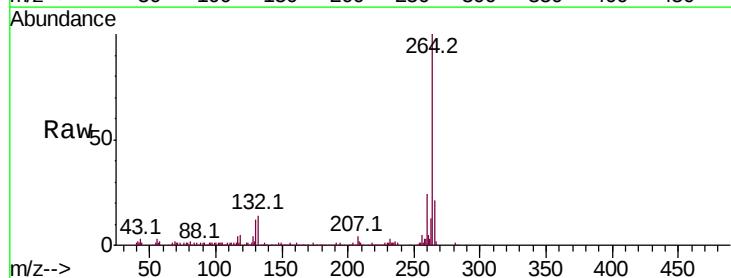
Tgt Ion:264 Resp: 176994

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 20.7 17.5 26.3



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

