

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040717\  
 Data File : BF094280.D  
 Acq On : 7 Apr 2017 18:39  
 Operator : SJ/MA  
 Sample : I2561-07  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CLEARWELL

Quant Time: Apr 07 23:13:16 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 06 13:20:29 2017  
 Response via : Initial Calibration

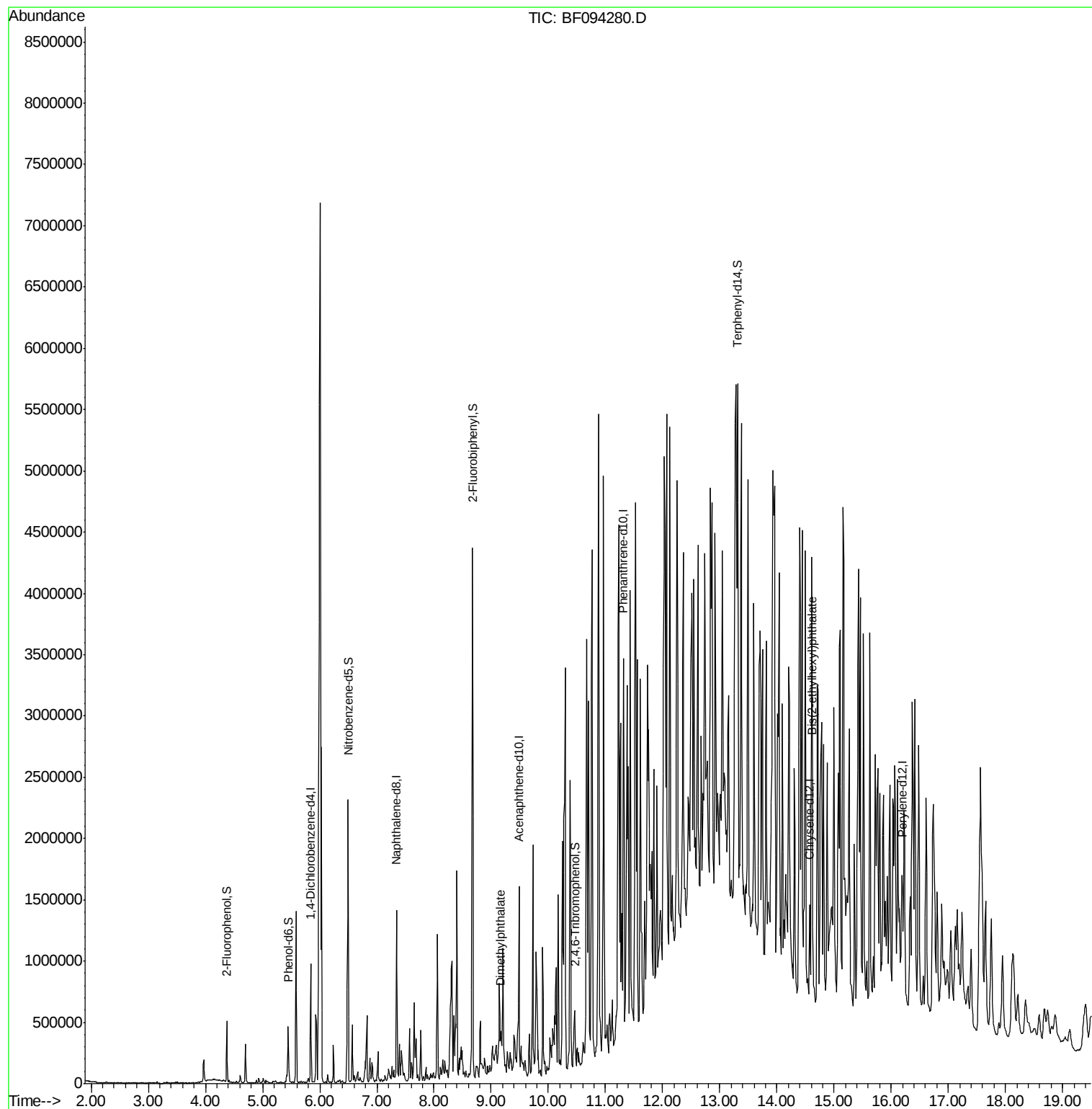
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 5.85  | 152  | 164684   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8             | 7.35  | 136  | 641015   | 20.00 | ng    | -0.02    |
| 38) Acenaphthene-d10           | 9.49  | 164  | 273913   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10           | 11.31 | 188  | 397478   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12               | 14.57 | 240  | 304957   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12               | 16.20 | 264  | 260983   | 20.00 | ng    | 0.01     |
| System Monitoring Compounds    |       |      |          |       |       |          |
| 5) 2-Fluorophenol              | 4.37  | 112  | 152381   | 15.63 | ng    | -0.01    |
| 7) Phenol-d6                   | 5.45  | 99   | 151497   | 12.56 | ng    | -0.02    |
| 23) Nitrobenzene-d5            | 6.50  | 82   | 891553   | 79.37 | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol       | 10.46 | 330  | 48826    | 22.56 | ng    | -0.01    |
| 44) 2-Fluorobiphenyl           | 8.67  | 172  | 1567199  | 87.27 | ng    | -0.01    |
| 78) Terphenyl-d14              | 13.30 | 244  | 847374   | 62.28 | ng    | 0.00     |
| Target Compounds               |       |      |          |       |       |          |
| 49) Dimethylphthalate          | 9.17  | 163  | 54886    | 2.82  | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 14.63 | 149  | 55042    | 4.28  | ng    | # 94     |

