

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041317\  
 Data File : BF094417.D  
 Acq On : 14 Apr 2017 4:31  
 Operator : SJ/MA  
 Sample : I2671-01 50X  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 DRUM-(1)

Quant Time: Apr 14 07:54:08 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 14 01:21:26 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 5.79  | 152  | 138184   | 20.00 | ng    | -0.04    |
| 21) Naphthalene-d8        | 7.29  | 136  | 525933   | 20.00 | ng    | -0.05    |
| 38) Acenaphthene-d10      | 9.43  | 164  | 196196   | 20.00 | ng    | -0.04    |
| 63) Phenanthrene-d10      | 11.25 | 188  | 308161   | 20.00 | ng    | -0.04    |
| 75) Chrysene-d12          | 14.49 | 240  | 272463   | 20.00 | ng    | -0.06    |
| 86) Perylene-d12          | 16.12 | 264  | 212722   | 20.00 | ng    | -0.06    |

| System Monitoring Compounds | R.T. | QIon | Response | Conc | Units |
|-----------------------------|------|------|----------|------|-------|
| 5) 2-Fluorophenol           | 0.00 | 112  | 0d       | 0.00 | ng    |
| 7) Phenol-d6                | 0.00 | 99   | 0d       | 0.00 | ng    |
| 23) Nitrobenzene-d5         | 0.00 | 82   | 0d       | 0.00 | ng    |
| 41) 2,4,6-Tribromophenol    | 0.00 | 330  | 0        | 0.00 | ng    |
| 44) 2-Fluorobiphenyl        | 0.00 | 172  | 0d       | 0.00 | ng    |
| 78) Terphenyl-d14           | 0.00 | 244  | 0d       | 0.00 | ng    |

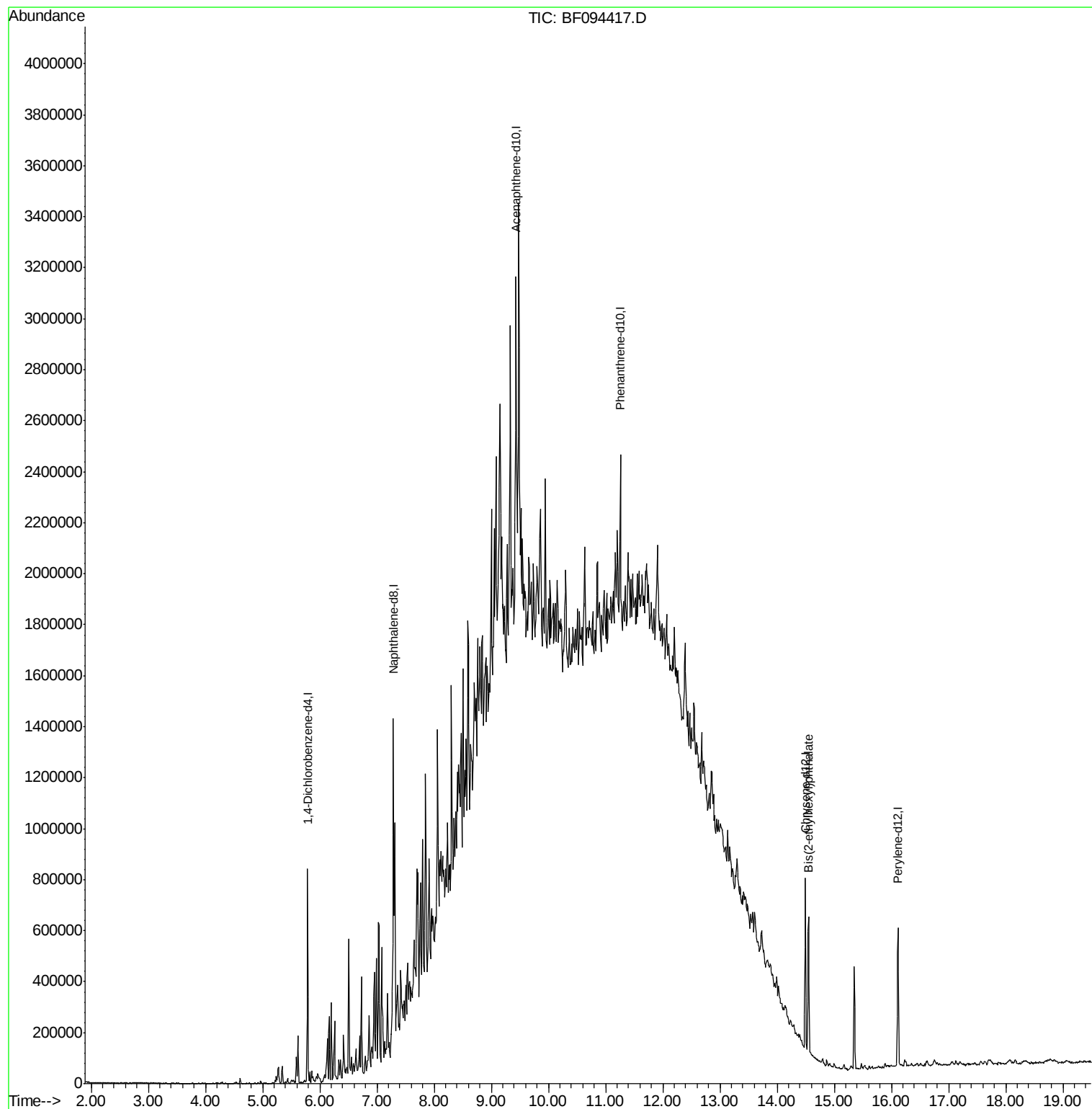
| Target Compounds               | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|--------------------------------|-------|------|----------|-------|-------|--------|
| 83) Bis(2-ethylhexyl)phthalate | 14.55 | 149  | 177477   | 15.44 | ng    | # 98   |

