

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\  
 Data File : BF108446.D  
 Acq On : 24 Aug 2018 3:43  
 Operator : JU/SJ  
 Sample : J4546-01  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BRICK-WALL-BPM

Quant Time: Aug 24 05:54:01 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

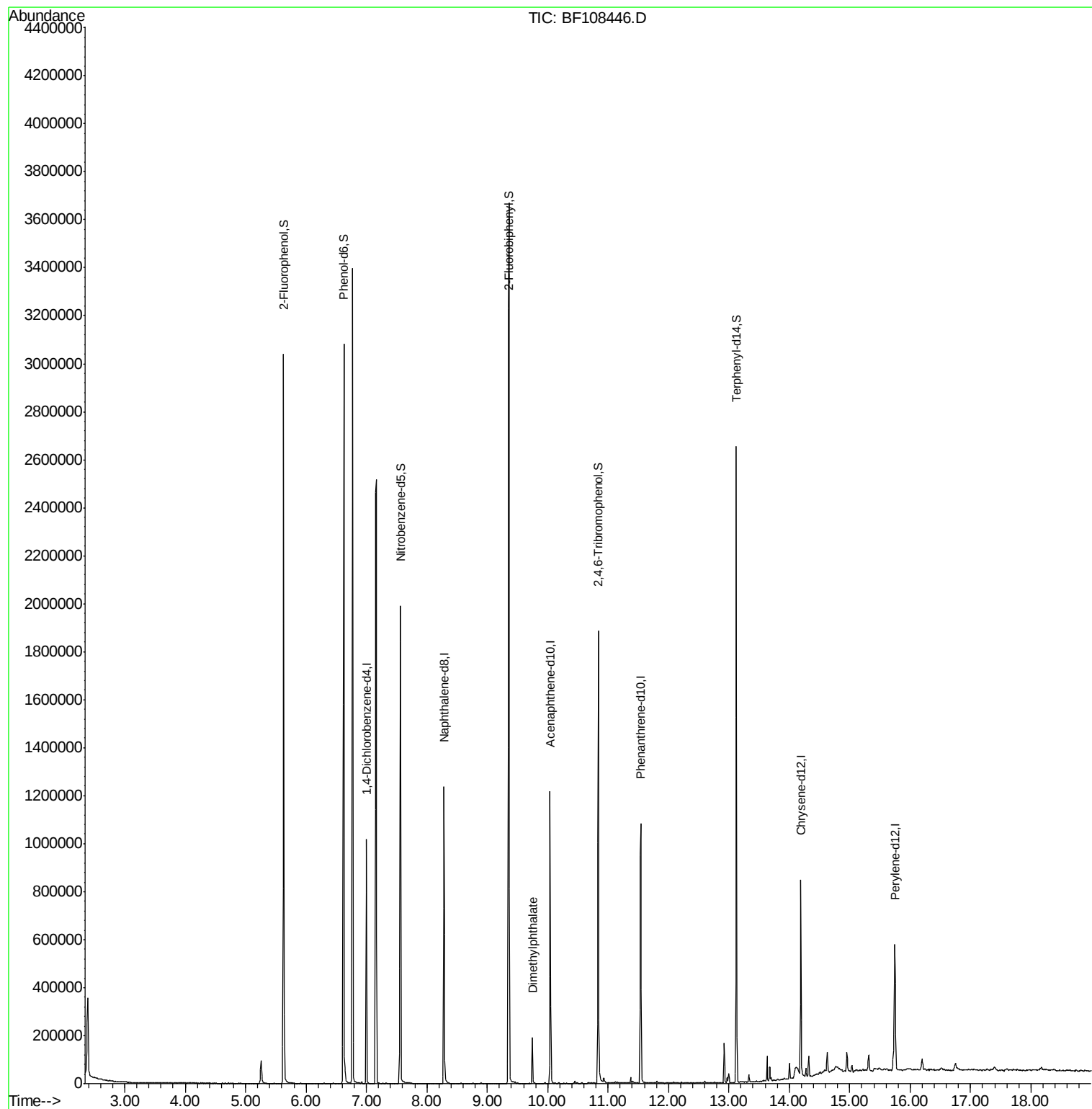
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)       |
|-----------------------------|-------|------|----------|--------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.00  | 152  | 139891   | 20.00  | ng    | 0.00           |
| 21) Naphthalene-d8          | 8.28  | 136  | 521145   | 20.00  | ng    | 0.00           |
| 38) Acenaphthene-d10        | 10.04 | 164  | 248398   | 20.00  | ng    | -0.01          |
| 63) Phenanthrene-d10        | 11.54 | 188  | 421303   | 20.00  | ng    | 0.00           |
| 75) Chrysene-d12            | 14.19 | 240  | 292025   | 20.00  | ng    | 0.00           |
| 86) Perylene-d12            | 15.75 | 264  | 259487   | 20.00  | ng    | -0.01          |
| System Monitoring Compounds |       |      |          |        |       |                |
| 5) 2-Fluorophenol           | 5.63  | 112  | 813777   | 105.32 | ng    | 0.00           |
| 7) Phenol-d6                | 6.62  | 99   | 1071217  | 104.33 | ng    | 0.00           |
| 23) Nitrobenzene-d5         | 7.57  | 82   | 707742   | 75.78  | ng    | 0.00           |
| 41) 2,4,6-Tribromophenol    | 10.84 | 330  | 225995   | 91.21  | ng    | -0.01          |
| 44) 2-Fluorobiphenyl        | 9.36  | 172  | 1180005  | 76.27  | ng    | 0.00           |
| 78) Terphenyl-d14           | 13.12 | 244  | 885515   | 77.10  | ng    | 0.00           |
| Target Compounds            |       |      |          |        |       |                |
| 49) Dimethylphthalate       | 9.75  | 163  | 85346    | 4.932  | ng    | Qvalue<br># 98 |