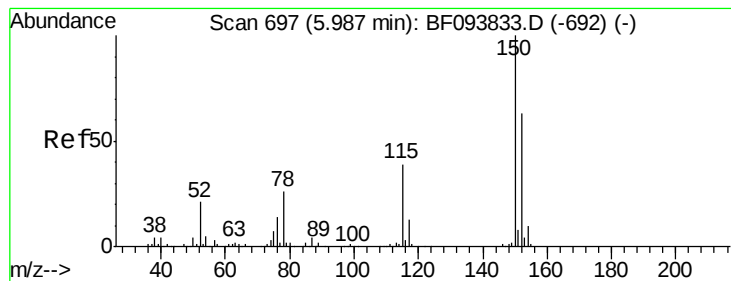
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.85 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF094280.D

Acq: 7 Apr 2017 18:39

Instrument :

BNA\_F

ClientSampleId :

CLEARWELL

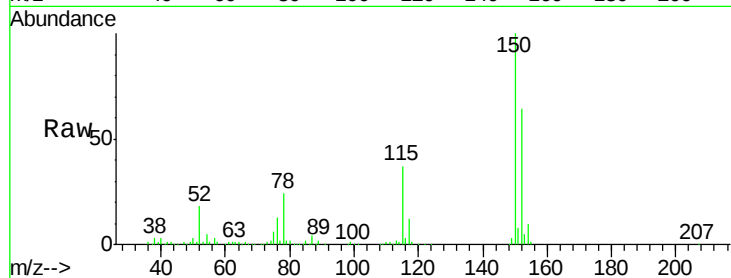
Tot Ion:152 Resp: 164684

Ion Ratio Lower Upper

152 100

150 156.9 126.2 189.2

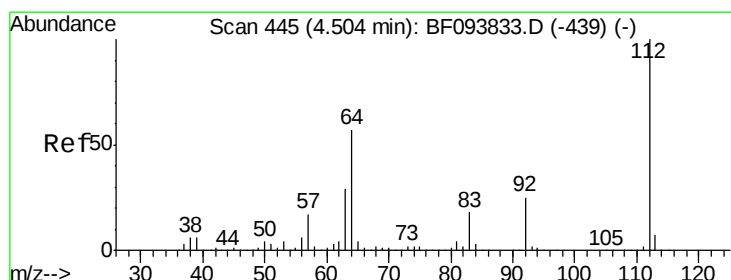
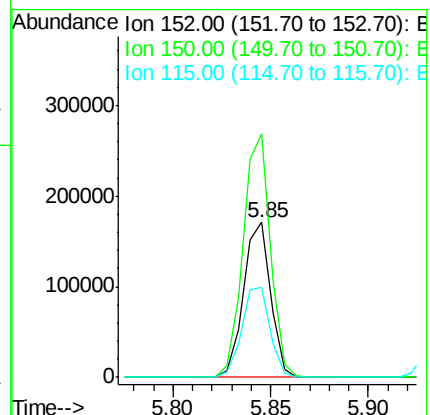
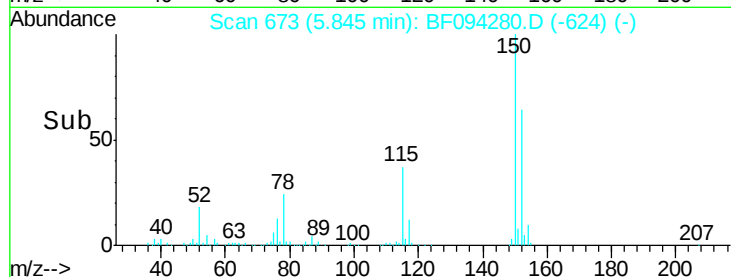
115 58.3 52.2 78.2



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: 15.63 ng

RT: 4.37 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF094280.D

Acq: 7 Apr 2017 18:39

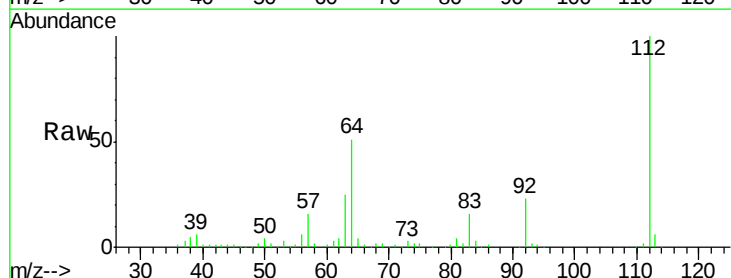
Tgt Ion:112 Resp: 152381

Ion Ratio Lower Upper

112 100

64 51.2 46.0 69.0

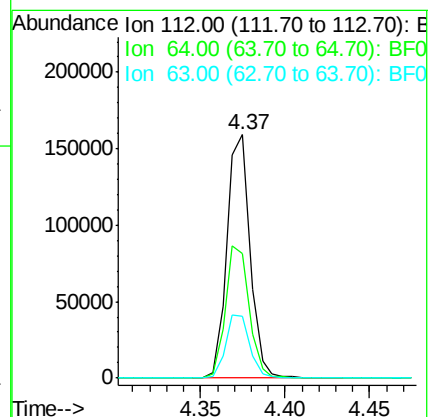
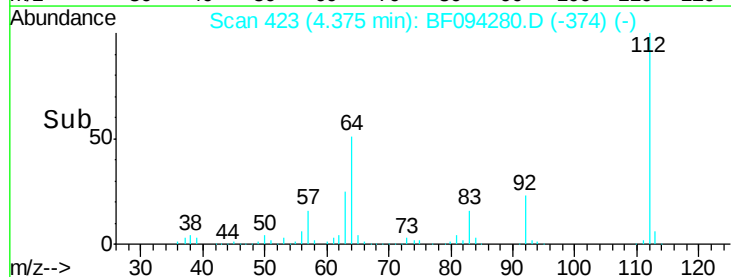
63 25.3 23.4 35.0

