

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF031116\  
 Data File : BF085372.D  
 Acq On : 11 Mar 2016 15:13  
 Operator : UM/SJ  
 Sample : H1731-04  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-19-COMP

Quant Time: Mar 11 23:30:48 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF030316.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 04 00:54:58 2016  
 Response via : Initial Calibration

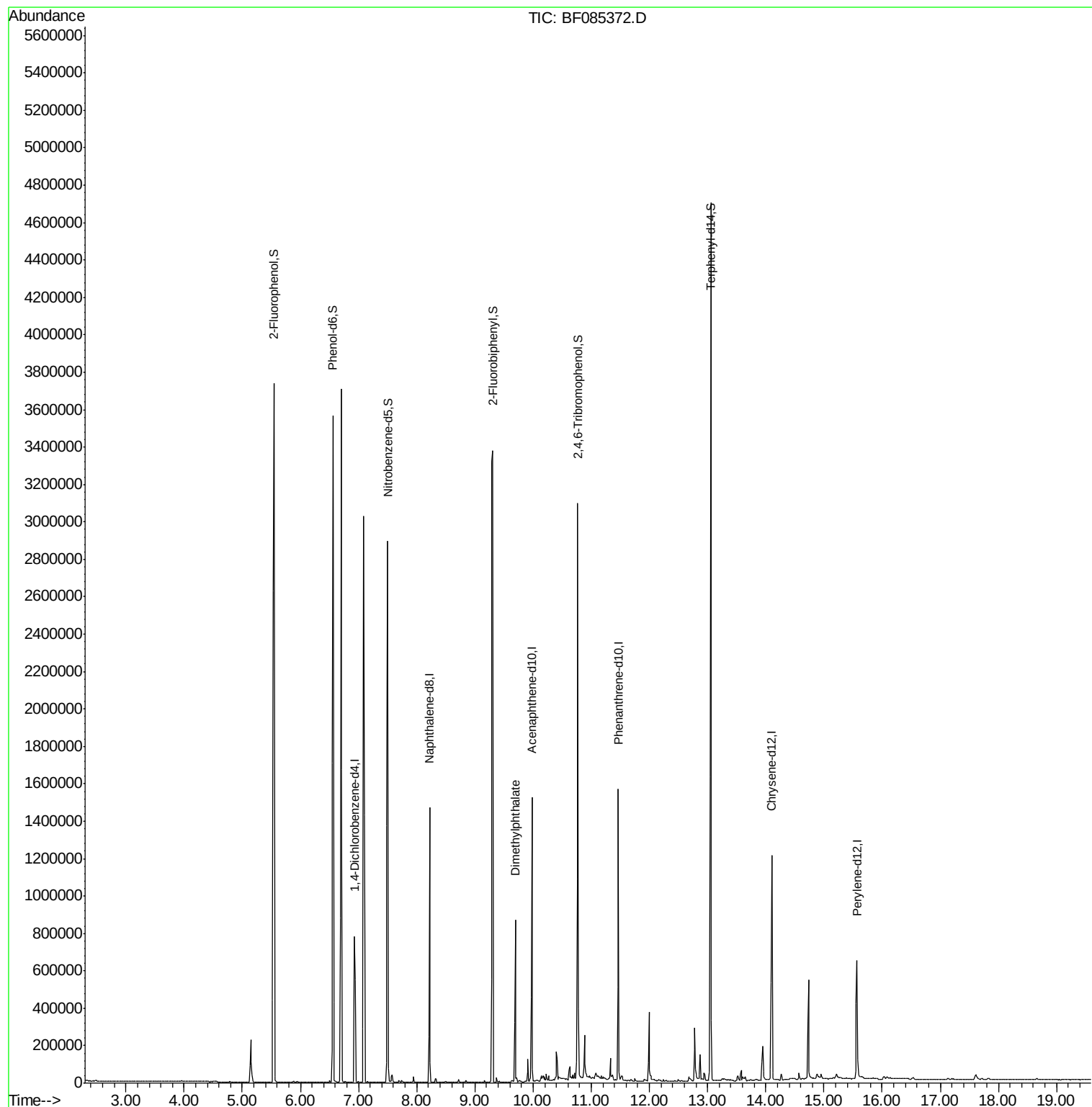
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|--------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.93  | 152  | 151707   | 20.00  | ng    | -0.06        |
| 21) Naphthalene-d8          | 8.22  | 136  | 618907   | 20.00  | ng    | -0.05        |
| 38) Acenaphthene-d10        | 9.98  | 164  | 297593   | 20.00  | ng    | -0.05        |
| 63) Phenanthrene-d10        | 11.46 | 188  | 576717   | 20.00  | ng    | -0.05        |
| 75) Chrysene-d12            | 14.11 | 240  | 436594   | 20.00  | ng    | -0.05        |
| 86) Perylene-d12            | 15.57 | 264  | 291938   | 20.00  | ng    | -0.05        |
| System Monitoring Compounds |       |      |          |        |       |              |
| 5) 2-Fluorophenol           | 5.54  | 112  | 1412729  | 156.20 | ng    | -0.03        |
| 7) Phenol-d6                | 6.56  | 99   | 1515866  | 127.93 | ng    | -0.05        |
| 23) Nitrobenzene-d5         | 7.50  | 82   | 1077849  | 93.19  | ng    | -0.05        |
| 41) 2,4,6-Tribromophenol    | 10.77 | 330  | 380791   | 149.54 | ng    | -0.05        |
| 44) 2-Fluorobiphenyl        | 9.30  | 172  | 1697836  | 86.77  | ng    | -0.05        |
| 78) Terphenyl-d14           | 13.05 | 244  | 1484709  | 78.94  | ng    | -0.03        |
| Target Compounds            |       |      |          |        |       |              |
| 49) Dimethylphthalate       | 9.69  | 163  | 378560   | 16.57  | ng    | Qvalue<br>99 |