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

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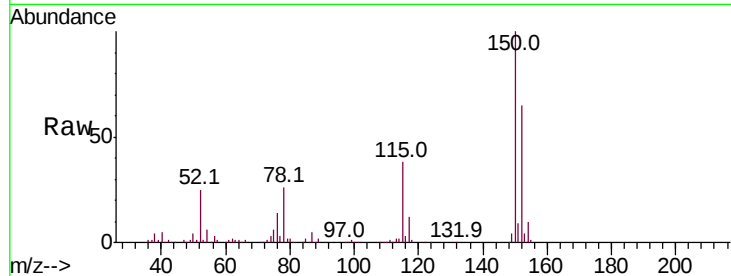


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.00 min Scan# 793  
Delta R.T. -0.01 min  
Lab File: BF108446.D  
Acq: 24 Aug 2018 3:43

Instrument :  
BNA\_F  
ClientSampleId :  
BRICK-WALL-BPM

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 153.2 | 124.6 | 186.8 |
| 115     | 57.7  | 50.1  | 75.1  |

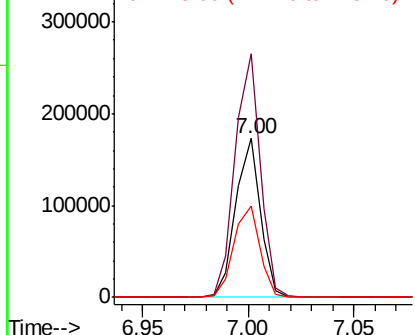
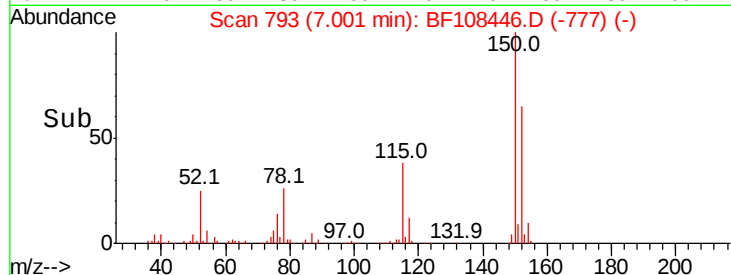


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

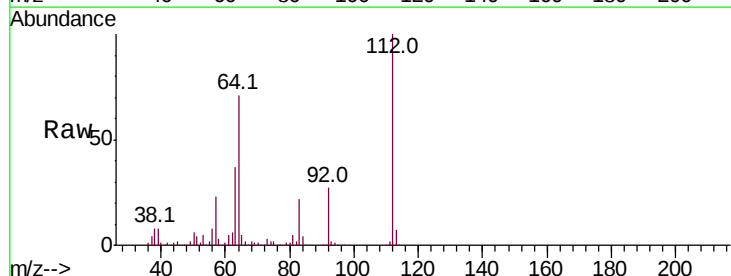
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol  
Concen: 105.318 ng  
RT: 5.63 min Scan# 560  
Delta R.T. -0.00 min  
Lab File: BF108446.D  
Acq: 24 Aug 2018 3:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 70.6  | 47.9  | 71.9  |
| 63      | 37.3  | 23.7  | 35.5  |