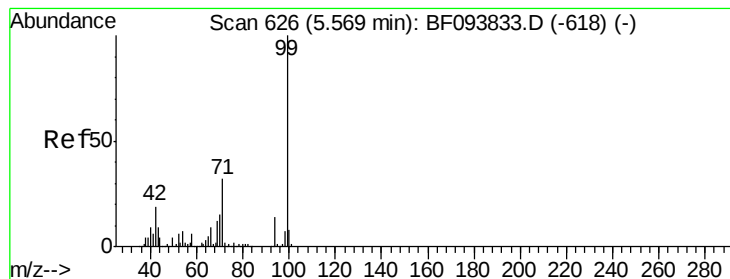


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 12.56 ng

RT: 5.45 min Scan# 605

Delta R.T. -0.02 min

Lab File: BF094280.D

Acq: 7 Apr 2017 18:39

Instrument :

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ClientSampleId :

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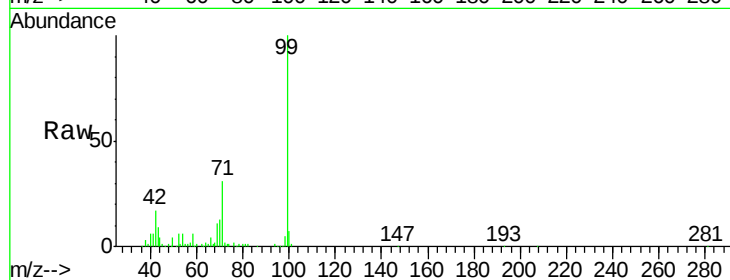
Tot Ion: 99 Resp: 151497

Ion Ratio Lower Upper

99 100

42 16.8 13.5 20.3

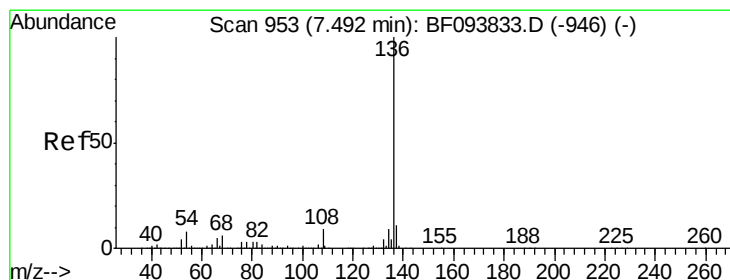
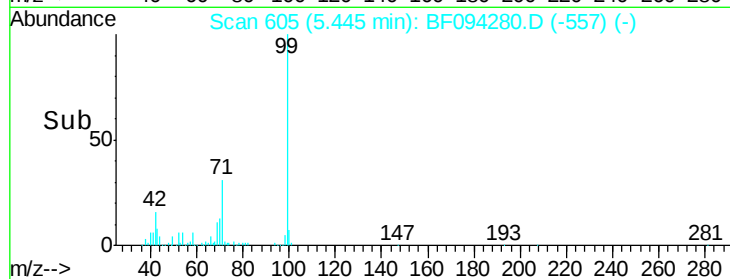
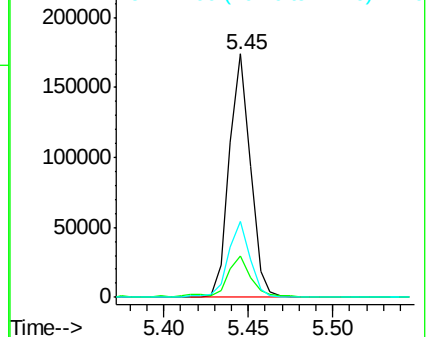
71 31.3 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.35 min Scan# 928

Delta R.T. -0.02 min

Lab File: BF094280.D

Acq: 7 Apr 2017 18:39

Tgt Ion: 136 Resp: 641015

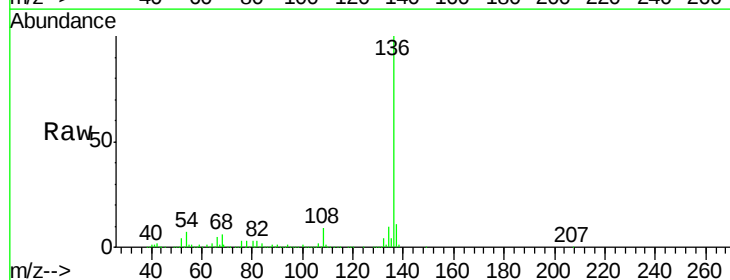
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.2 4.9 7.3

68 5.6 4.1 6.1

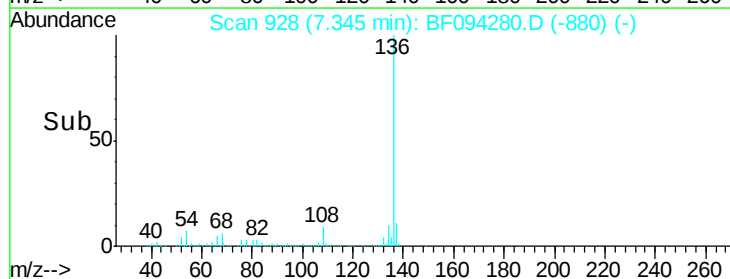
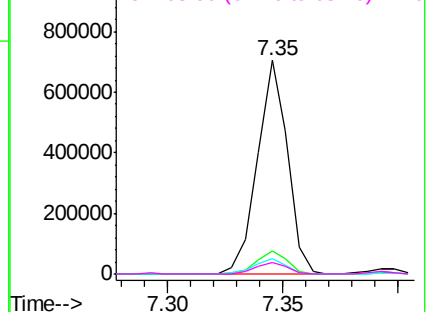