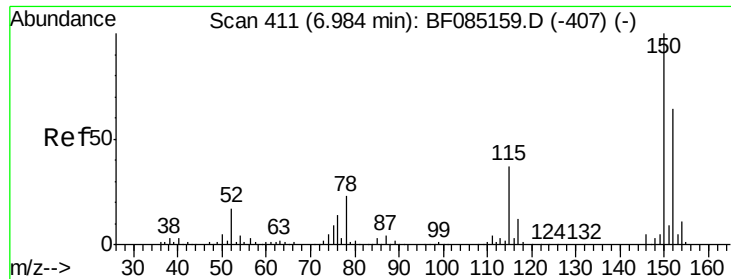
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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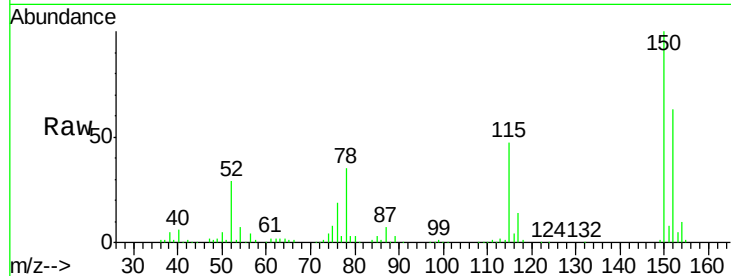