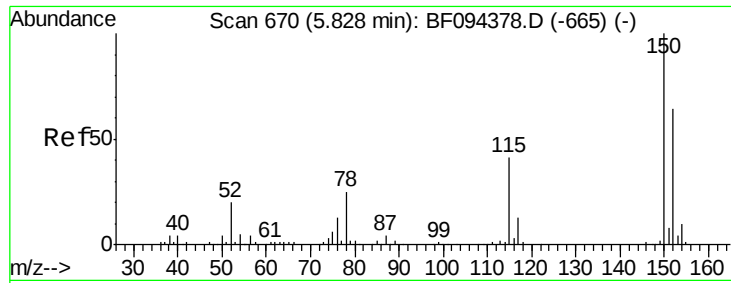
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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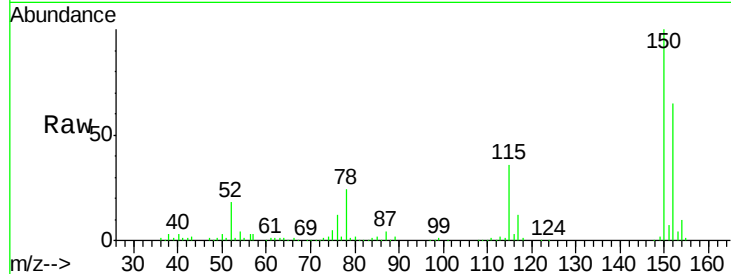


#1

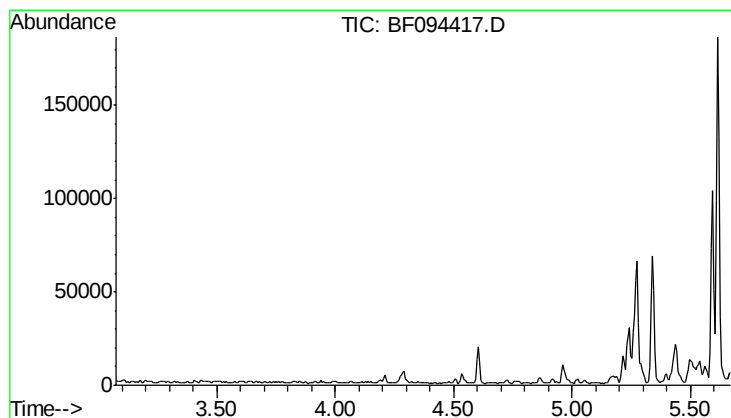
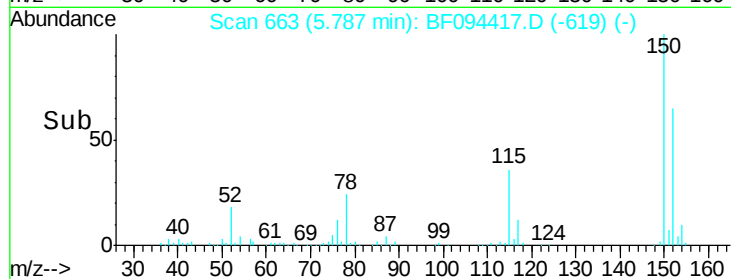
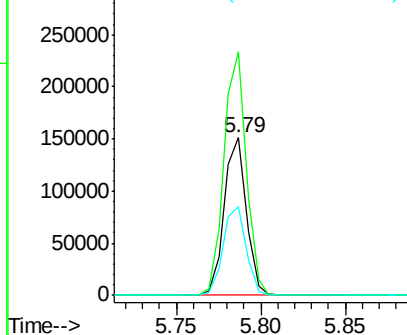
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 5.79 min Scan# 663  
Delta R.T. -0.04 min  
Lab File: BF094417.D  
Acq: 14 Apr 2017 4:31

Instrument :  
BNA\_F  
ClientSampleId :  
DRUM-(1)

Tot Ion:152 Resp: 138184  
Ion Ratio Lower Upper  
152 100  
150 154.5 126.2 189.2  
115 56.2 52.2 78.2



