

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020617\  
 Data File : BF092810.D  
 Acq On : 6 Feb 2017 21:54  
 Operator : SJ/MA  
 Sample : I1706-04  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-SCW-COMP-04

Quant Time: Feb 07 01:45:47 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Feb 07 01:19:37 2017  
 Response via : Initial Calibration

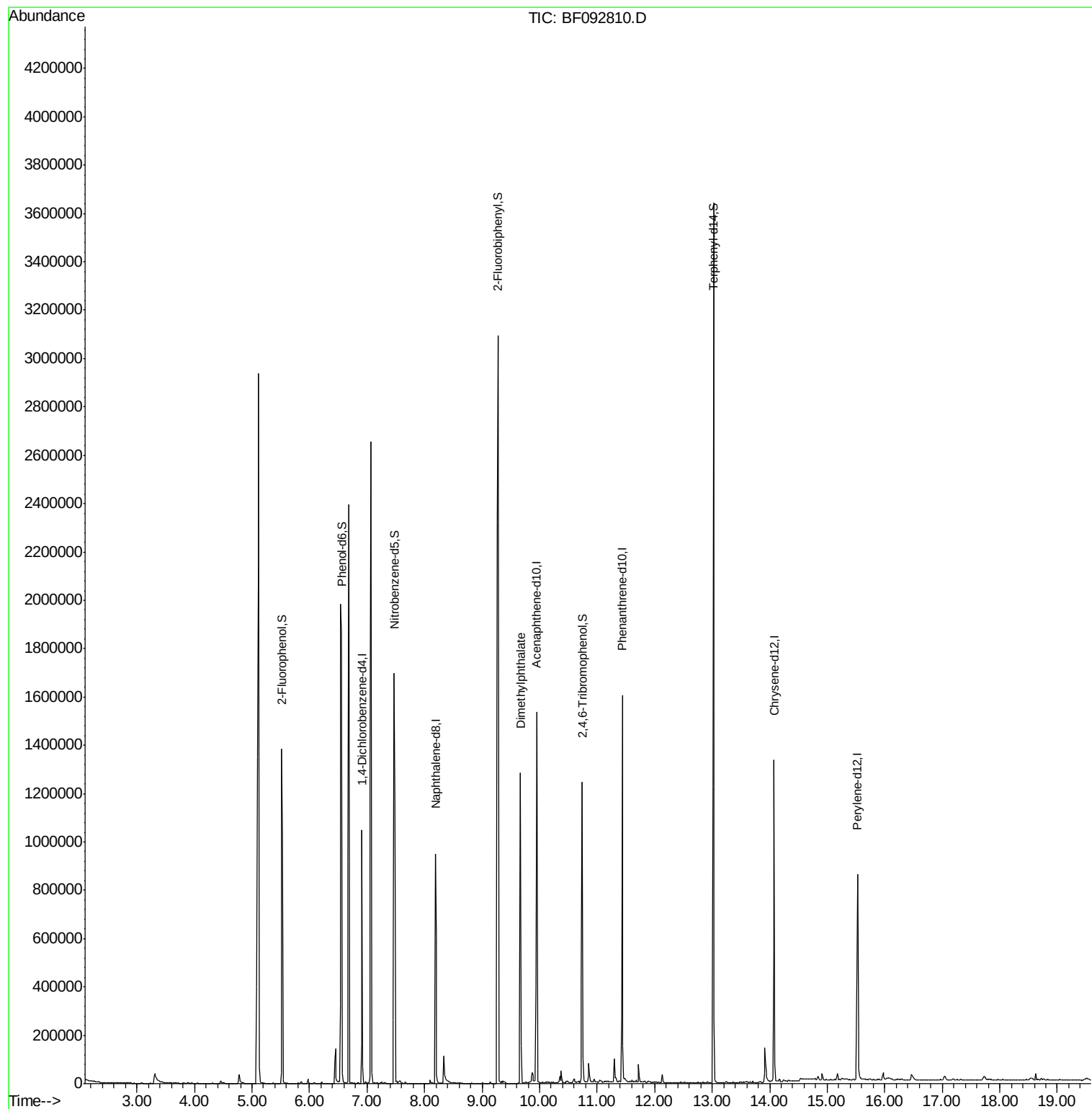
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.91  | 152  | 146999   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.19  | 136  | 551893   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10        | 9.95  | 164  | 332981   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10        | 11.44 | 188  | 566164   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12            | 14.08 | 240  | 503208   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12            | 15.53 | 264  | 374668   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.52  | 112  | 492040   | 57.43 | ng    | 0.00     |
| 7) Phenol-d6                | 6.56  | 99   | 1041720  | 94.49 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.47  | 82   | 732789   | 73.94 | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 10.74 | 330  | 144878   | 60.16 | ng    | -0.01    |
| 44) 2-Fluorobiphenyl        | 9.28  | 172  | 1399710  | 76.15 | ng    | 0.00     |
| 78) Terphenyl-d14           | 13.03 | 244  | 1161430  | 54.23 | ng    | 0.00     |
| Target Compounds            |       |      |          |       |       | Qvalue   |
| 49) Dimethylphthalate       | 9.66  | 163  | 516191   | 23.02 | ng    | 99       |

