

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF101918\  
 Data File : BF110032.D  
 Acq On : 20 Oct 2018 5:35  
 Operator : JU/SJ  
 Sample : J5593-17  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 101718-JETT-E-U-S

Quant Time: Oct 20 07:06:32 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF101518.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Oct 20 01:53:35 2018  
 Response via : Initial Calibration

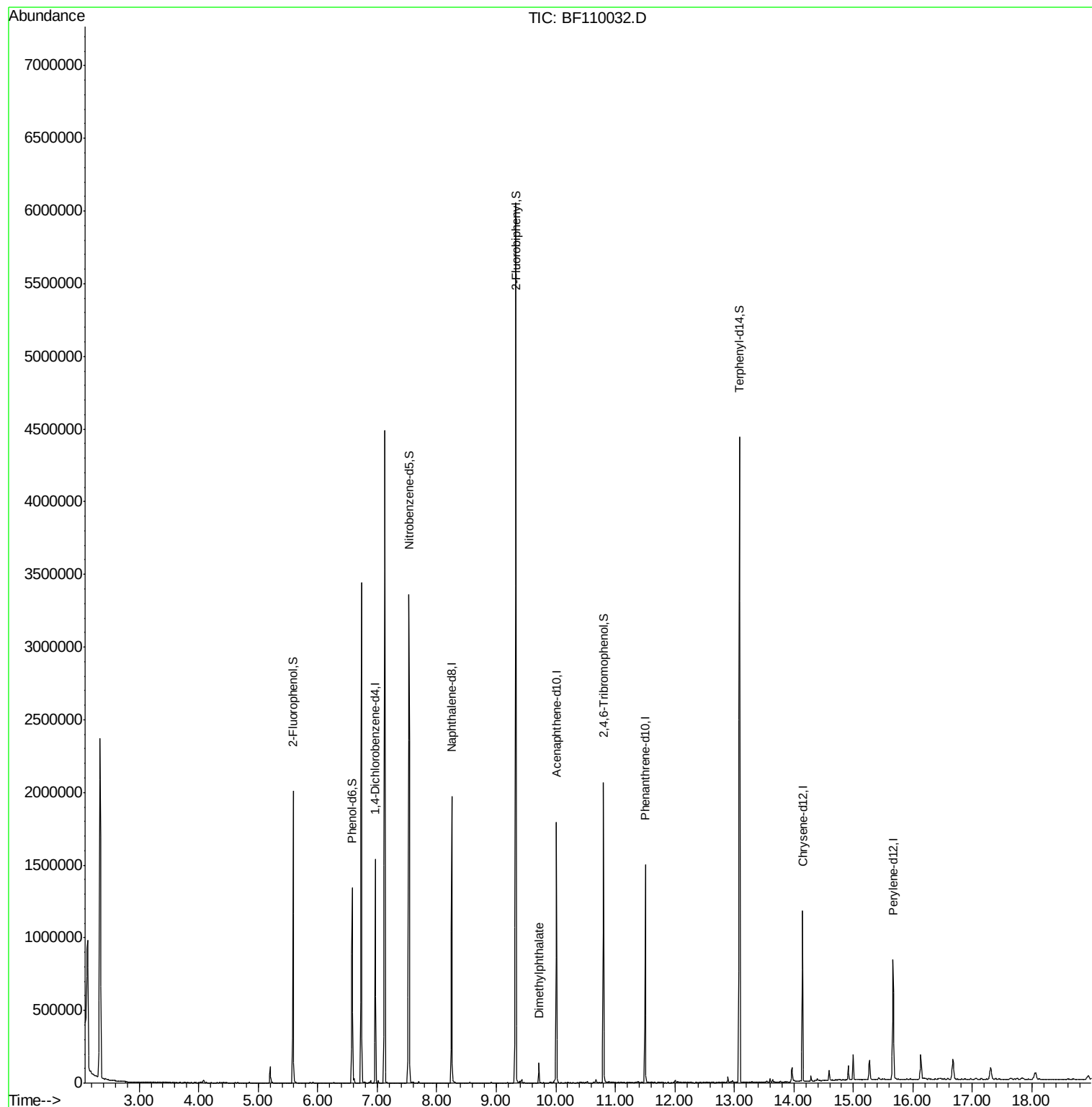
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)       |
|-----------------------------|-------|------|----------|--------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.97  | 152  | 215022   | 20.00  | ng    | 0.00           |
| 21) Naphthalene-d8          | 8.25  | 136  | 807106   | 20.00  | ng    | 0.00           |
| 39) Acenaphthene-d10        | 10.01 | 164  | 344233   | 20.00  | ng    | 0.00           |
| 64) Phenanthrene-d10        | 11.50 | 188  | 534256   | 20.00  | ng    | 0.00           |
| 76) Chrysene-d12            | 14.14 | 240  | 364829   | 20.00  | ng    | 0.00           |
| 87) Perylene-d12            | 15.67 | 264  | 312043   | 20.00  | ng    | 0.00           |
| System Monitoring Compounds |       |      |          |        |       |                |
| 5) 2-Fluorophenol           | 5.59  | 112  | 497112   | 36.65  | ng    | 0.00           |
| 7) Phenol-d6                | 6.58  | 99   | 378149   | 22.45  | ng    | -0.01          |
| 23) Nitrobenzene-d5         | 7.53  | 82   | 1237537  | 103.29 | ng    | 0.00           |
| 42) 2,4,6-Tribromophenol    | 10.80 | 330  | 240786   | 80.79  | ng    | 0.00           |
| 45) 2-Fluorobiphenyl        | 9.33  | 172  | 1897086  | 87.94  | ng    | 0.00           |
| 79) Terphenyl-d14           | 13.09 | 244  | 1462810  | 84.20  | ng    | 0.00           |
| Target Compounds            |       |      |          |        |       |                |
| 50) Dimethylphthalate       | 9.72  | 163  | 48968    | 2.009  | ng    | Qvalue<br># 97 |