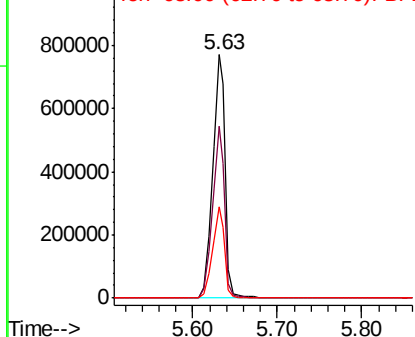
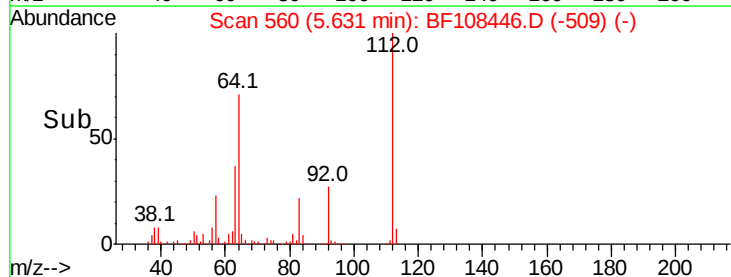


Abundance

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: 104.326 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108446.D

Acq: 24 Aug 2018 3:43

Instrument :

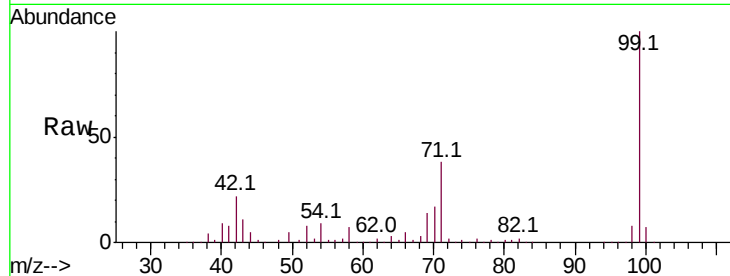
BNA\_F

ClientSampleId :

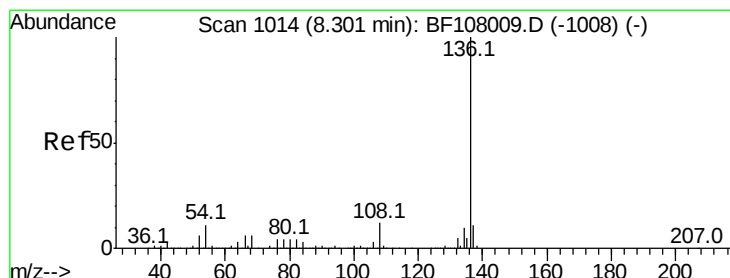
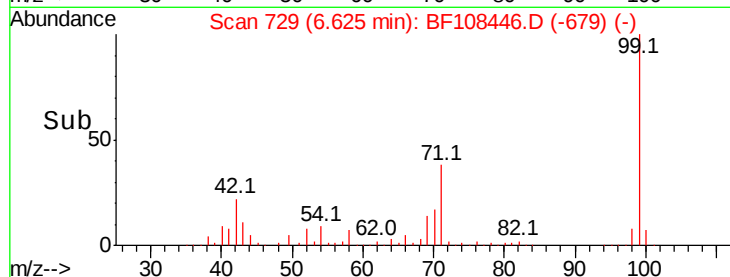
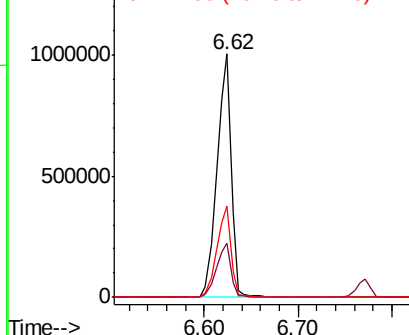
BRICK-WALL-BPM

Tot Ion: 99 Resp: 1071217

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 22.3  | 14.5  | 21.7# |
| 71  | 37.6  | 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