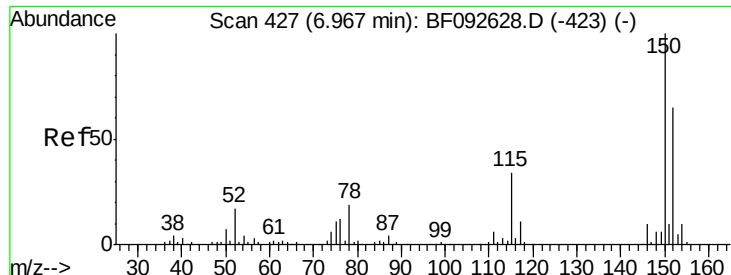
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020617\  
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Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
WC-SCW-COMP-04

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QLast Update : Tue Feb 07 01:19:37 2017  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.91 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF092810.D

Acq: 6 Feb 2017 21:54

Instrument :

BNA\_F

ClientSampleId :

WC-SCW-COMP-04

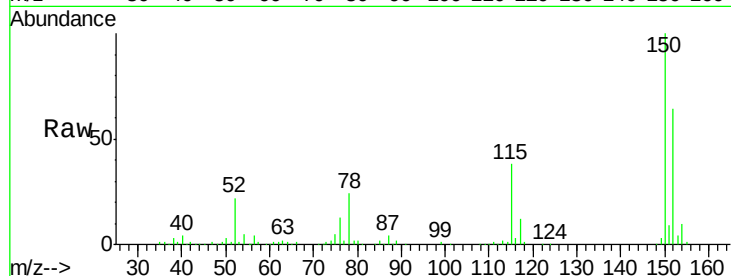
Tot Ion:152 Resp: 146999

Ion Ratio Lower Upper

152 100

150 157.0 124.9 187.3

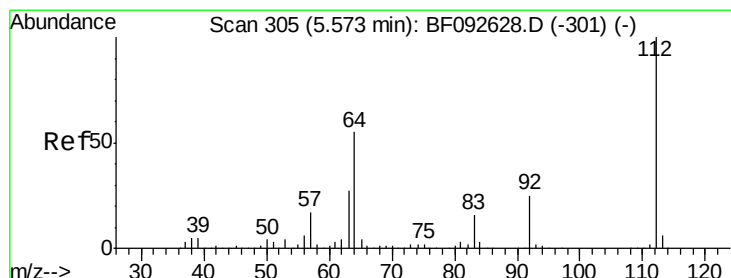
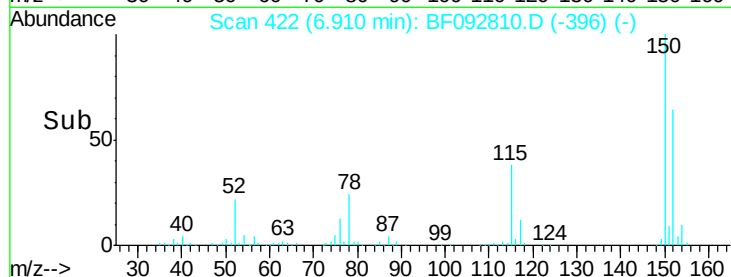
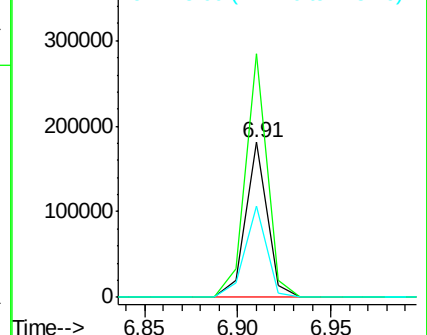
115 58.9 46.0 69.0



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: 57.43 ng

RT: 5.52 min Scan# 300

Delta R.T. 0.00 min

Lab File: BF092810.D

Acq: 6 Feb 2017 21:54

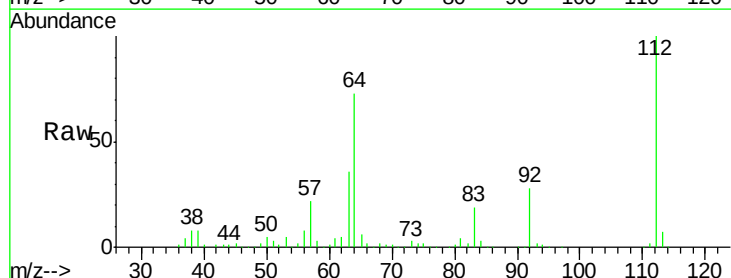
Tgt Ion:112 Resp: 492040

Ion Ratio Lower Upper

112 100

64 72.5 46.1 69.1#

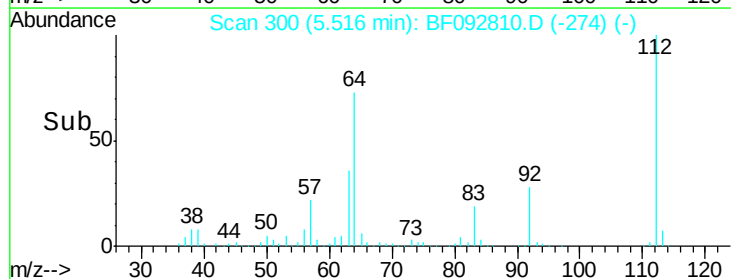
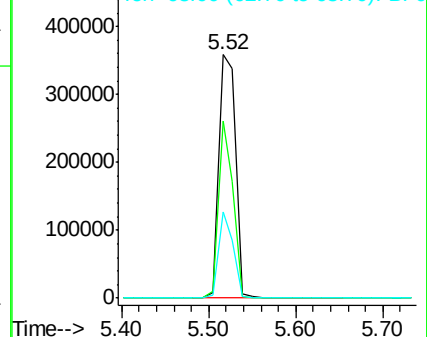
63 35.6 23.8 35.6