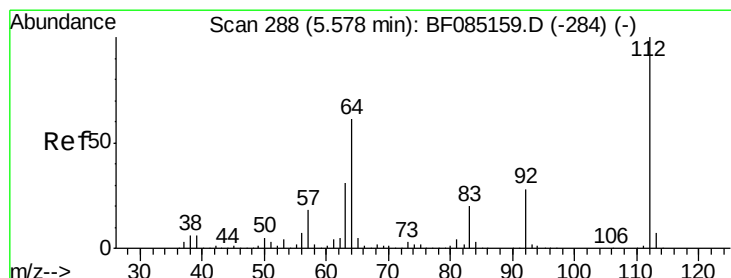
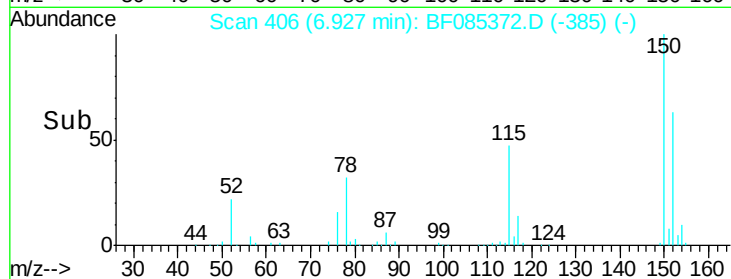
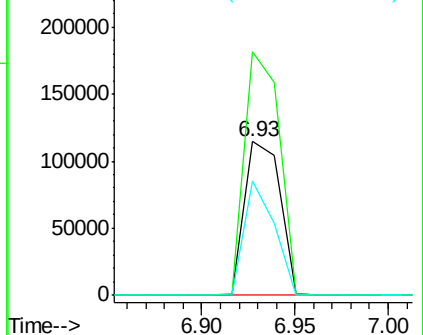
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 6.93 min Scan# 406  
 Delta R.T. -0.06 min  
 Lab File: BF085372.D  
 Acq: 11 Mar 2016 15:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-19-COMP

Tgt Ion:152 Resp: 151707  
 Ion Ratio Lower Upper  
 152 100  
 150 158.5 124.6 186.8  
 115 74.0 46.6 70.0#

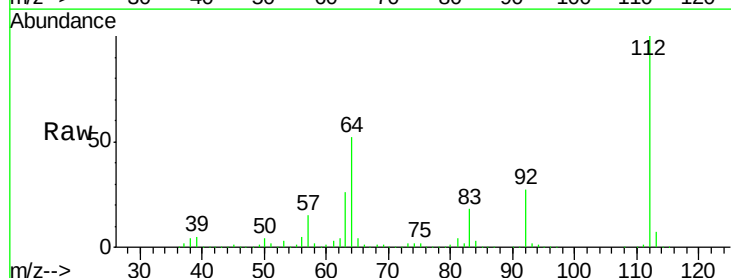


Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E

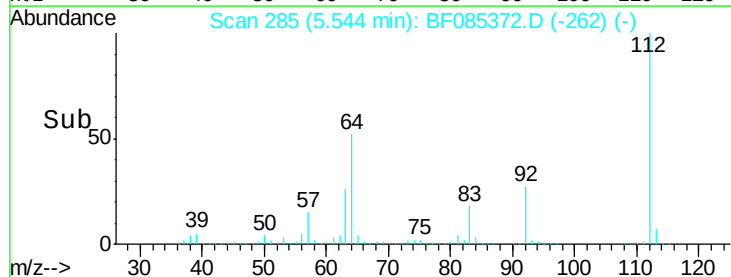
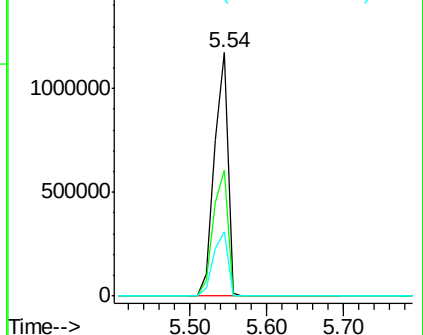