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

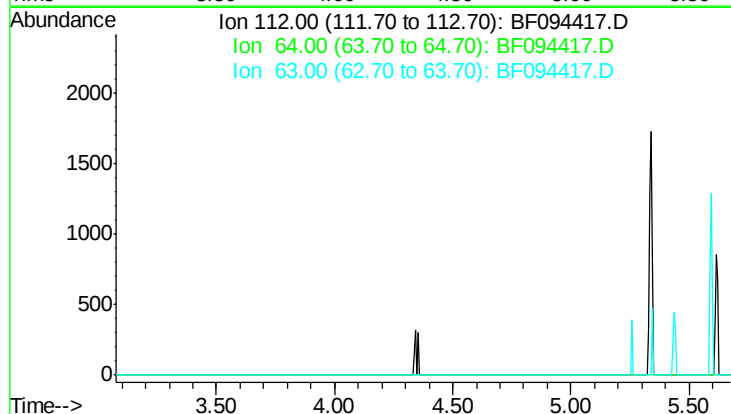


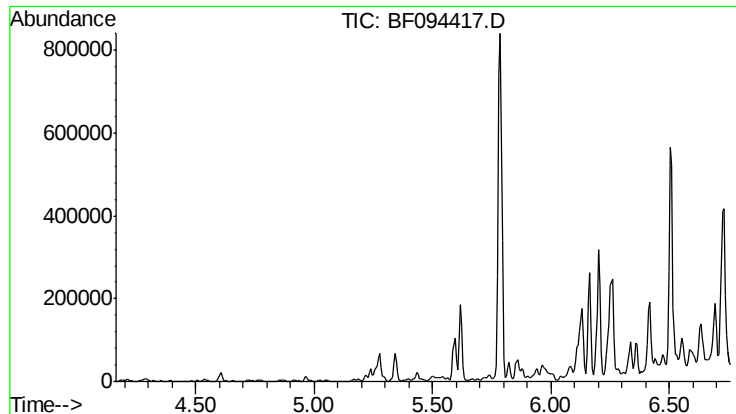
#5

2-Fluorophenol  
Concen: 0.00 ng  
Expected RT: 4.37 min

Lab File: BF094417.D  
Acq: 14 Apr 2017 4:31

Tgt Ion: 112  
Sig Exp Ratio  
112 100  
64 57.5  
63 29.2





#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 5.46 min

Lab File: BF094417.D

Acq: 14 Apr 2017 4:31

Instrument :

BNA\_F

ClientSampleId :

DRUM-(1)

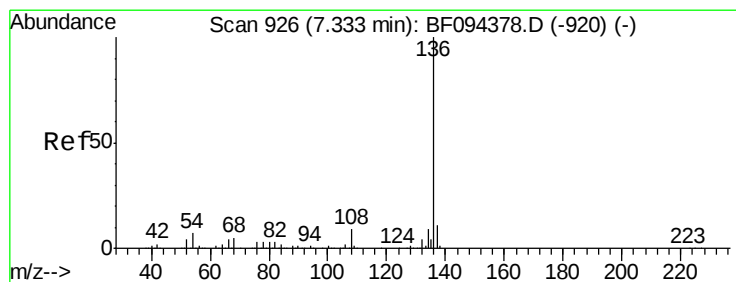
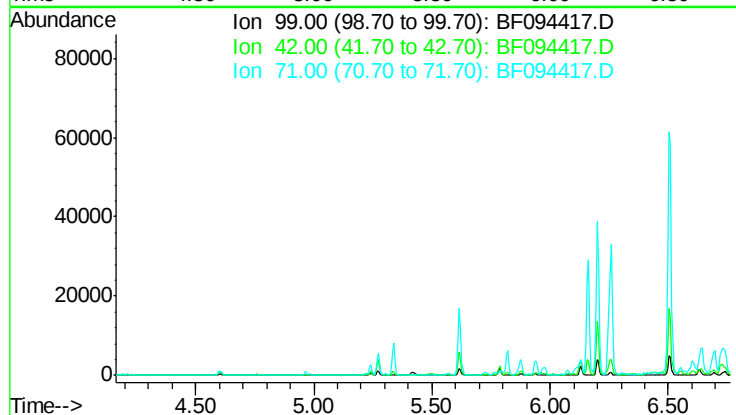
Tot Ion: 99