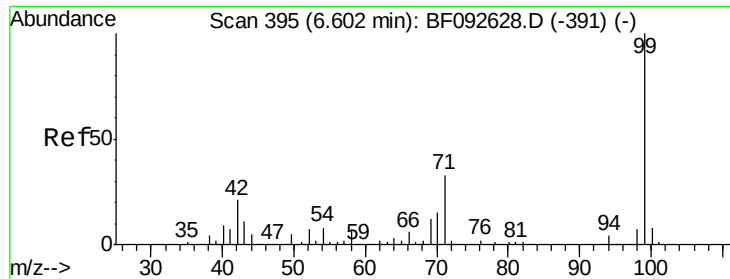


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 94.49 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF092810.D

Acq: 6 Feb 2017 21:54

Instrument :

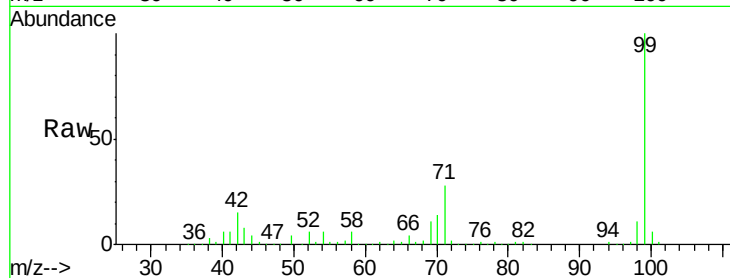
BNA\_F

ClientSampleId :

WC-SCW-COMP-04

Tot Ion: 99 Resp: 1041720

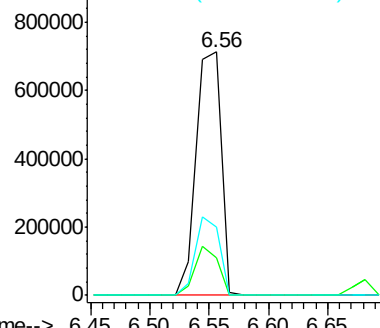
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 15.3  | 15.6  | 23.4# |
| 71  | 28.3  | 27.5  | 41.3  |



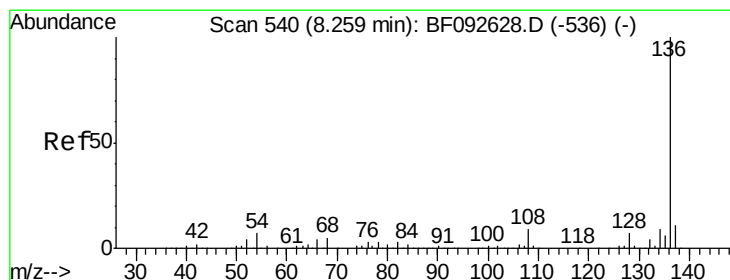
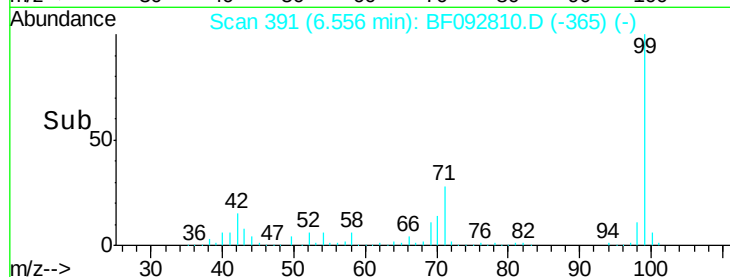
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 534

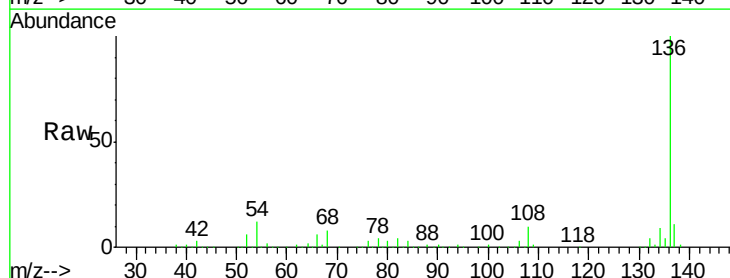
Delta R.T. -0.01 min

Lab File: BF092810.D

Acq: 6 Feb 2017 21:54

Tgt Ion: 136 Resp: 551893

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.4  | 8.4   | 12.6  |
| 54  | 11.8  | 4.5   | 6.7#  |
| 68  | 7.8   | 3.6   | 5.4#  |