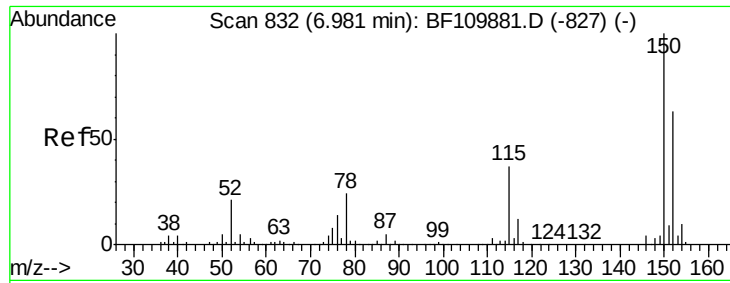
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF101918\  
Data File : BF110032.D  
Acq On : 20 Oct 2018 5:35  
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Sample : J5593-17  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
101718-JETT-E-U-S

Quant Time: Oct 20 07:06:32 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF101518.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Oct 20 01:53:35 2018  
Response via : Initial Calibration



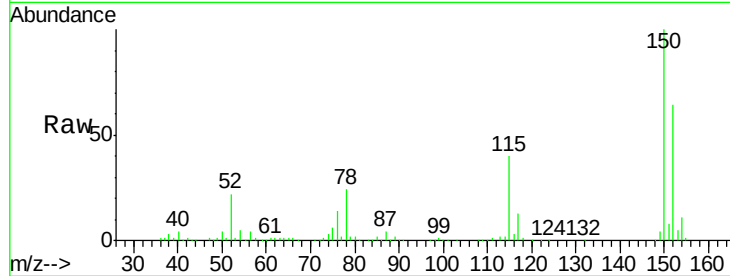


#1

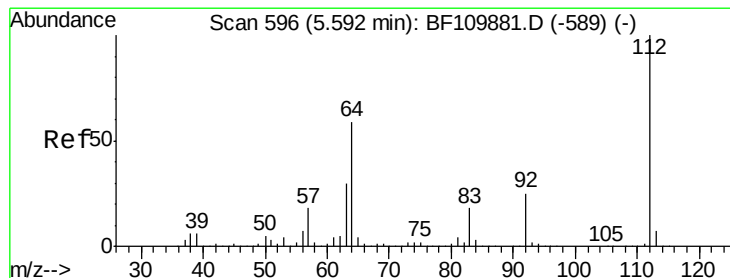
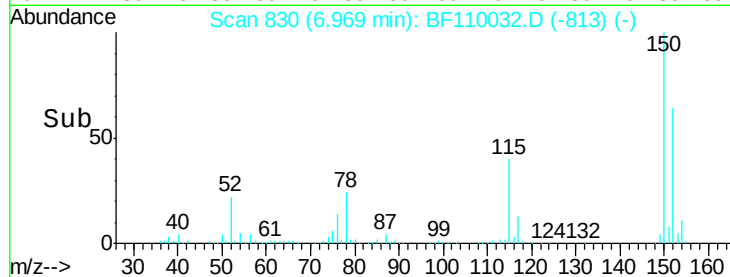
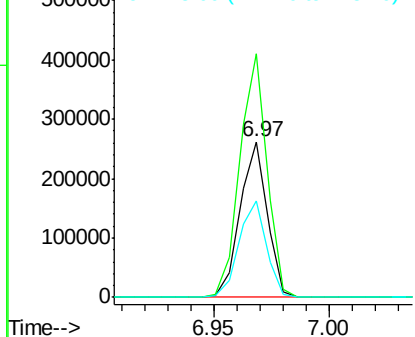
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.97 min Scan# 830  
Delta R.T. -0.00 min  
Lab File: BF110032.D  
Acq: 20 Oct 2018 5:35

Instrument :  
BNA\_F  
ClientSampleId :  
101718-JETT-E-U-S

Tgt Ion:152 Resp: 215022  
Ion Ratio Lower Upper  
152 100  
150 156.3 122.7 184.1  
115 62.2 49.1 73.7



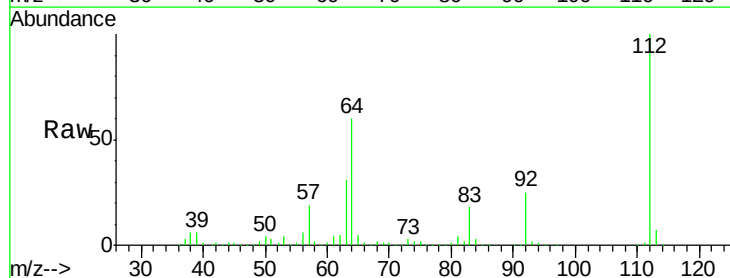
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