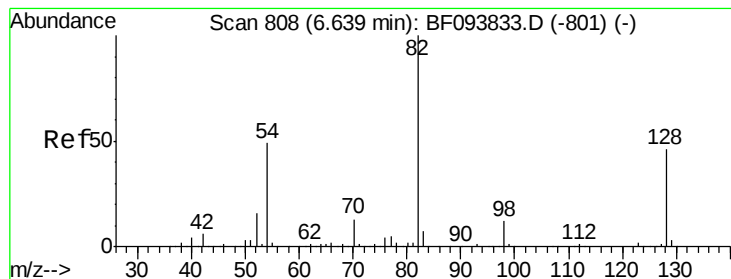
Abundance Ion 136.00 (135.70 to 136.70): E

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





#23

Nitrobenzene-d5

Concen: 79.37 ng

RT: 6.50 min Scan# 784

Delta R.T. -0.01 min

Lab File: BF094280.D

Acq: 7 Apr 2017 18:39

Instrument :

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ClientSampleId :

CLEARWELL

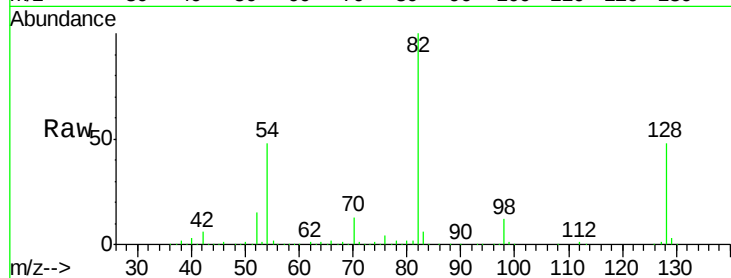
Tot Ion: 82 Resp: 891553

Ion Ratio Lower Upper

82 100

128 47.9 34.0 51.0

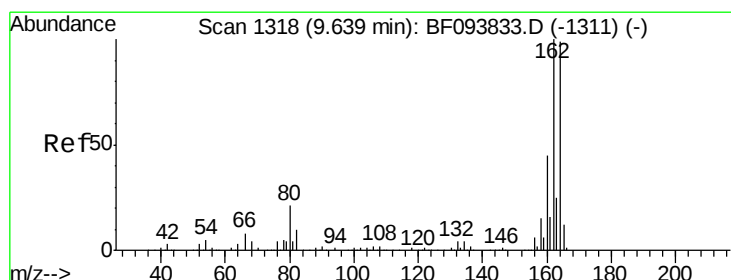
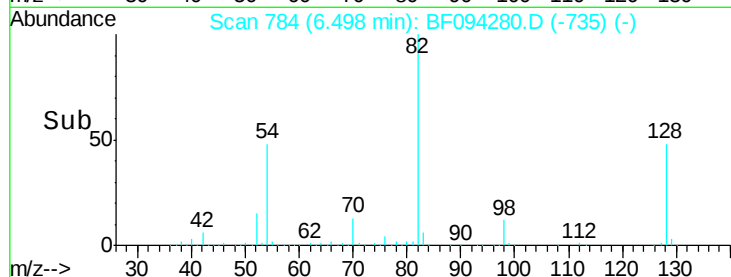
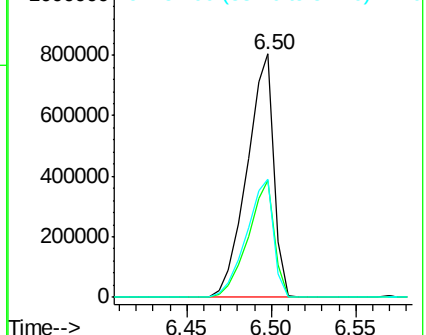
54 48.4 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.49 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF094280.D

Acq: 7 Apr 2017 18:39

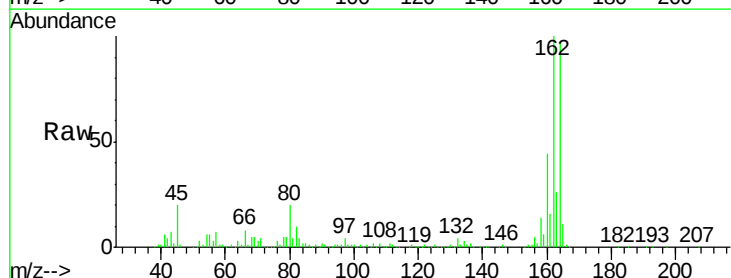
Tgt Ion:164 Resp: 273913

Ion Ratio Lower Upper

164 100

162 102.7 82.6 123.8

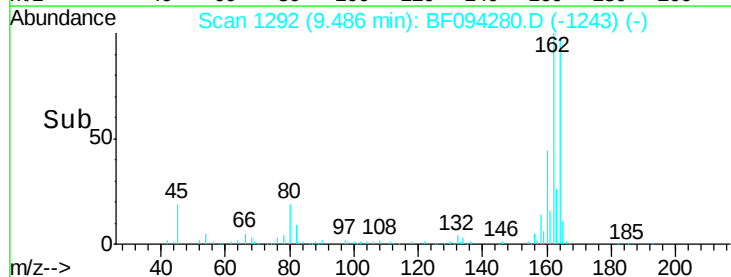
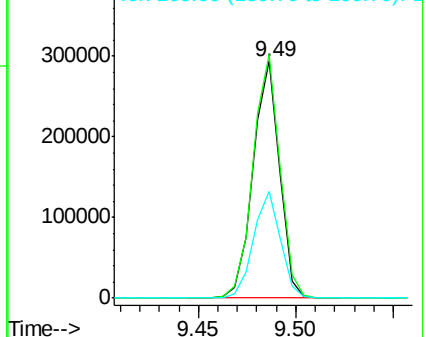
160 45.1 36.2 54.2