Sig Exp Ratio

99 100

42 16.9

71 30.6



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.29 min Scan# 918

Delta R.T. -0.05 min

Lab File: BF094417.D

Acq: 14 Apr 2017 4:31

Tgt Ion:136 Resp: 525933

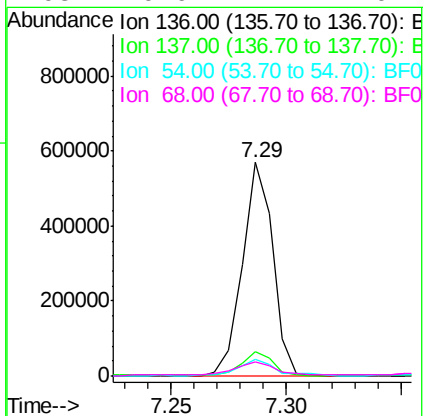
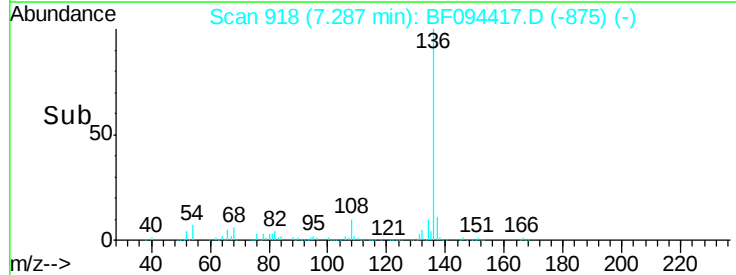
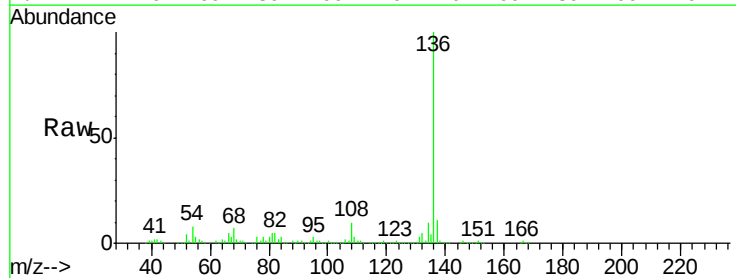
Ion Ratio Lower Upper

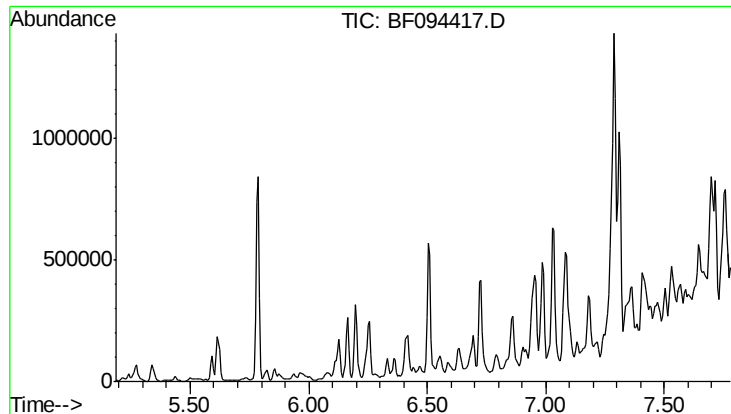
136 100

137 11.3 8.5 12.7

54 7.8 4.9 7.3#

68 6.6 4.1 6.1#

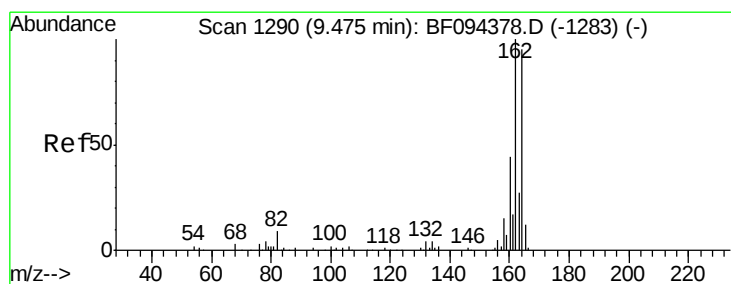
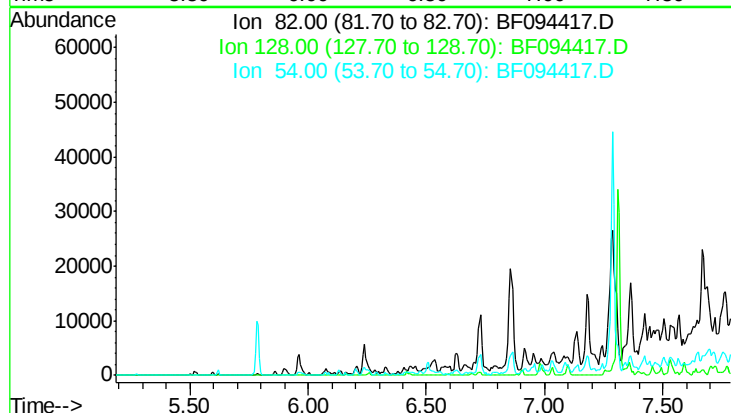




#23  
 Nitrobenzene-d5  
 Concen: 0.00 ng  
 Expected RT: 6.49 min  
 Lab File: BF094417.D  
 Acq: 14 Apr 2017 4:31