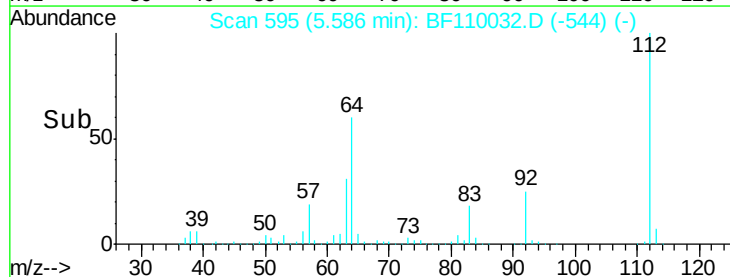
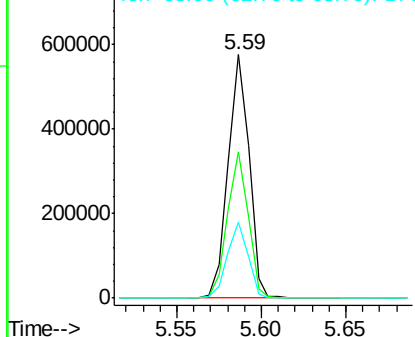
#5

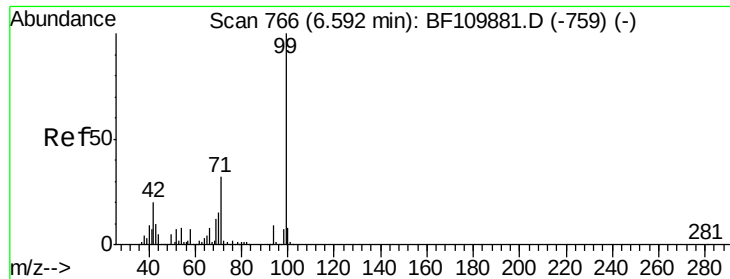
2-Fluorophenol  
Concen: 36.647 ng  
RT: 5.59 min Scan# 595  
Delta R.T. -0.00 min  
Lab File: BF110032.D  
Acq: 20 Oct 2018 5:35

Tgt Ion:112 Resp: 497112  
Ion Ratio Lower Upper  
112 100  
64 60.3 44.1 66.1  
63 31.1 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: 22.450 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110032.D

Acq: 20 Oct 2018 5:35

Instrument :

BNA\_F

ClientSampleId :

101718-JETT-E-U-S

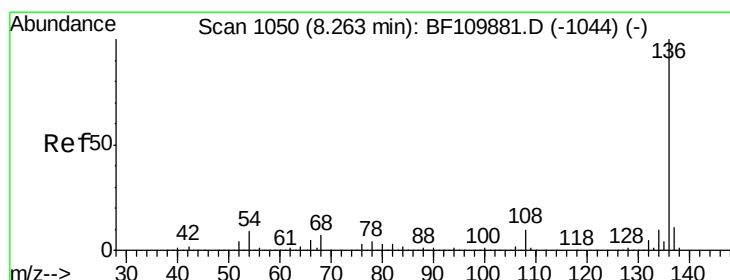
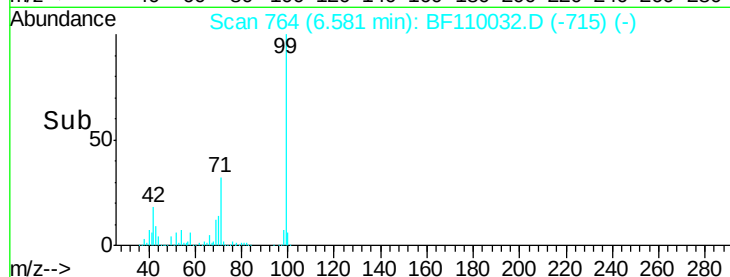
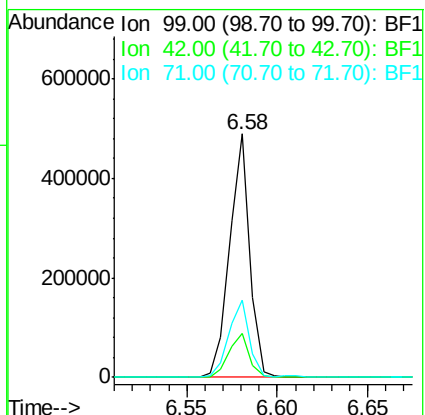
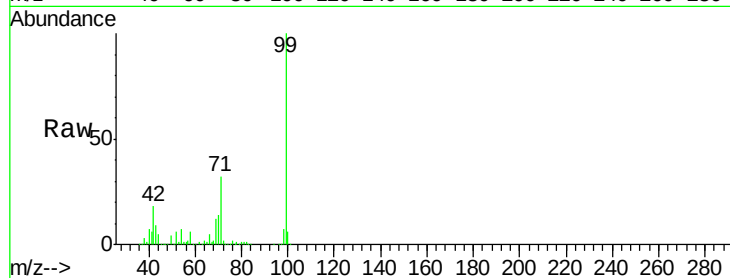
Tgt Ion: 99 Resp: 378149