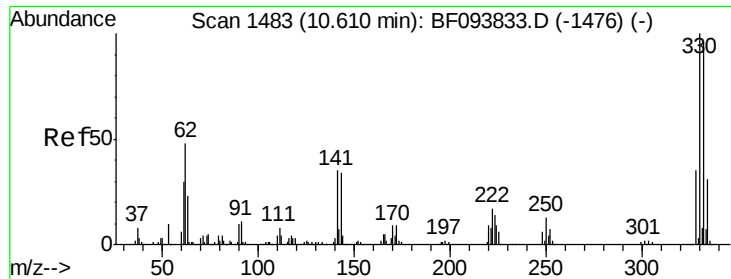


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 22.56 ng

RT: 10.46 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF094280.D

Acq: 7 Apr 2017 18:39

Instrument :

BNA\_F

ClientSampleId :

CLEARWELL

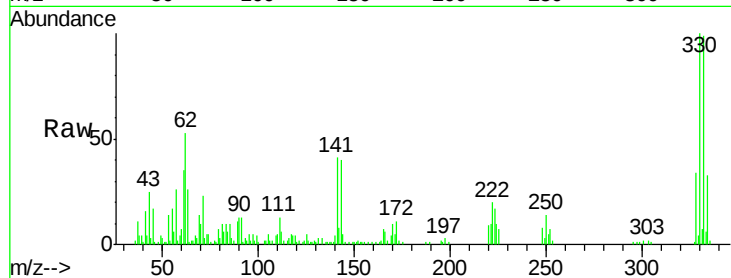
Tot Ion:330 Resp: 48826

Ion Ratio Lower Upper

330 100

332 98.2 76.6 115.0

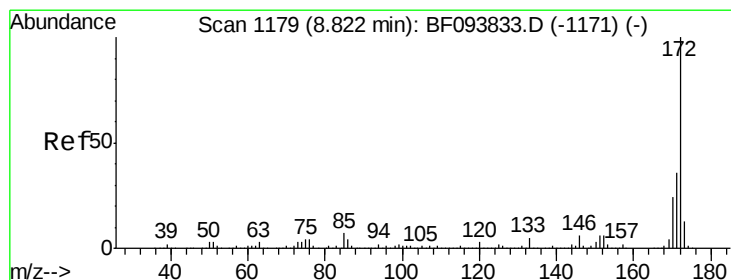
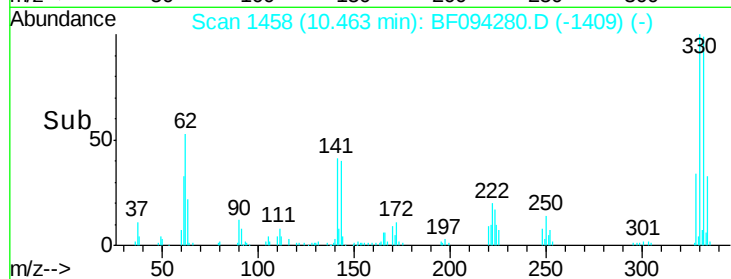
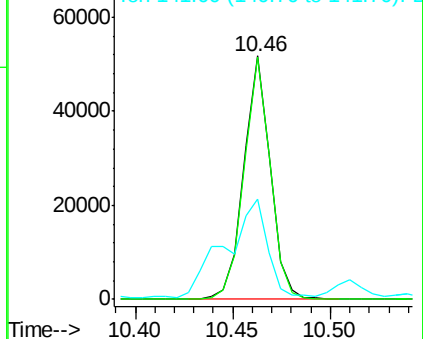
141 65.3 31.4 47.2#