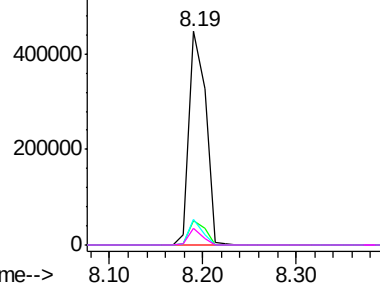


Abundance Ion 136.00 (135.70 to 136.70): E

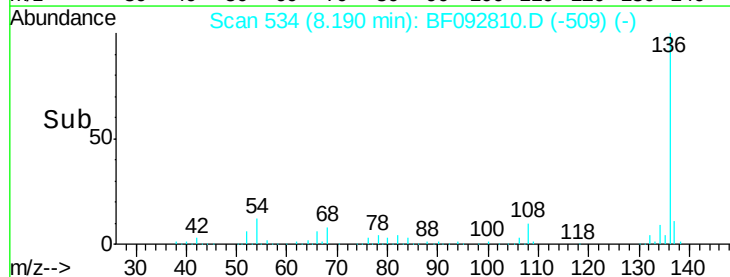
Ion 137.00 (136.70 to 137.70): E

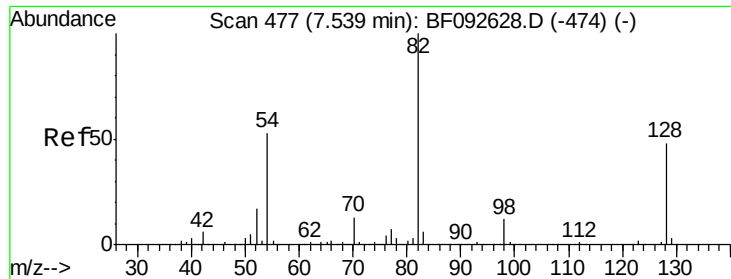
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

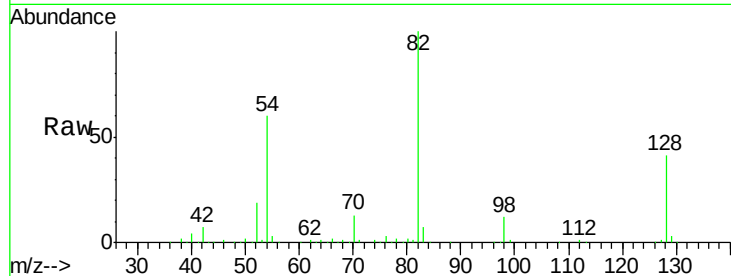




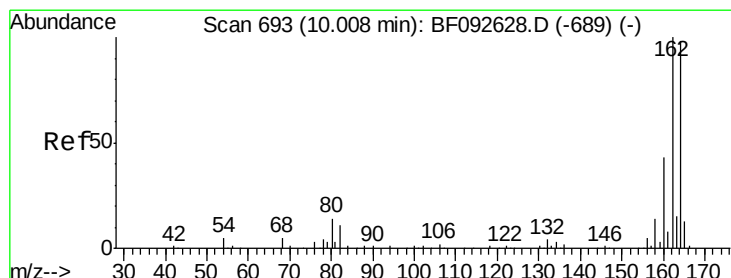
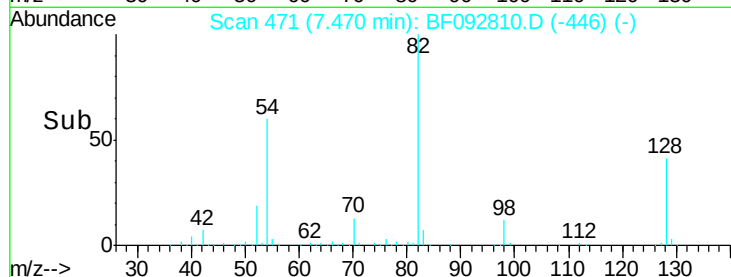
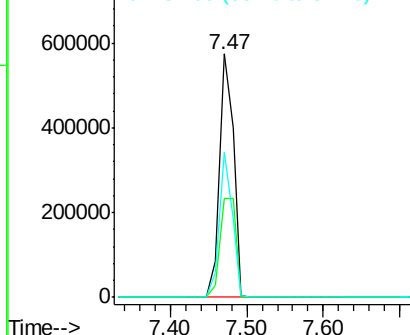
#23  
 Nitrobenzene-d5  
 Concen: 73.94 ng  
 RT: 7.47 min Scan# 471  
 Delta R.T. -0.01 min  
 Lab File: BF092810.D  
 Acq: 6 Feb 2017 21:54

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-SCW-COMP-04

| Tot Ion   | 82    | Resp  | 732789 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 40.6  | 34.6  | 52.0   |
| 54        | 59.5  | 39.5  | 59.3#  |