Ion Ratio Lower Upper

99 100

42 18.1 15.8 23.6

71 31.9 28.0 42.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BF110032.D

Acq: 20 Oct 2018 5:35

Tgt Ion: 136 Resp: 807106

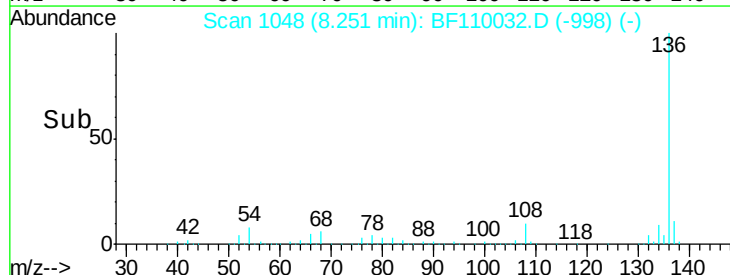
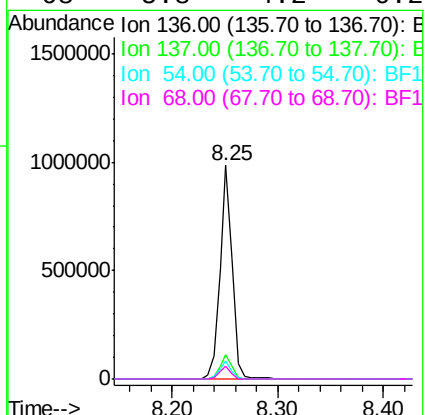
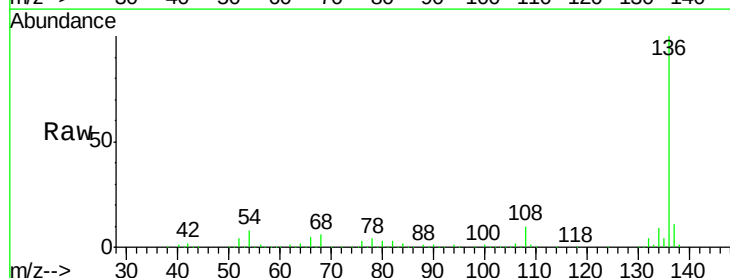
Ion Ratio Lower Upper

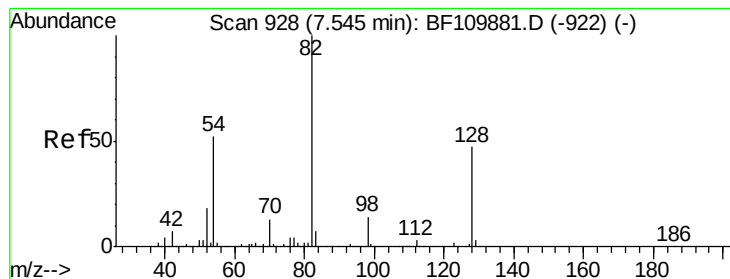
136 100

137 11.3 8.8 13.2

54 8.2 5.4 8.2#

68 5.8 4.2 6.2





#23

Nitrobenzene-d5

Concen: 103.289 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF110032.D

Acq: 20 Oct 2018 5:35

Instrument :

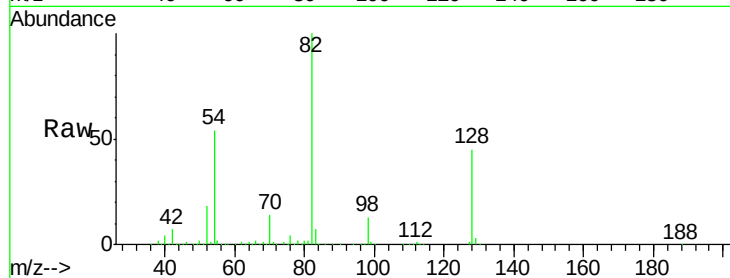
BNA\_F

ClientSampleId :

101718-JETT-E-U-S

Tgt Ion: 82 Resp: 1237537

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 45.4  | 34.2  | 51.2  |
| 54  | 53.6  | 38.6  | 58.0  |

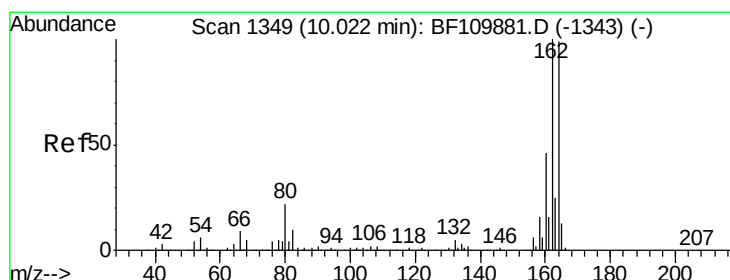
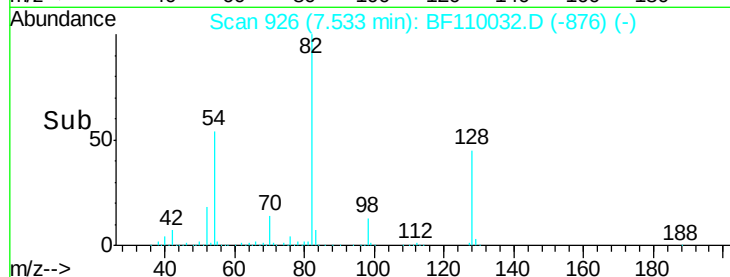
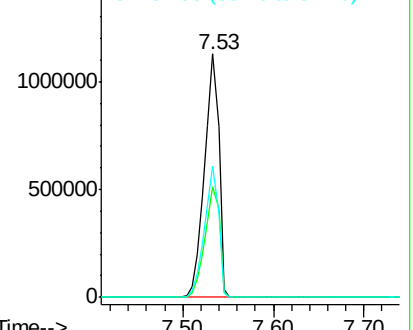


Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1347

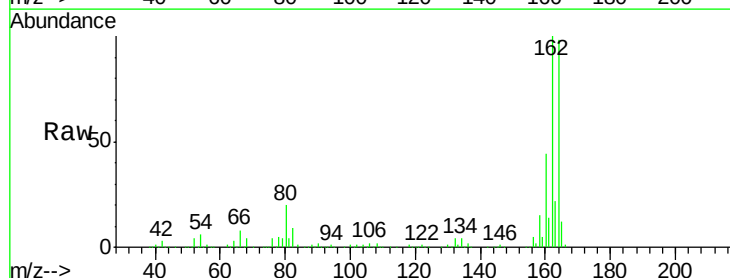
Delta R.T. -0.01 min

Lab File: BF110032.D

Acq: 20 Oct 2018 5:35

Tgt Ion: 164 Resp: 344233

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 102.2 | 83.0  | 124.6 |
| 160 | 45.3  | 37.0  | 55.6  |

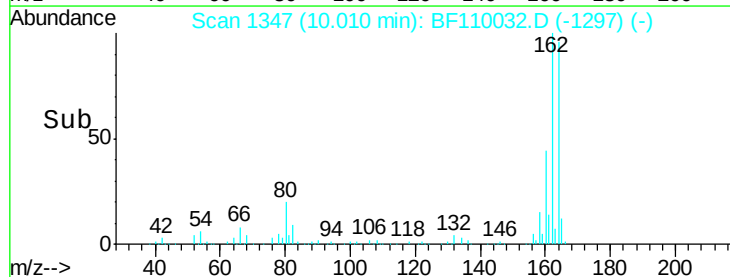
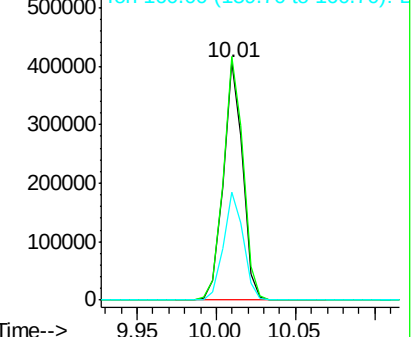


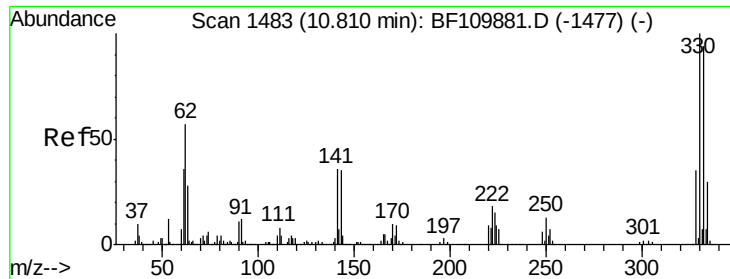
Abundance

Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

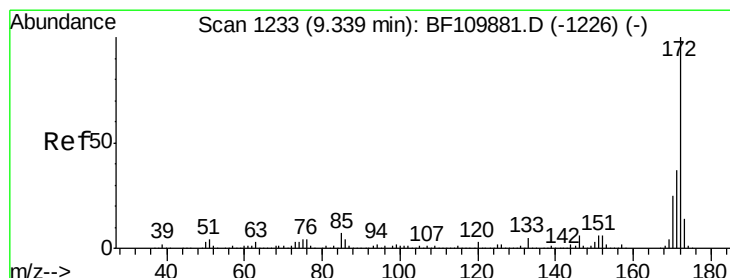
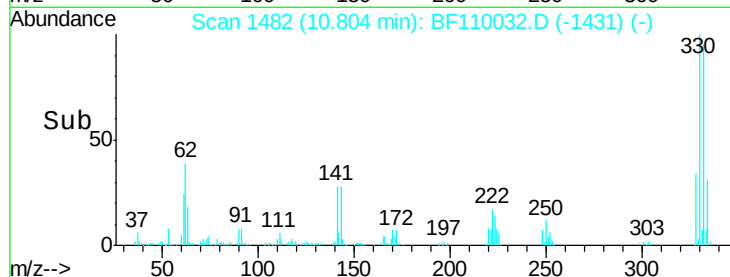
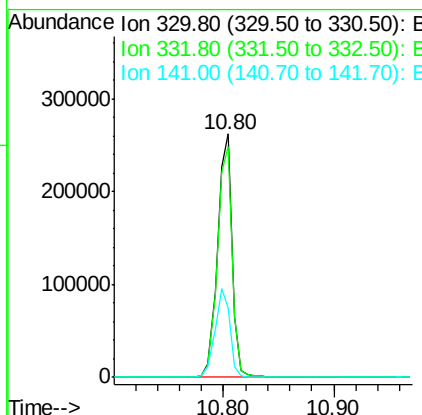
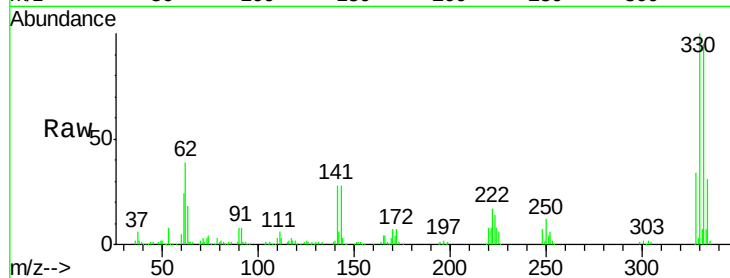




#42  
 2,4,6-Tribromophenol  
 Concen: 80.793 ng  
 RT: 10.80 min Scan# 1482  
 Delta R.T. -0.00 min  
 Lab File: BF110032.D  
 Acq: 20 Oct 2018 5:35