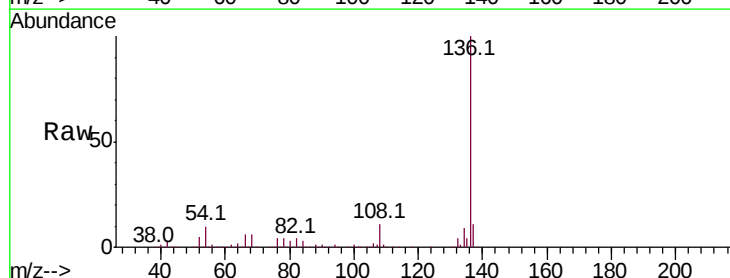
Delta R.T. -0.01 min

Lab File: BF108446.D

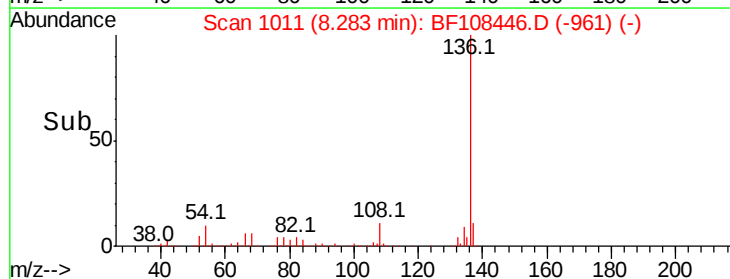
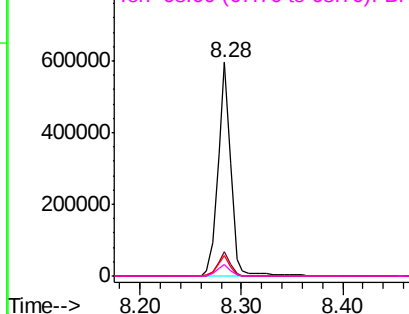
Acq: 24 Aug 2018 3:43

Tgt Ion: 136 Resp: 521145

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.2  | 8.9   | 13.3  |
| 54  | 9.6   | 6.6   | 9.8   |
| 68  | 5.6   | 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

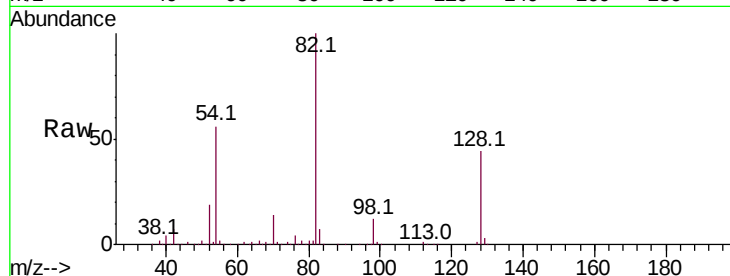




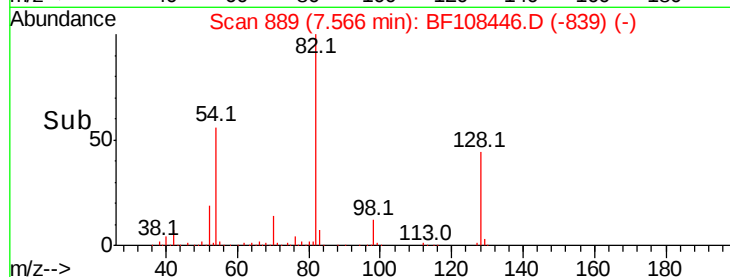
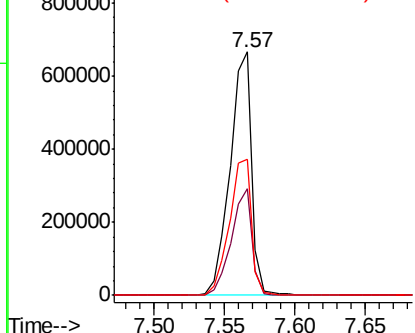
#23  
 Nitrobenzene-d5  
 Concen: 75.781 ng  
 RT: 7.57 min Scan# 889  
 Delta R.T. -0.01 min  
 Lab File: BF108446.D  
 Acq: 24 Aug 2018 3:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
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Tot Ion: 82 Resp: 707742  
 Ion Ratio Lower Upper  
 82 100  
 128 43.7 36.1 54.1  
 54 55.9 41.4 62.2

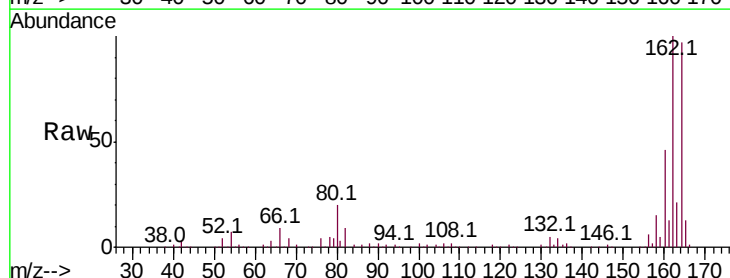


Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): E  
 Ion 54.00 (53.70 to 54.70): BF1