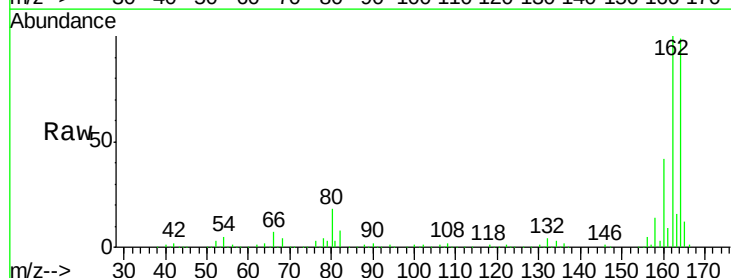


Abundance Ion 82.00 (81.70 to 82.70): BF0  
 Ion 128.00 (127.70 to 128.70): E  
 Ion 54.00 (53.70 to 54.70): BF0

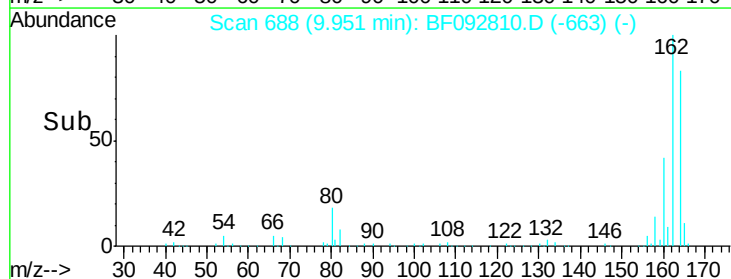
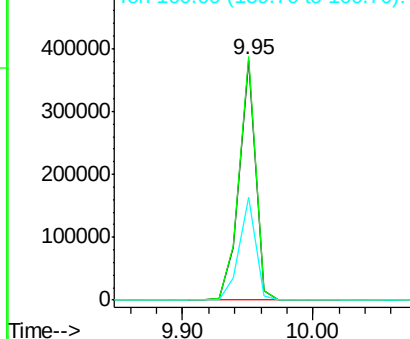


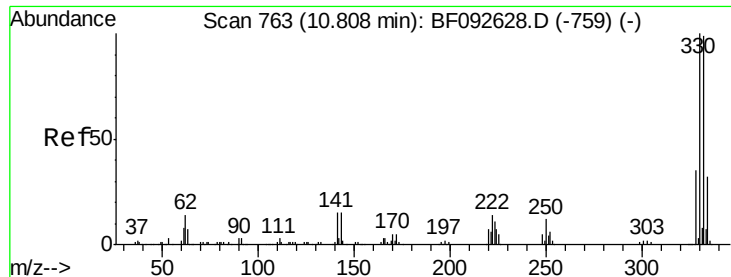
#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.95 min Scan# 688  
 Delta R.T. -0.01 min  
 Lab File: BF092810.D  
 Acq: 6 Feb 2017 21:54

| Tgt Ion   | 164   | Resp  | 332981 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 101.5 | 80.2  | 120.2  |
| 160       | 43.0  | 36.9  | 55.3   |



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

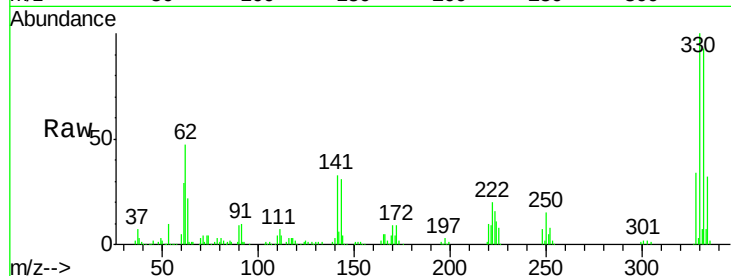




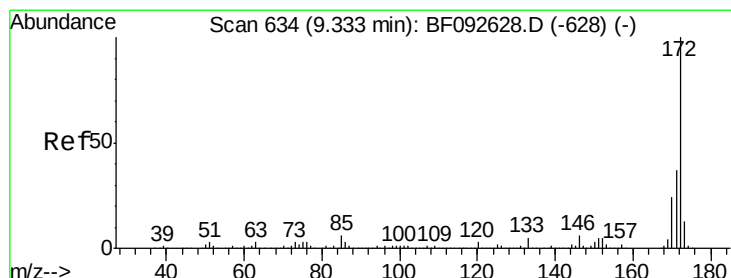
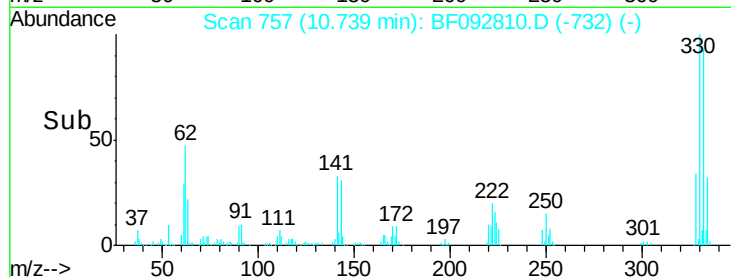
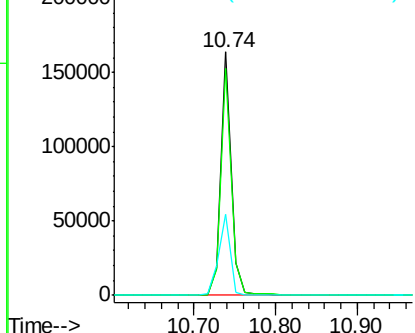
#41  
 2,4,6-Tribromophenol  
 Concen: 60.16 ng  
 RT: 10.74 min Scan# 757  
 Delta R.T. -0.01 min  
 Lab File: BF092810.D  
 Acq: 6 Feb 2017 21:54