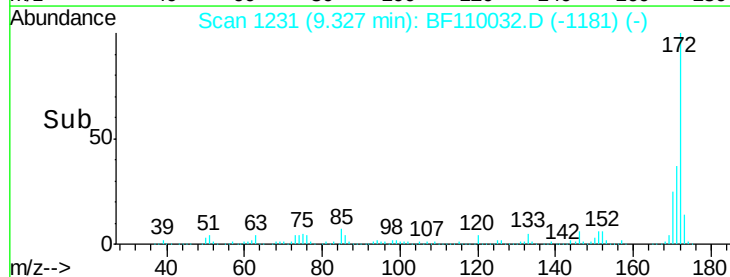
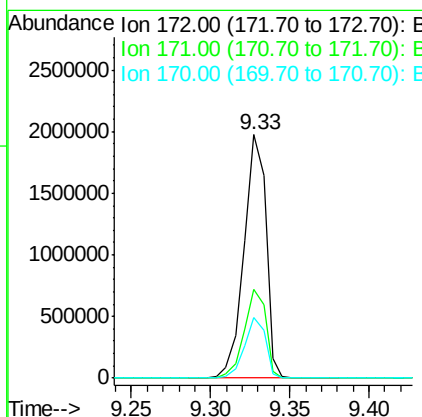
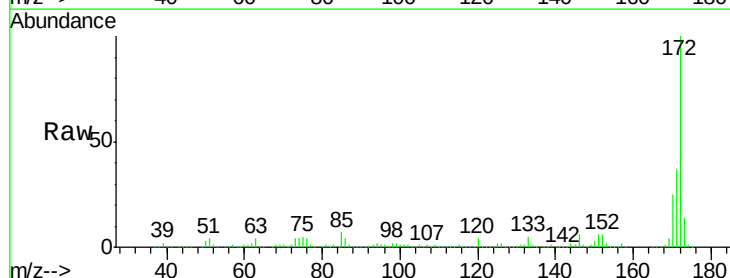
Instrument :  
 BNA\_F  
 ClientSampleId :  
 101718-JETT-E-U-S

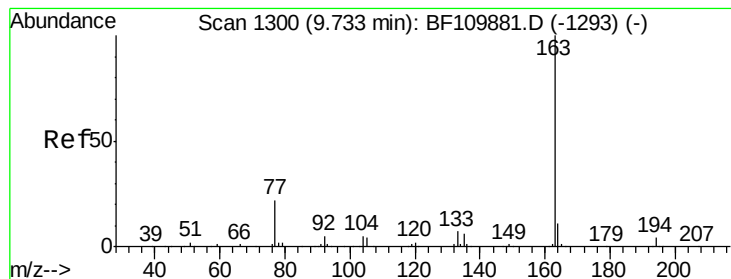
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.4  | 77.1  | 115.7 |
| 141     | 36.7  | 27.0  | 40.4  |



#45  
 2-Fluorobiphenyl  
 Concen: 87.937 ng  
 RT: 9.33 min Scan# 1231  
 Delta R.T. -0.01 min  
 Lab File: BF110032.D  
 Acq: 20 Oct 2018 5:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.7  | 28.6  | 43.0  |
| 170     | 24.8  | 19.7  | 29.5  |





#50

Dimethylphthalate

Concen: 2.009 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF110032.D

Acq: 20 Oct 2018 5:35

Instrument :

BNA\_F

ClientSampleId :

101718-JETT-E-U-S

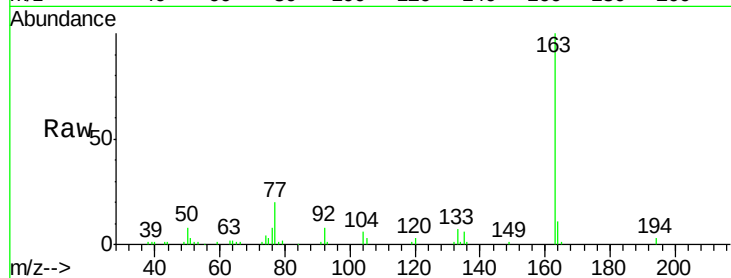
Tgt Ion:163 Resp: 48968

Ion Ratio Lower Upper

163 100

194 3.0 3.2 4.8#

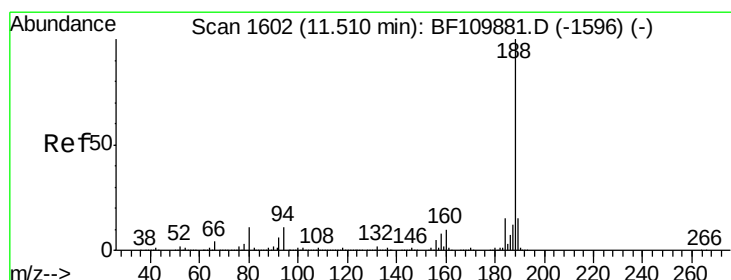
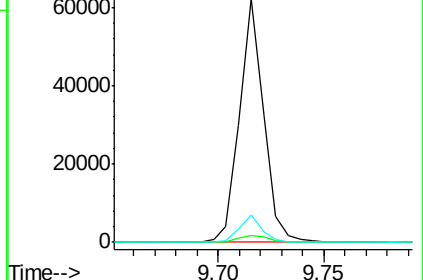
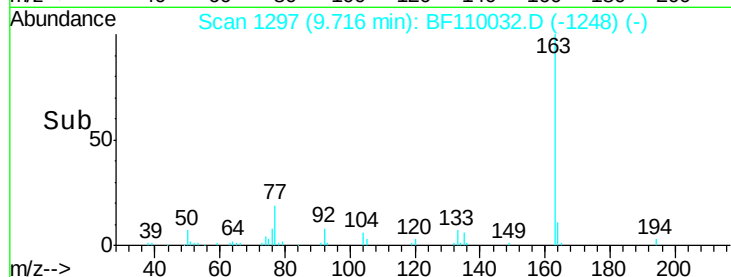
164 11.1 8.1 12.1