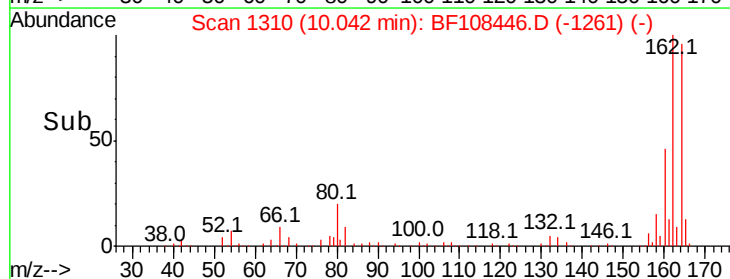
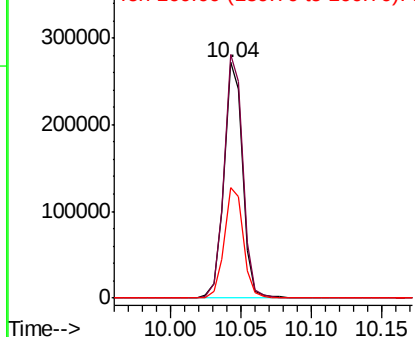


#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 10.04 min Scan# 1310  
 Delta R.T. -0.01 min  
 Lab File: BF108446.D  
 Acq: 24 Aug 2018 3:43

Tgt Ion:164 Resp: 248398  
 Ion Ratio Lower Upper  
 164 100  
 162 103.2 86.1 129.1  
 160 47.1 38.3 57.5



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

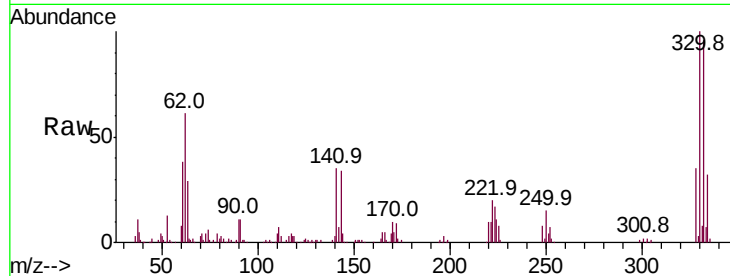




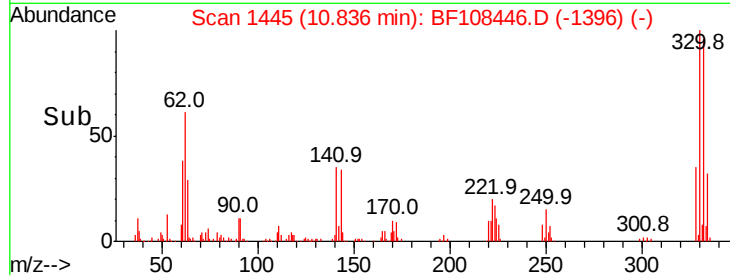
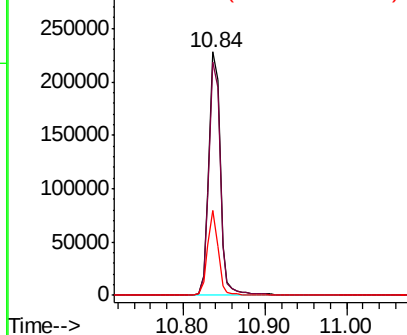
#41  
 2,4,6-Tribromophenol  
 Concen: 91.211 ng  
 RT: 10.84 min Scan# 1445  
 Delta R.T. -0.01 min  
 Lab File: BF108446.D  
 Acq: 24 Aug 2018 3:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BRICK-WALL-BPM

Tot Ion:330 Resp: 225995  
 Ion Ratio Lower Upper  
 330 100  
 332 95.4 77.0 115.6  
 141 32.5 29.9 44.9