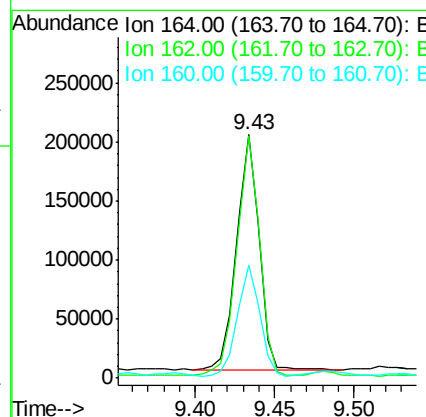
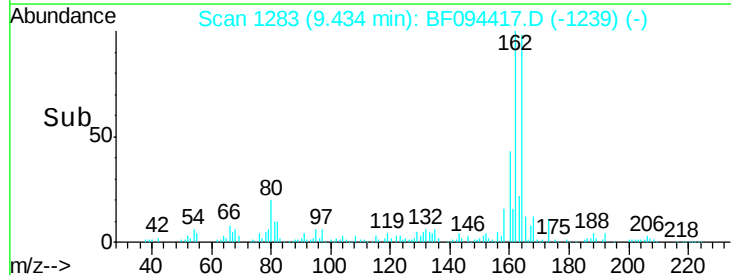
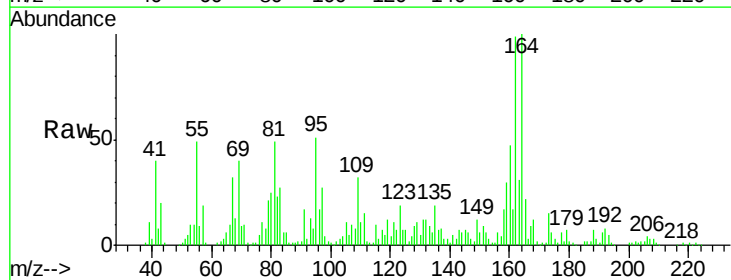
Instrument :  
 BNA\_F  
 ClientSampleId :  
 DRUM-(1)

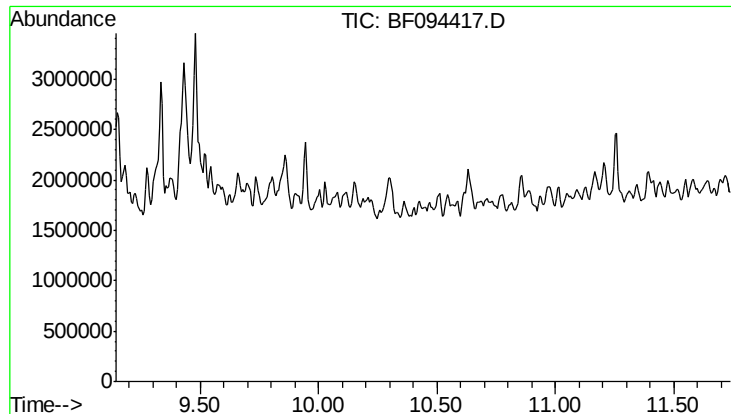
Tot Ion: 82  
 Sig Exp Ratio  
 82 100  
 128 42.5  
 54 52.7



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.43 min Scan# 1283  
 Delta R.T. -0.04 min  
 Lab File: BF094417.D  
 Acq: 14 Apr 2017 4:31

Tgt Ion:164 Resp: 196196  
 Ion Ratio Lower Upper  
 164 100  
 162 99.4 82.6 123.8  
 160 46.6 36.2 54.2





#41

2,4,6-Tribromophenol

Concen: 0.00 ng

Expected RT: 10.45 min

Lab File: BF094417.D

Acq: 14 Apr 2017 4:31

Instrument :

BNA\_F

ClientSampleId :

DRUM-(1)

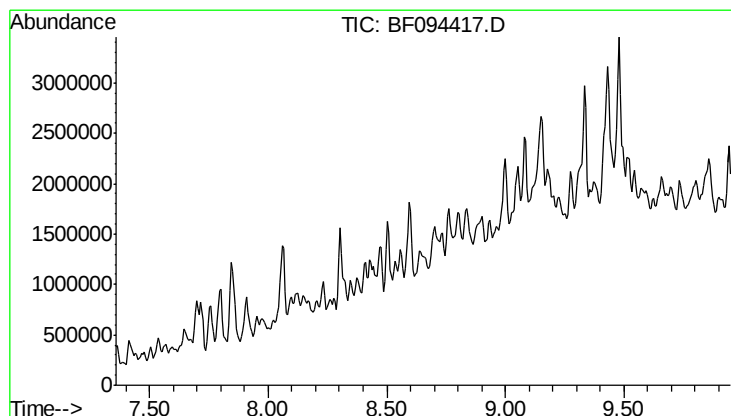
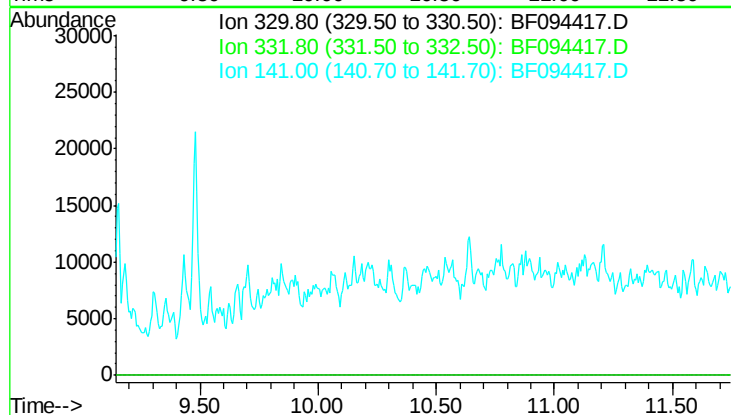
Tot Ion: 330