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-SCW-COMP-04

Tot Ion:330 Resp: 144878  
 Ion Ratio Lower Upper  
 330 100  
 332 94.8 77.4 116.2  
 141 37.8 34.1 51.1

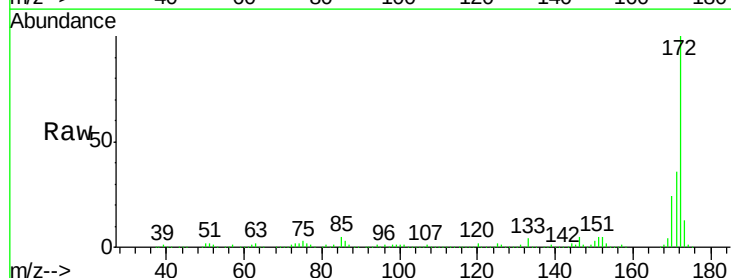


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

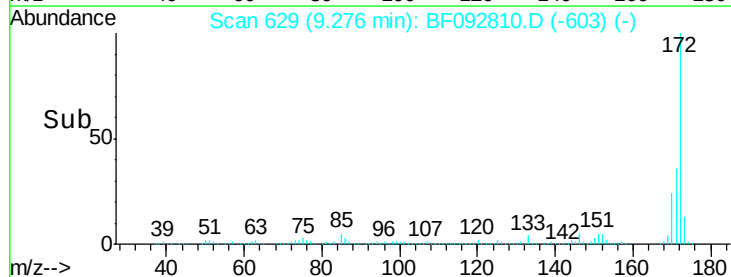
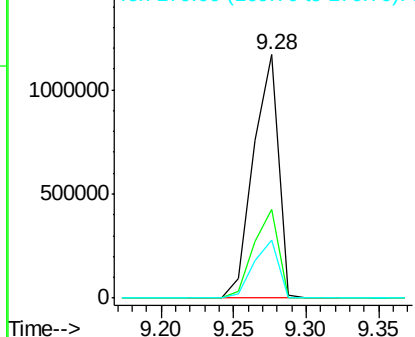


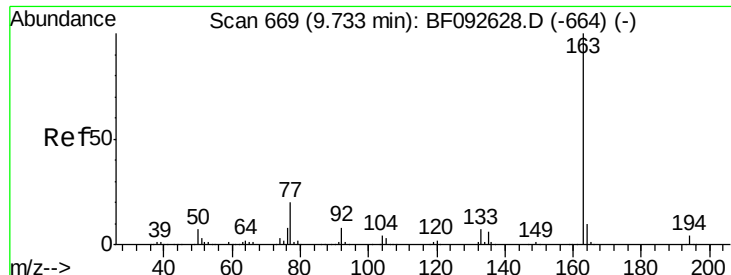
#44  
 2-Fluorobiphenyl  
 Concen: 76.15 ng  
 RT: 9.28 min Scan# 629  
 Delta R.T. 0.00 min  
 Lab File: BF092810.D  
 Acq: 6 Feb 2017 21:54

Tgt Ion:172 Resp: 1399710  
 Ion Ratio Lower Upper  
 172 100  
 171 36.4 29.4 44.0  
 170 23.9 20.2 30.4



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: 23.02 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.02 min

Lab File: BF092810.D

Acq: 6 Feb 2017 21:54

Instrument :

BNA\_F

ClientSampleId :