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.00 min

Lab File: BF110032.D

Acq: 20 Oct 2018 5:35

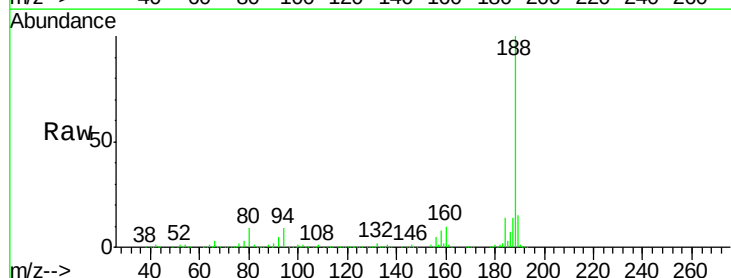
Tgt Ion:188 Resp: 534256

Ion Ratio Lower Upper

188 100

94 9.2 7.2 10.8

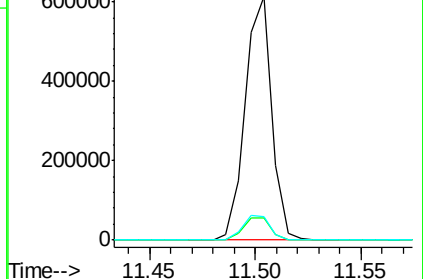
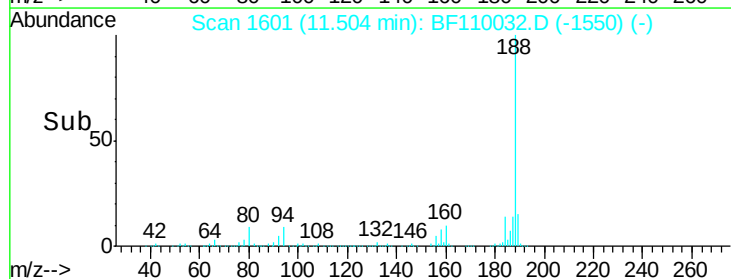
80 9.4 7.9 11.9

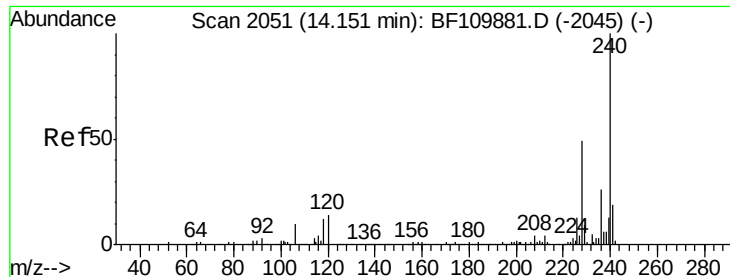


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

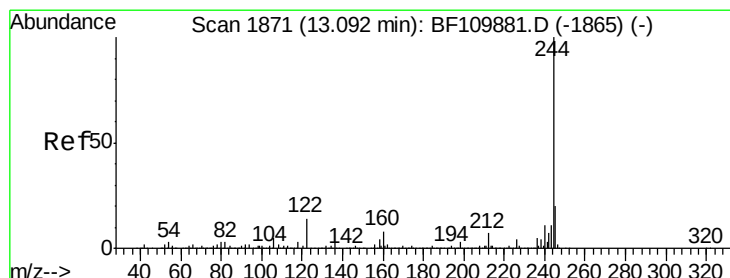
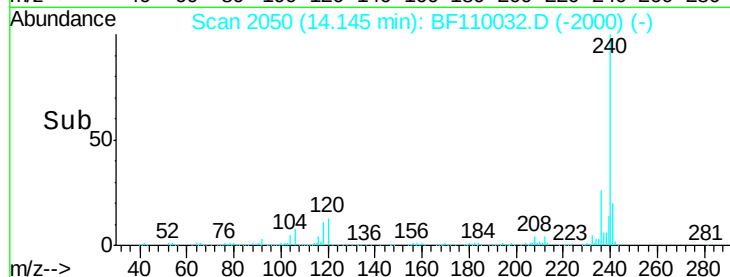
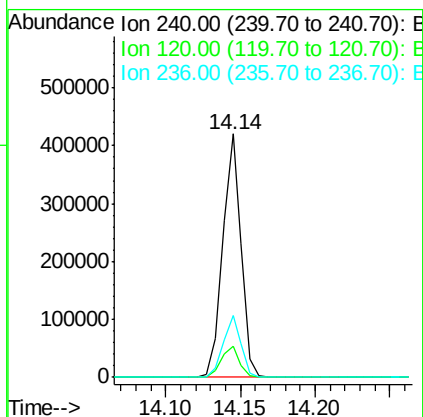
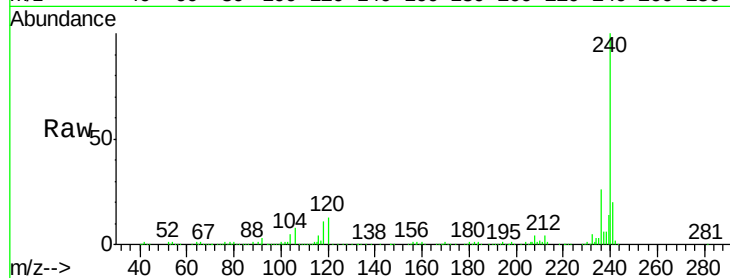