Sig Exp Ratio

330 100

332 95.8

141 39.3



#44

2-Fluorobiphenyl

Concen: 0.00 ng

Expected RT: 8.66 min

Lab File: BF094417.D

Acq: 14 Apr 2017 4:31

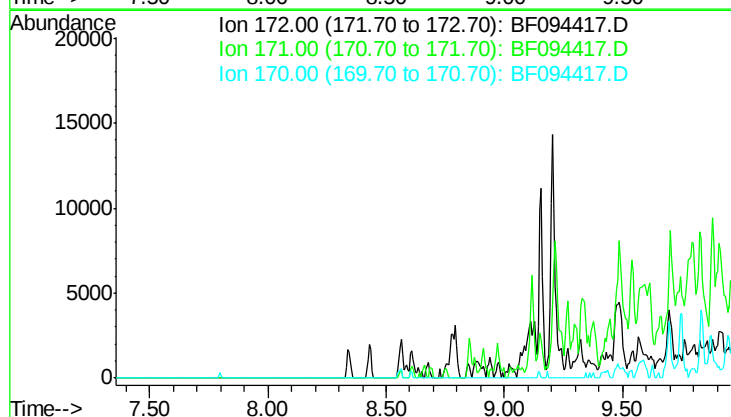
Tgt Ion: 172

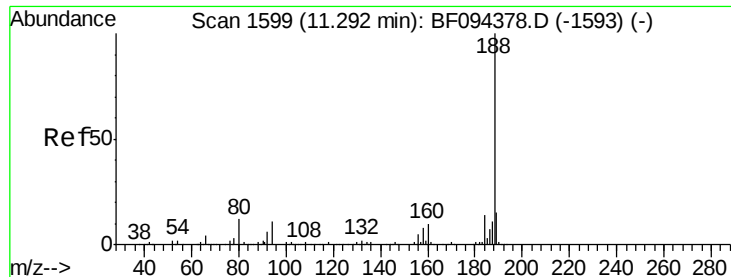
Sig Exp Ratio

172 100

171 37.0

170 24.8

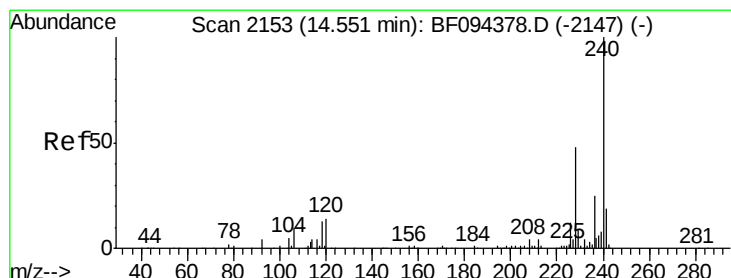
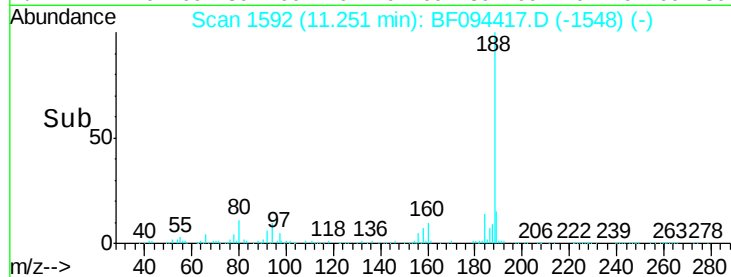
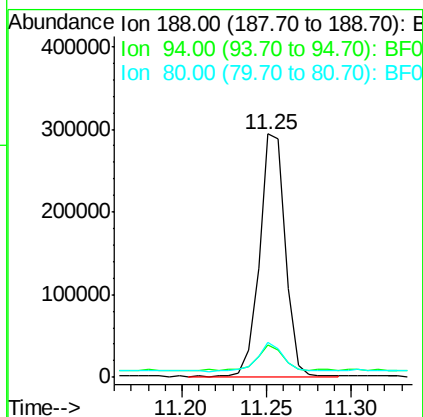
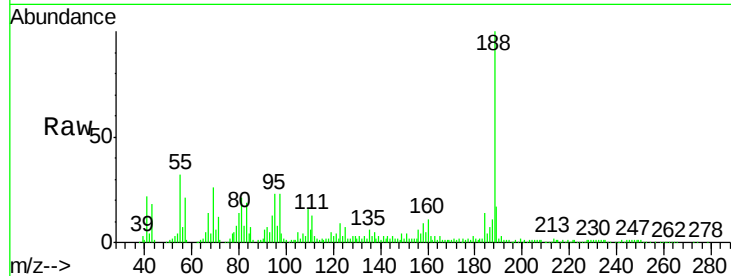