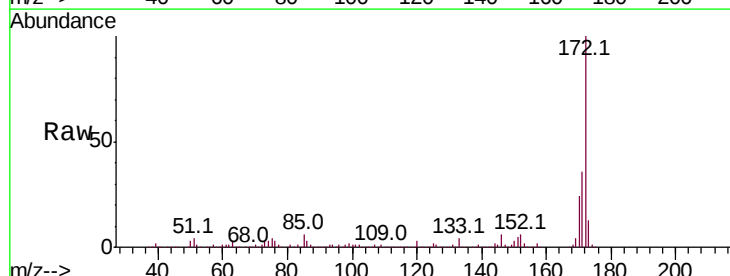


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

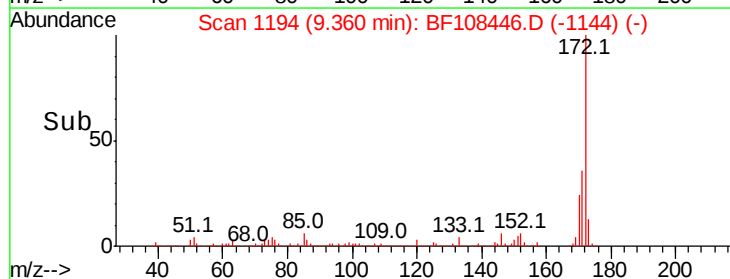
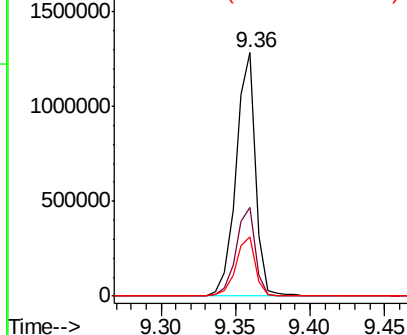


#44  
 2-Fluorobiphenyl  
 Concen: 76.267 ng  
 RT: 9.36 min Scan# 1194  
 Delta R.T. -0.01 min  
 Lab File: BF108446.D  
 Acq: 24 Aug 2018 3:43

Tgt Ion:172 Resp: 1180005  
 Ion Ratio Lower Upper  
 172 100  
 171 36.4 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

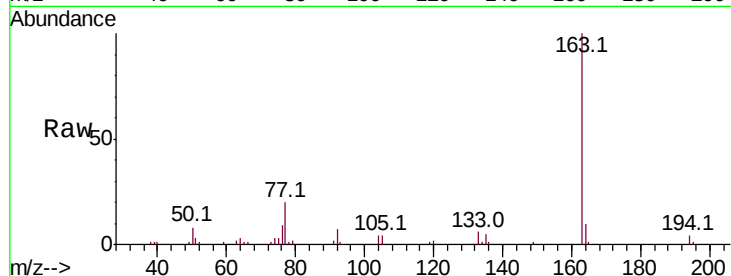




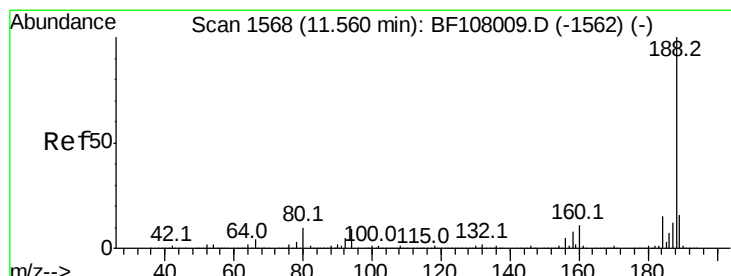
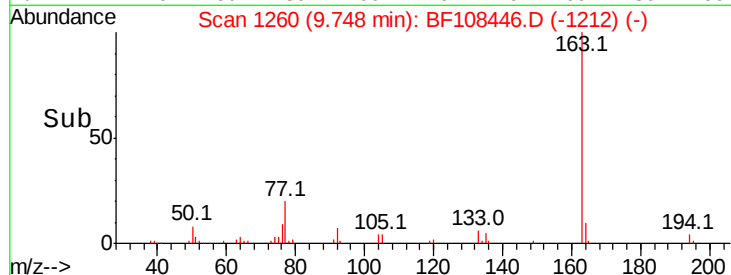
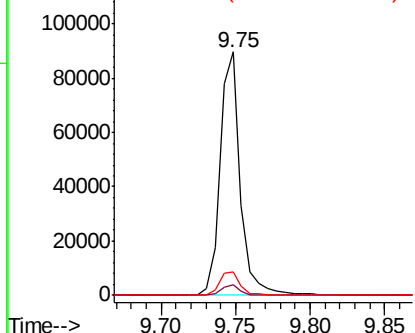
#49  
Dimethylphthalate  
Concen: 4.932 ng  
RT: 9.75 min Scan# 1260  
Delta R.T. -0.02 min  
Lab File: BF108446.D  
Acq: 24 Aug 2018 3:43