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.14 min Scan# 2050  
Delta R.T. -0.01 min  
Lab File: BF110032.D  
Acq: 20 Oct 2018 5:35

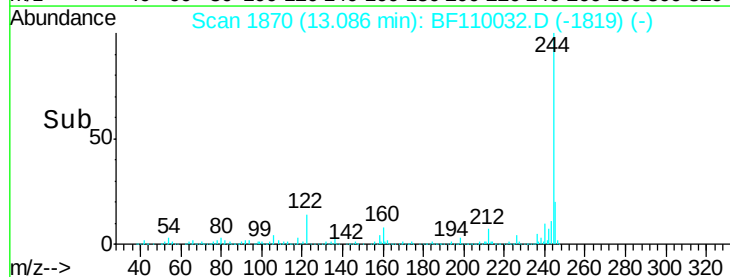
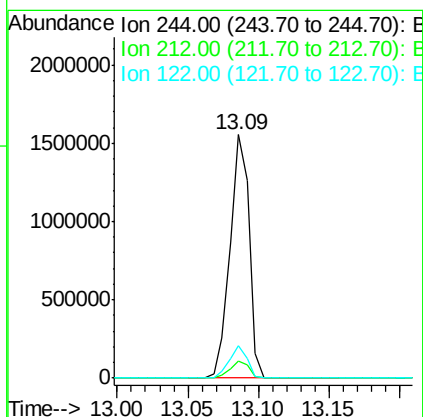
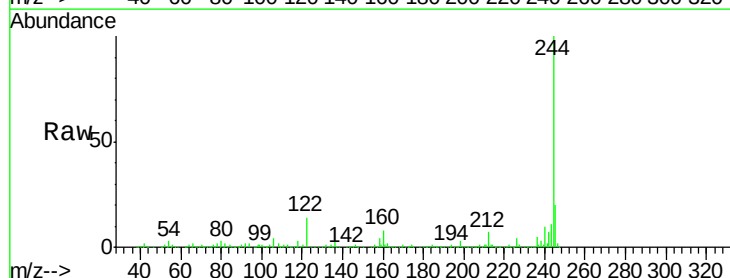
Instrument :  
BNA\_F  
ClientSampleId :  
101718-JETT-E-U-S

Tgt Ion:240 Resp: 364829  
Ion Ratio Lower Upper  
240 100  
120 12.9 8.3 12.5#  
236 25.5 21.2 31.8

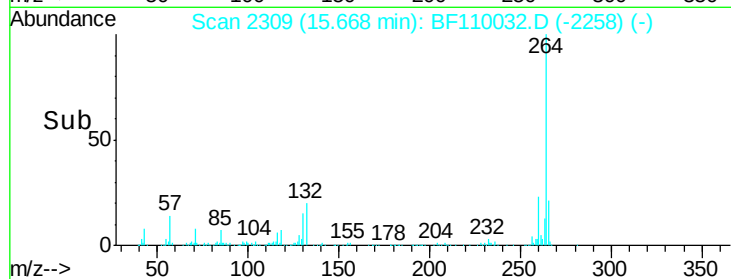
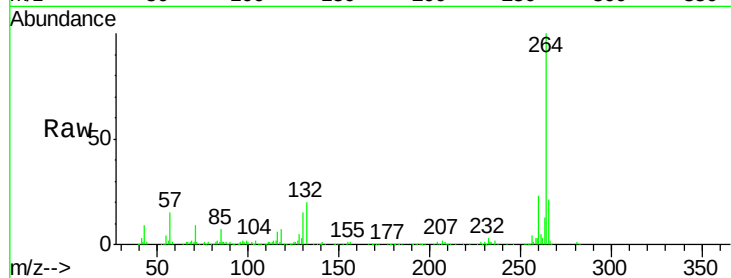
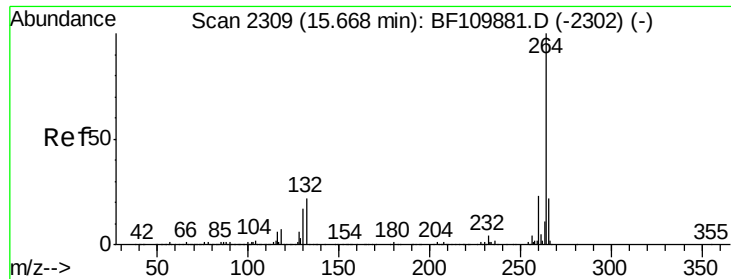


#79  
Terphenyl-d14  
Concen: 84.198 ng  
RT: 13.09 min Scan# 1870  
Delta R.T. -0.00 min  
Lab File: BF110032.D  
Acq: 20 Oct 2018 5:35

Tgt Ion:244 Resp: 1462810  
Ion Ratio Lower Upper  
244 100  
212 7.1 5.8 8.8  
122 13.5 8.7 13.1#







#87

Perylene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2309

Delta R.T. -0.00 min

Lab File: BF110032.D

Acq: 20 Oct 2018 5:35

Instrument :

BNA\_F

ClientSampleId :

101718-JETT-E-U-S

Tgt Ion: 264 Resp: 312043

Ion Ratio Lower Upper

264 100

260 23.3 18.7 28.1

265 21.2 16.7 25.1