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.25 min Scan# 1592  
Delta R.T. -0.04 min  
Lab File: BF094417.D  
Acq: 14 Apr 2017 4:31

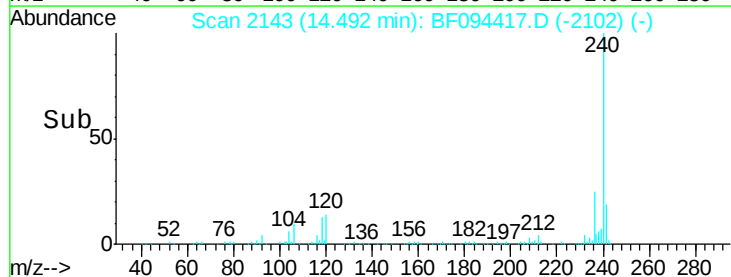
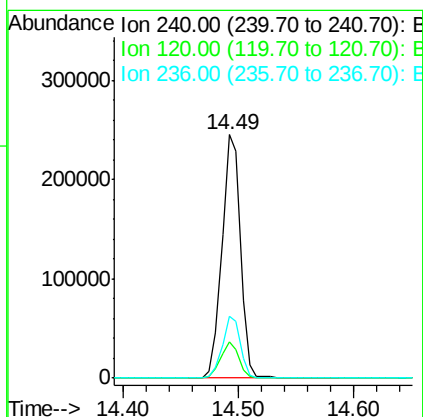
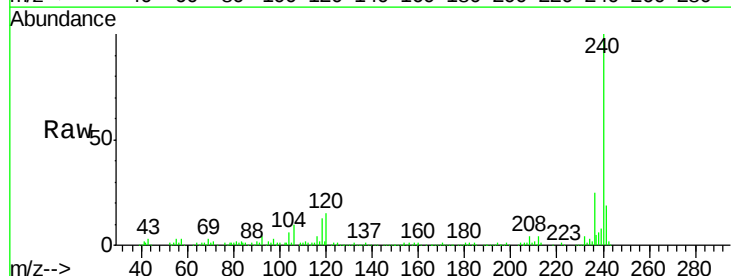
Instrument :  
BNA\_F  
ClientSampleId :  
DRUM-(1)

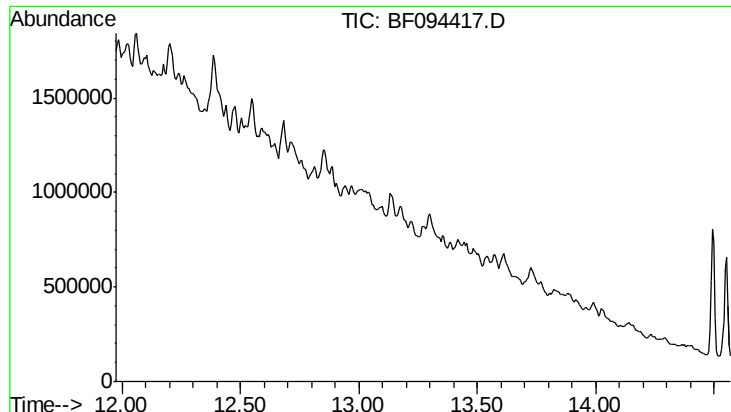
Tot Ion:188 Resp: 308161  
Ion Ratio Lower Upper  
188 100  
94 13.1 9.4 14.2  
80 14.1 10.2 15.2



#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.49 min Scan# 2143  
Delta R.T. -0.06 min  
Lab File: BF094417.D  
Acq: 14 Apr 2017 4:31

Tgt Ion:240 Resp: 272463  
Ion Ratio Lower Upper  
240 100  
120 14.7 5.8 8.8#  
236 25.3 20.5 30.7





#78

Terphenyl-d14

Concen: 0.00 ng

Expected RT: 13.27 min

Lab File: BF094417.D

Acq: 14 Apr 2017 4:31

Instrument :

BNA\_F

ClientSampleId :

DRUM-(1)