WC-SCW-COMP-04

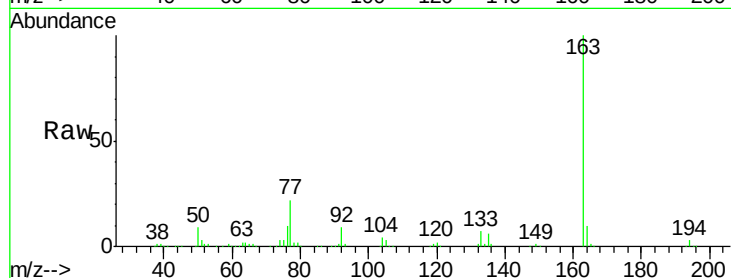
Tot Ion:163 Resp: 516191

Ion Ratio Lower Upper

163 100

194 3.3 3.0 4.4

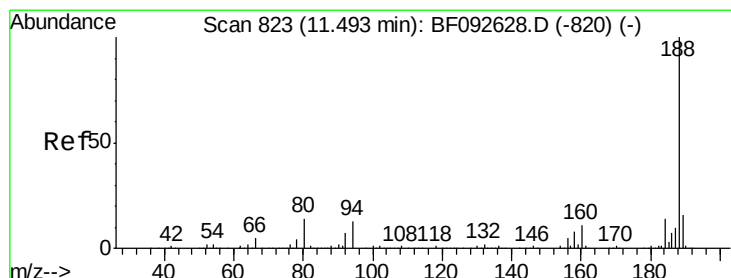
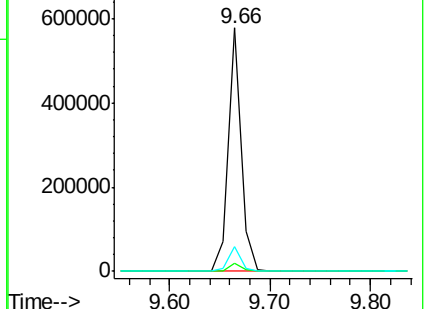
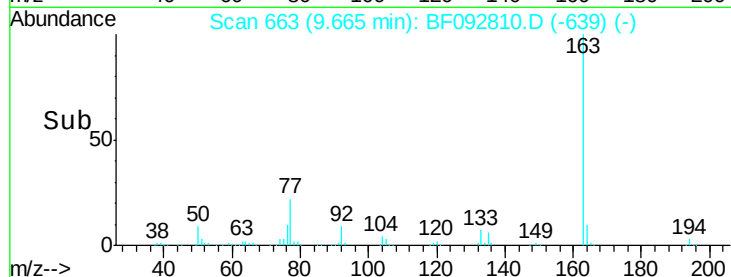
164 10.3 8.0 12.0



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.44 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF092810.D

Acq: 6 Feb 2017 21:54

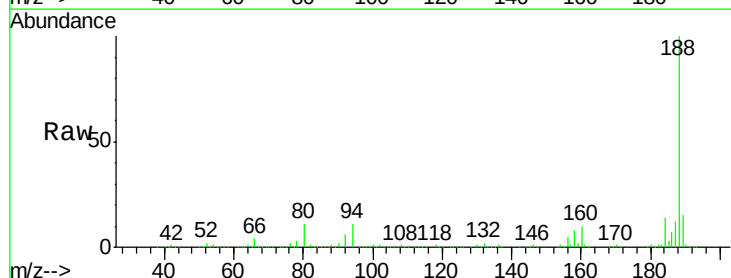
Tgt Ion:188 Resp: 566164

Ion Ratio Lower Upper

188 100

94 10.7 10.0 15.0

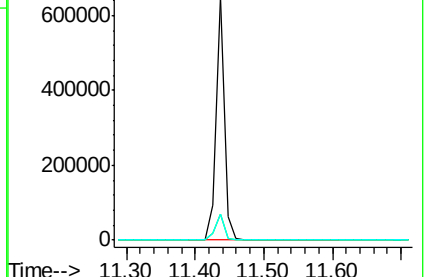
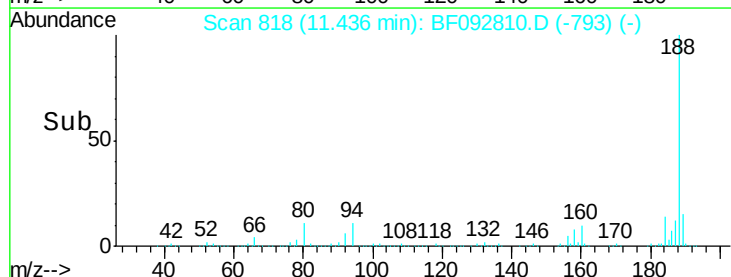
80 10.6 11.2 16.8#

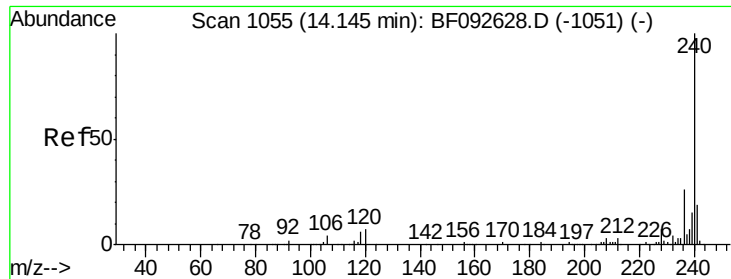


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

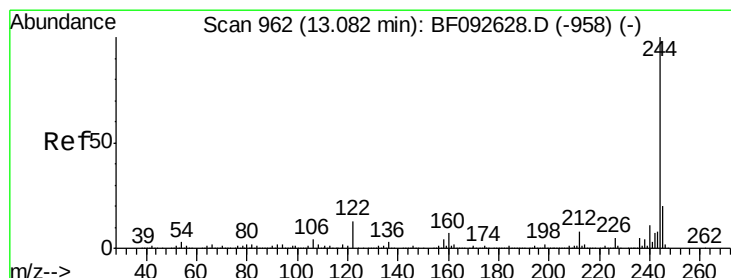
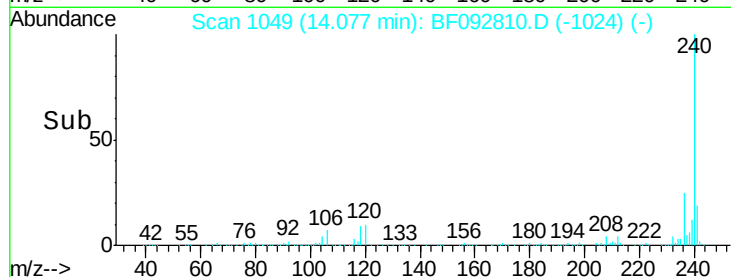
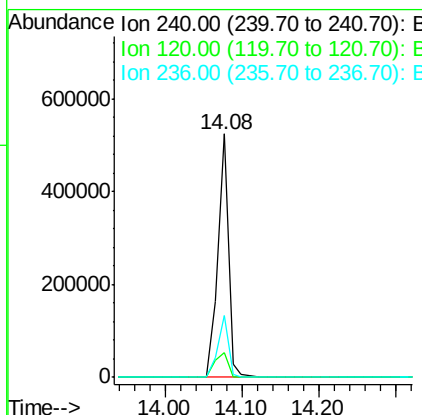
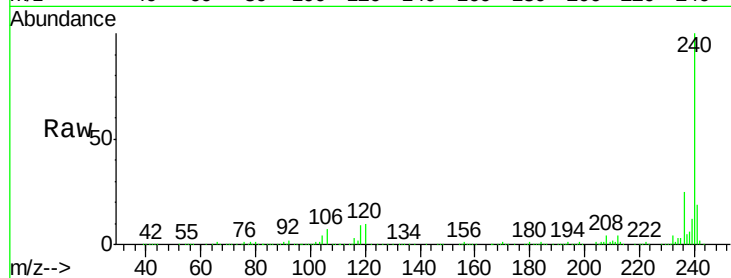