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: 87.27 ng

RT: 8.67 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BF094280.D

Acq: 7 Apr 2017 18:39

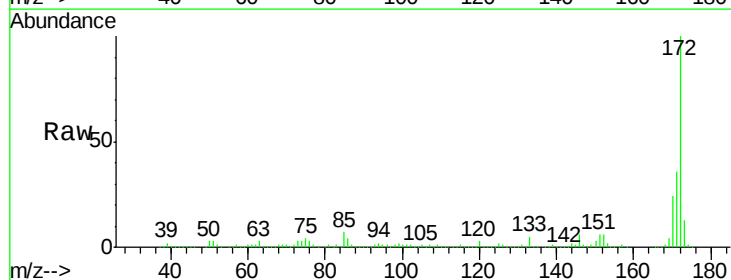
Tgt Ion:172 Resp: 1567199

Ion Ratio Lower Upper

172 100

171 36.2 29.6 44.4

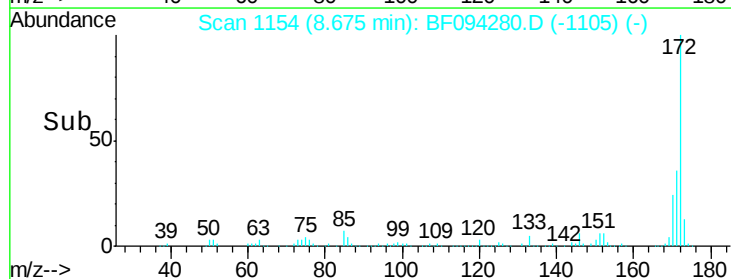
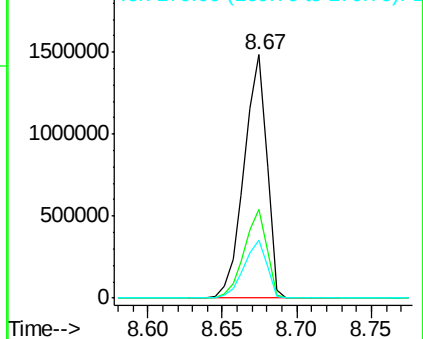
170 24.1 19.8 29.8

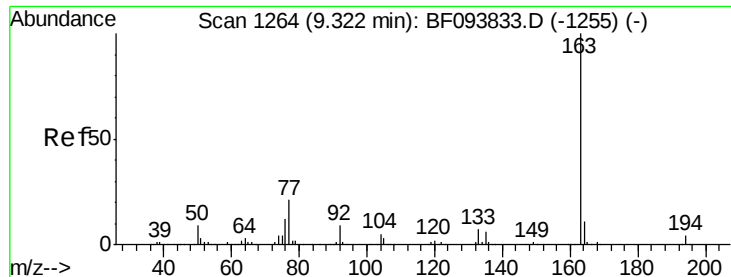


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

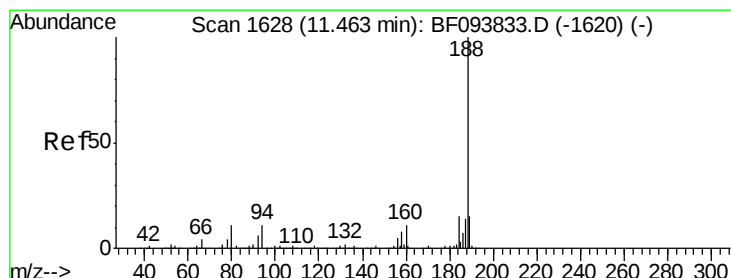
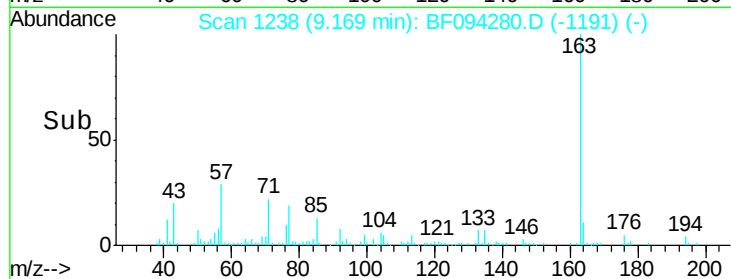
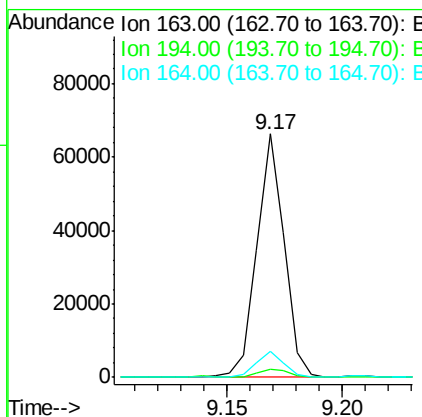
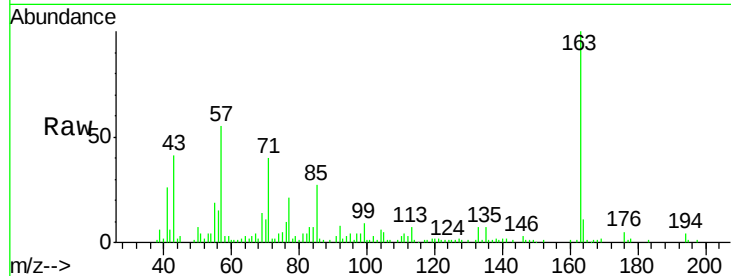




#49  
Dimethylphthalate  
Concen: 2.82 ng  
RT: 9.17 min Scan# 1238  
Delta R.T. -0.02 min  
Lab File: BF094280.D  
Acq: 7 Apr 2017 18:39