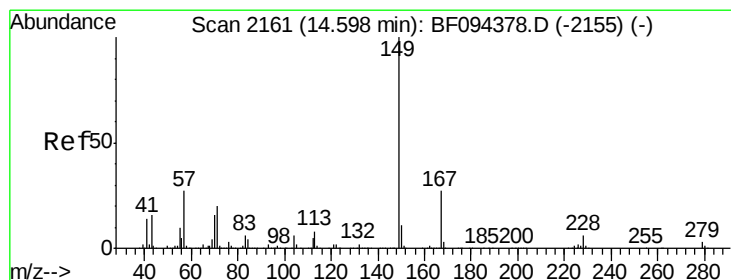
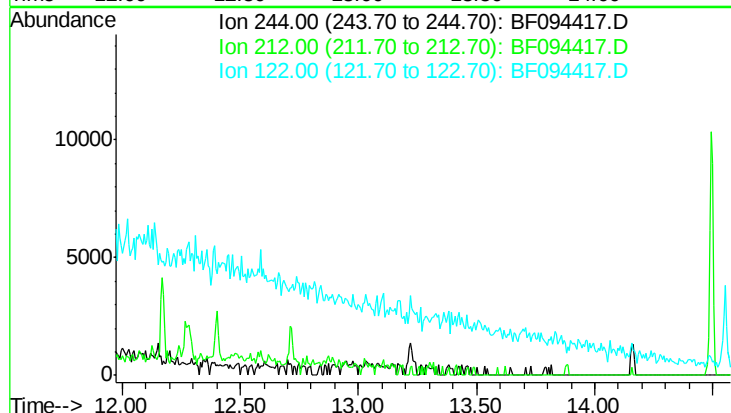
Tot Ion: 244

Sig Exp Ratio

244 100

212 7.5

122 12.9



#83

Bis(2-ethylhexyl)phthalate

Concen: 15.44 ng

RT: 14.55 min Scan# 2153

Delta R.T. -0.05 min

Lab File: BF094417.D

Acq: 14 Apr 2017 4:31

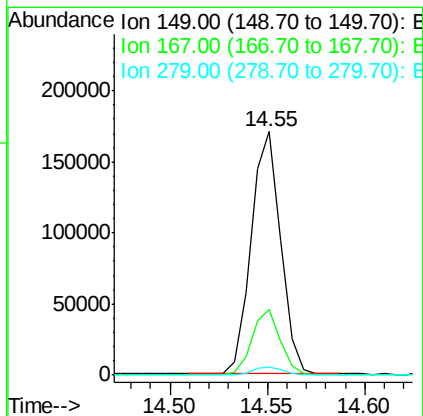
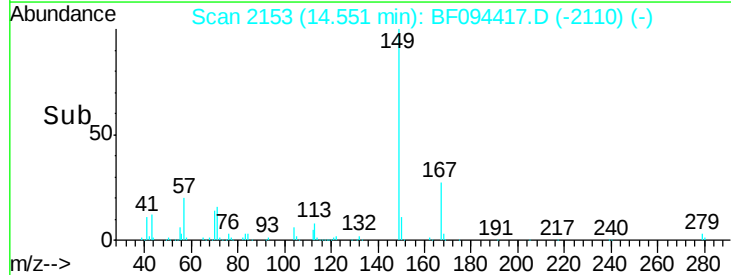
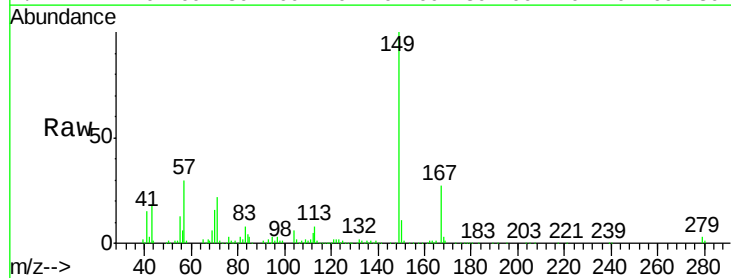
Tgt Ion:149 Resp: 177477

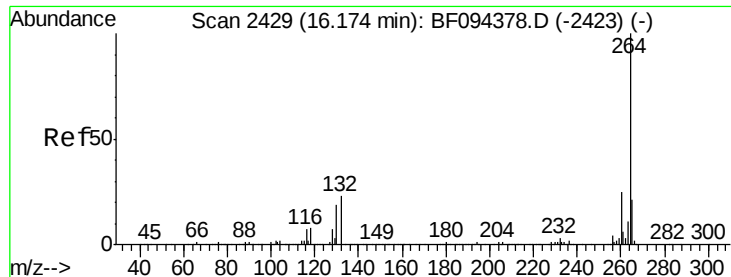
Ion Ratio Lower Upper

149 100

167 27.0 21.0 31.4

279 3.1 1.9 2.9#





#86  
 Pervlene-d12  
 Concen: 20.00 ng  
 RT: 16.12 min Scan# 2419  
 Delta R.T. -0.06 min  
 Lab File: BF094417.D  
 Acq: 14 Apr 2017 4:31

Instrument :  
 BNA\_F  
 ClientSampleId :  
 DRUM-(1)

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.0  | 19.5  | 29.3  |
| 265     | 21.2  | 17.2  | 25.8  |