Instrument :  
BNA\_F  
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Tot Ion:163 Resp: 85346  
Ion Ratio Lower Upper  
163 100  
194 4.3 2.7 4.1#  
164 9.8 8.2 12.2

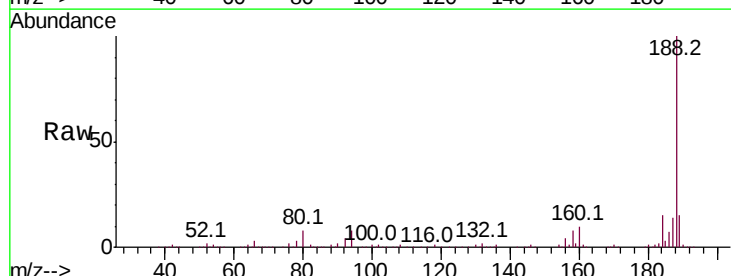


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

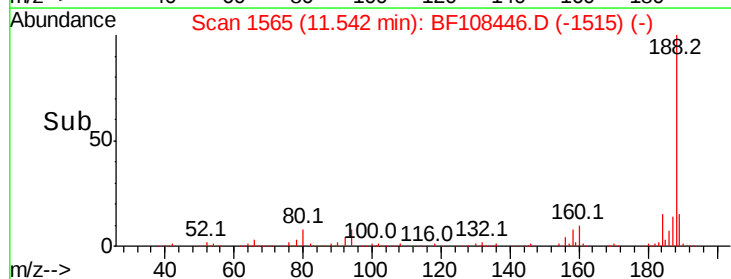
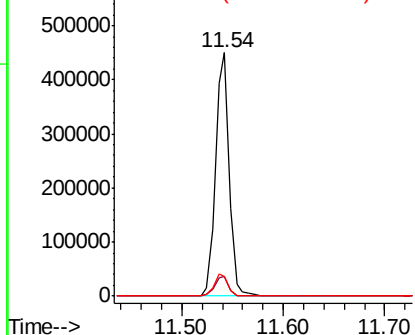


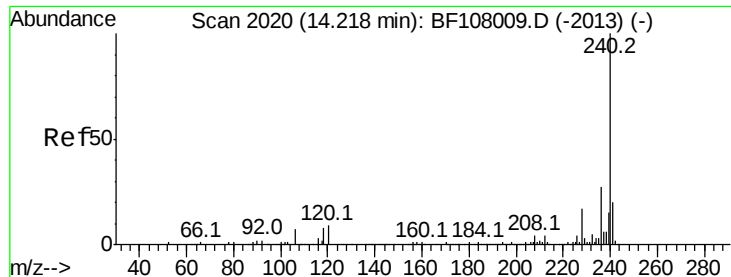
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.54 min Scan# 1565  
Delta R.T. -0.01 min  
Lab File: BF108446.D  
Acq: 24 Aug 2018 3:43

Tgt Ion:188 Resp: 421303  
Ion Ratio Lower Upper  
188 100  
94 8.0 8.5 12.7#  
80 8.2 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# 2016

Delta R.T. -0.01 min

Lab File: BF108446.D

Acq: 24 Aug 2018 3:43

Instrument :

BNA\_F

ClientSampleId :