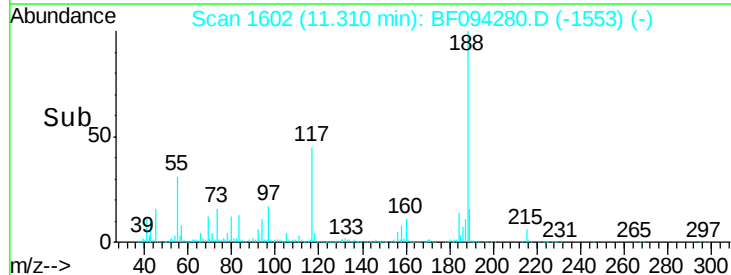
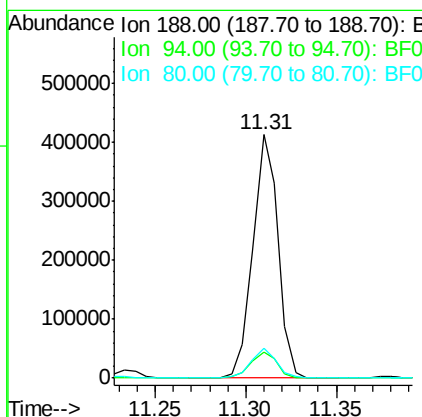
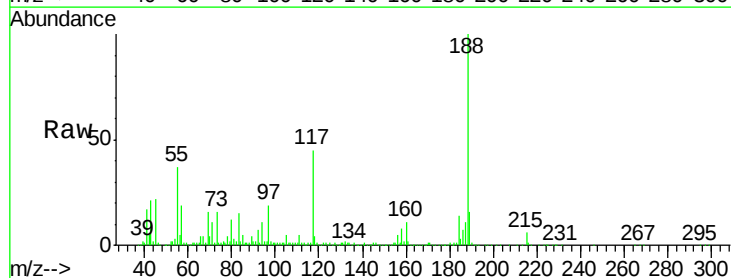
Instrument :  
BNA\_F  
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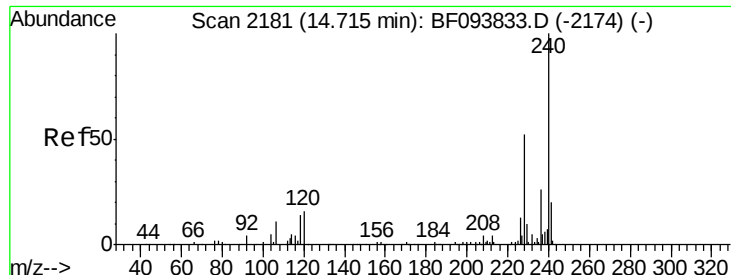
Tot Ion:163 Resp: 54886  
Ion Ratio Lower Upper  
163 100  
194 3.6 2.6 4.0  
164 10.7 8.4 12.6



#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.31 min Scan# 1602  
Delta R.T. -0.01 min  
Lab File: BF094280.D  
Acq: 7 Apr 2017 18:39

Tgt Ion:188 Resp: 397478  
Ion Ratio Lower Upper  
188 100  
94 10.8 9.4 14.2  
80 12.1 10.2 15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.57 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BF094280.D

Acq: 7 Apr 2017 18:39

Instrument :

BNA\_F

ClientSampleId :

CLEARWELL

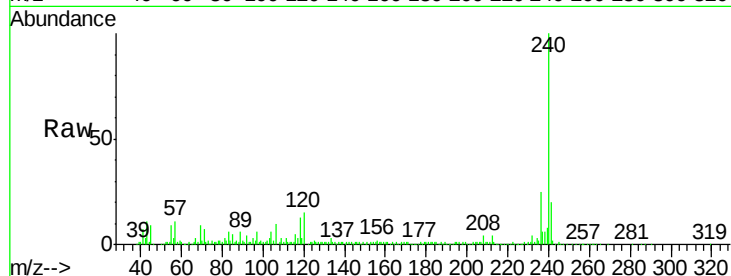
Tot Ion:240 Resp: 304957

Ion Ratio Lower Upper

240 100

120 15.0 5.8 8.8#

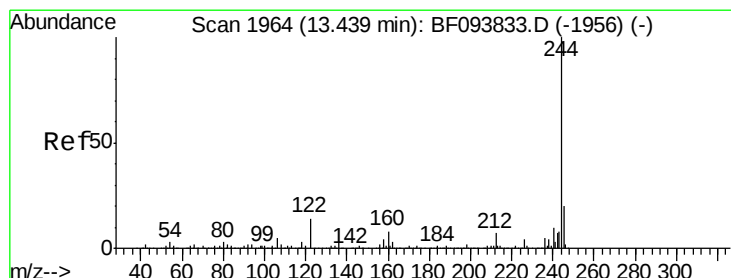
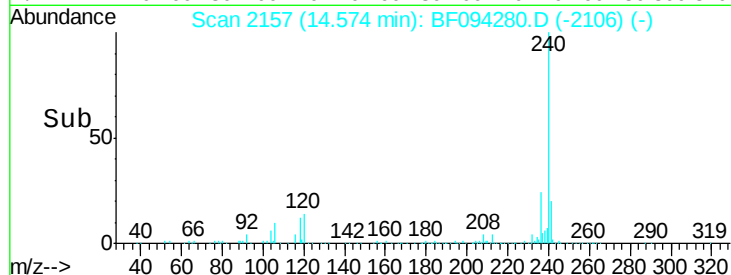
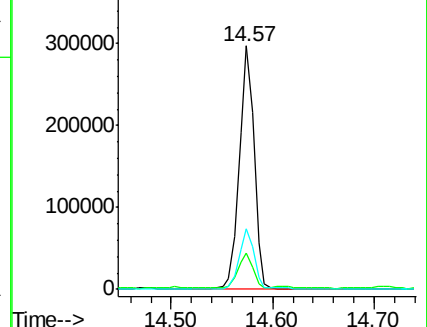
236 24.8 20.5 30.7