#75  
 Chrysene-d12  
 Concen: 20.00 ng  
 RT: 14.08 min Scan# 1049  
 Delta R.T. -0.01 min  
 Lab File: BF092810.D  
 Acq: 6 Feb 2017 21:54

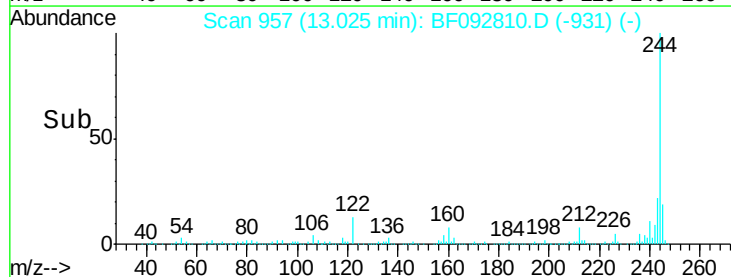
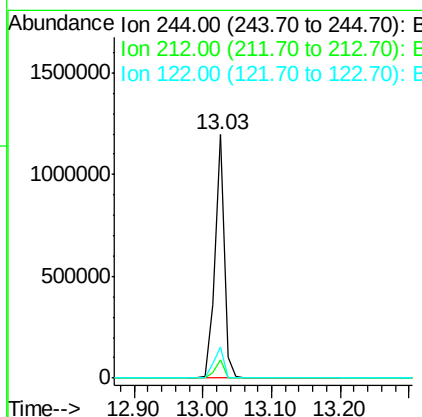
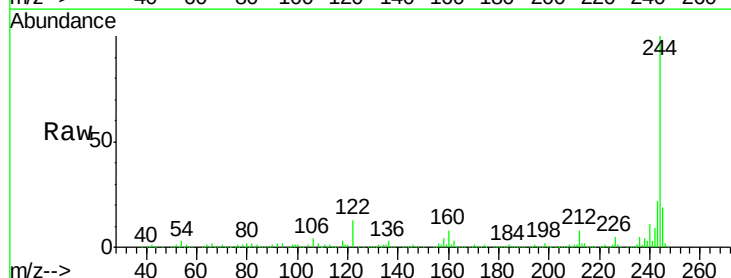
Instrument :  
 BNA\_F  
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 WC-SCW-COMP-04

Tot Ion:240 Resp: 503208  
 Ion Ratio Lower Upper  
 240 100  
 120 10.1 12.9 19.3#  
 236 25.2 20.9 31.3

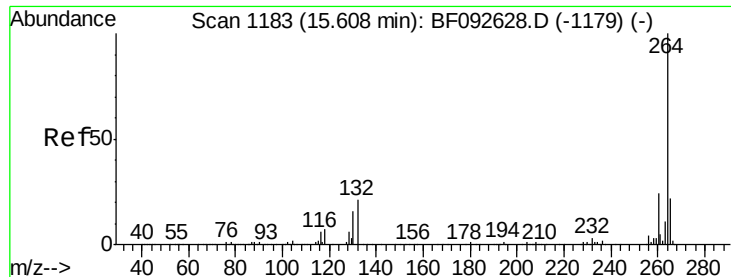


#78  
 Terphenyl-d14  
 Concen: 54.23 ng  
 RT: 13.03 min Scan# 957  
 Delta R.T. 0.00 min  
 Lab File: BF092810.D  
 Acq: 6 Feb 2017 21:54

Tgt Ion:244 Resp: 1161430  
 Ion Ratio Lower Upper  
 244 100  
 212 7.7 6.2 9.2  
 122 12.8 11.4 17.2







#86  
Pervlene-d12  
Concen: 20.00 ng  
RT: 15.53 min Scan# 1176  
Delta R.T. 0.00 min  
Lab File: BF092810.D  
Acq: 6 Feb 2017 21:54

Instrument :  
BNA\_F  
ClientSampleId :  
WC-SCW-COMP-04

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.4  | 19.2  | 28.8  |
| 265     | 21.7  | 17.4  | 26.0  |