BRICK-WALL-BPM

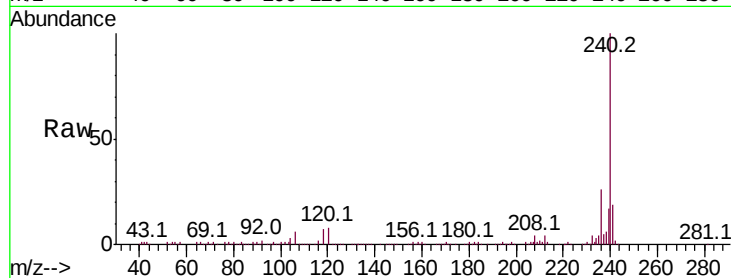
Tot Ion:240 Resp: 292025

Ion Ratio Lower Upper

240 100

120 8.1 9.5 14.3#

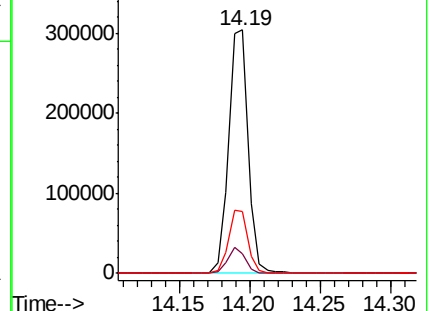
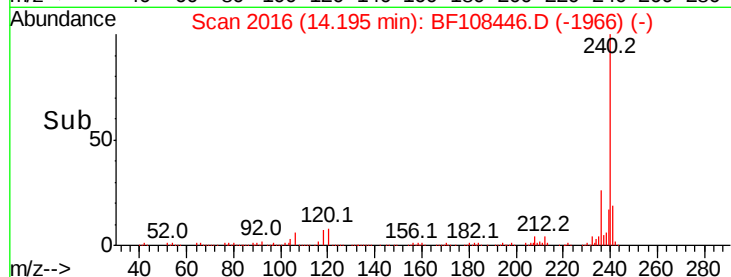
236 25.6 20.7 31.1



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: 77.099 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108446.D

Acq: 24 Aug 2018 3:43

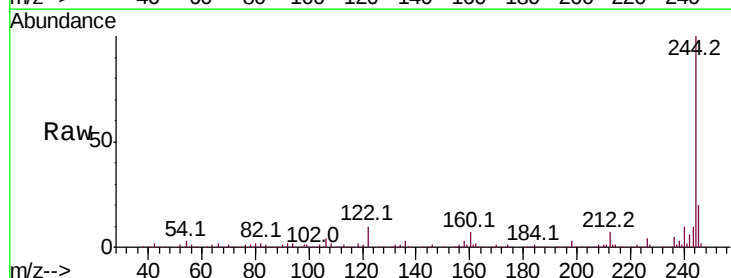
Tgt Ion:244 Resp: 885515

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

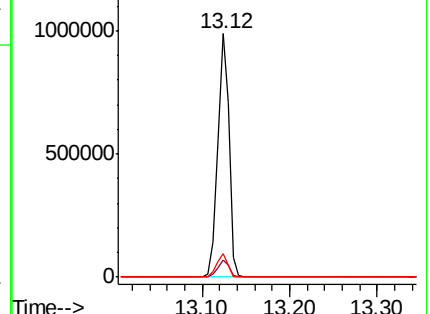
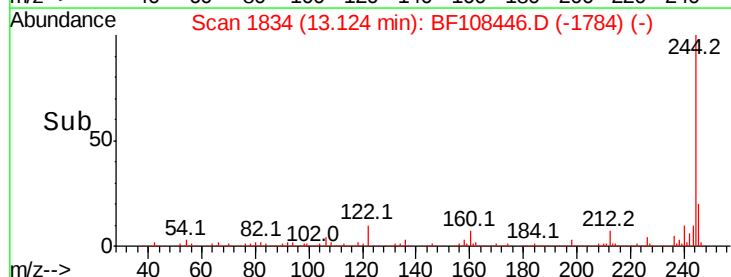
122 9.9 11.0 16.4#

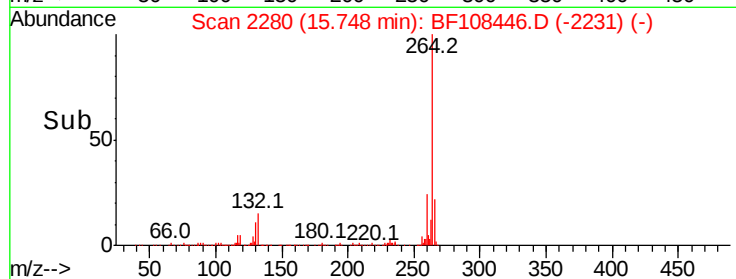
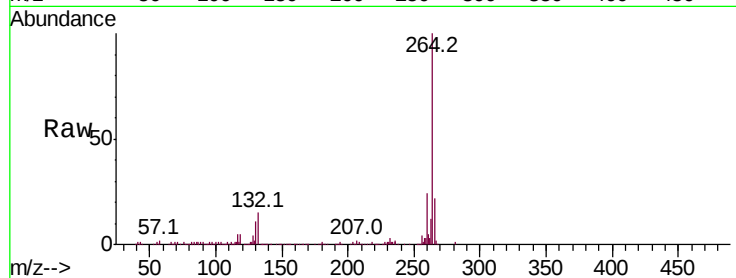


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.75 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF108446.D

Acq: 24 Aug 2018 3:43

Instrument :

BNA\_F

ClientSampleId :

BRICK-WALL-BPM

Tot Ion:264 Resp: 259487

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.7 17.5 26.3