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: 62.28 ng

RT: 13.30 min Scan# 1941

Delta R.T. 0.01 min

Lab File: BF094280.D

Acq: 7 Apr 2017 18:39

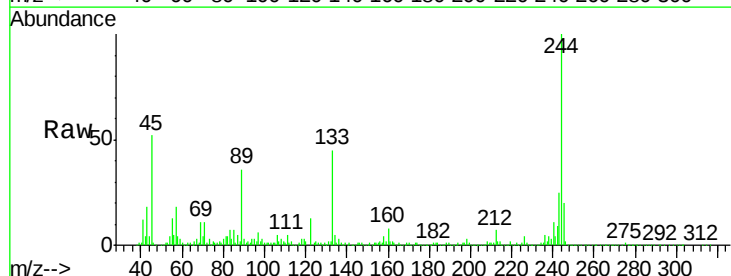
Tgt Ion:244 Resp: 847374

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

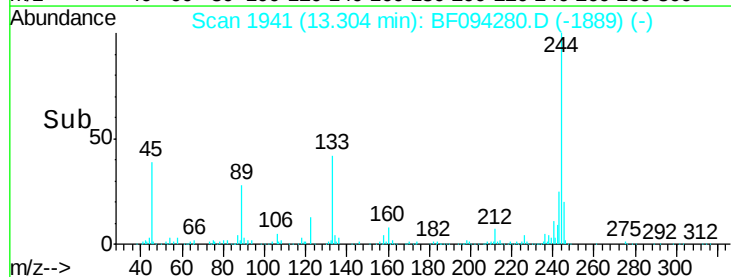
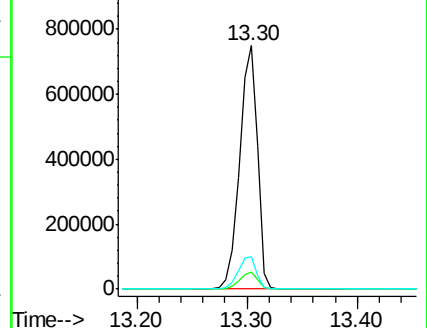
122 13.5 10.3 15.5

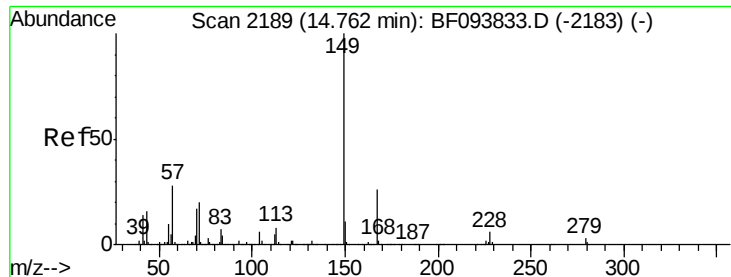


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

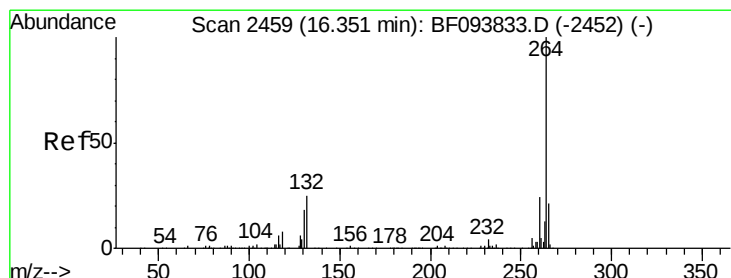
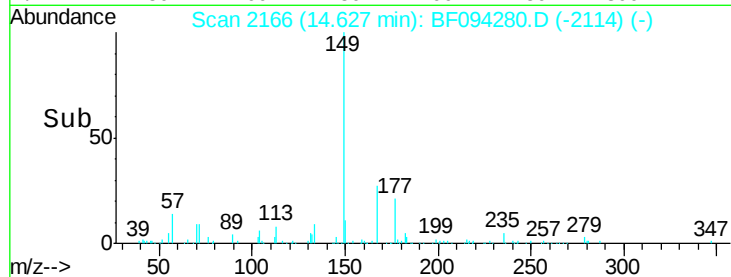
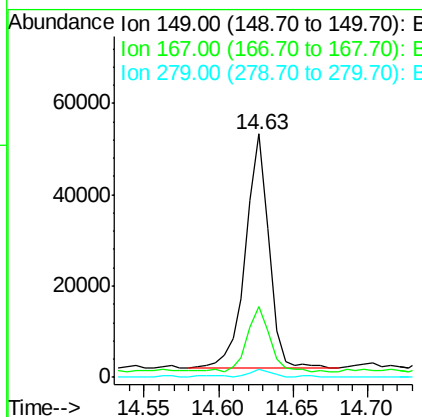
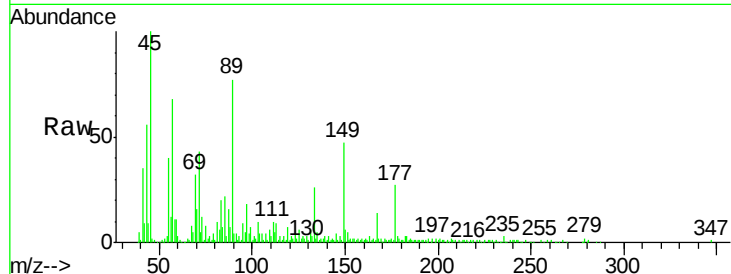




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 4.28 ng  
 RT: 14.63 min Scan# 2166  
 Delta R.T. 0.01 min  
 Lab File: BF094280.D  
 Acq: 7 Apr 2017 18:39

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CLEARWELL

Tot Ion:149 Resp: 55042  
 Ion Ratio Lower Upper  
 149 100  
 167 29.3 21.0 31.4  
 279 3.2 1.9 2.9#



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 16.20 min Scan# 2434  
 Delta R.T. 0.01 min  
 Lab File: BF094280.D  
 Acq: 7 Apr 2017 18:39

Tgt Ion:264 Resp: 260983  
 Ion Ratio Lower Upper  
 264 100  
 260 22.7 19.5 29.3  
 265 21.7 17.2 25.8