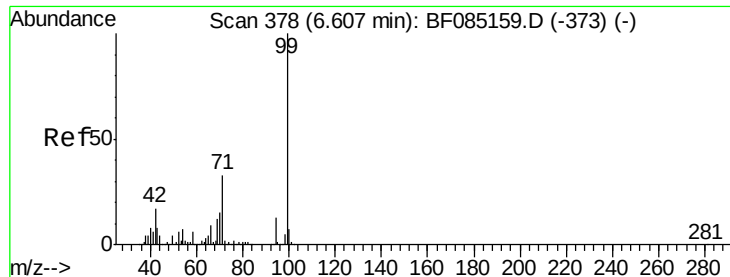
#5  
 2-Fluorophenol  
 Concen: 156.20 ng  
 RT: 5.54 min Scan# 285  
 Delta R.T. -0.03 min  
 Lab File: BF085372.D  
 Acq: 11 Mar 2016 15:13

Tgt Ion:112 Resp: 1412729  
 Ion Ratio Lower Upper  
 112 100  
 64 51.7 49.0 73.4  
 63 26.4 24.8 37.2



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: 127.93 ng

RT: 6.56 min Scan# 374

Delta R.T. -0.05 min

Lab File: BF085372.D

Acq: 11 Mar 2016 15:13

Instrument :

BNA\_F

ClientSampleId :

SB-19-COMP

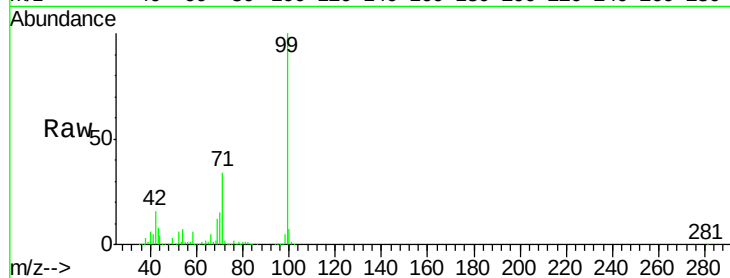
Tgt Ion: 99 Resp: 1515866

Ion Ratio Lower Upper

99 100

42 16.2 13.6 20.4

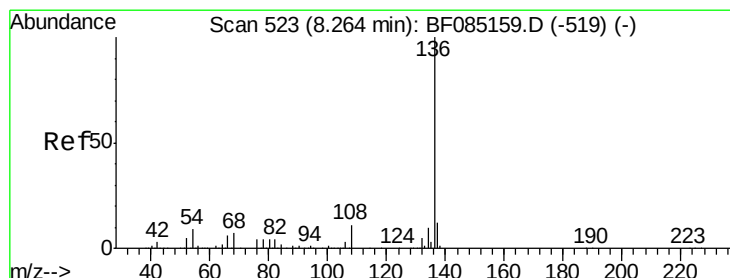
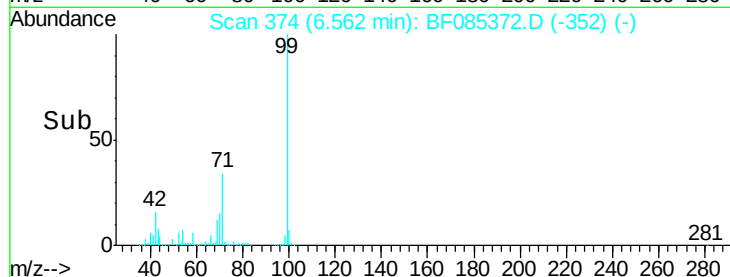
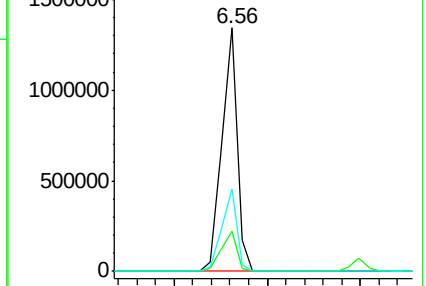
71 33.6 26.7 40.1



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: 8.22 min Scan# 519

Delta R.T. -0.05 min

Lab File: BF085372.D

Acq: 11 Mar 2016 15:13

Tgt Ion: 136 Resp: 618907

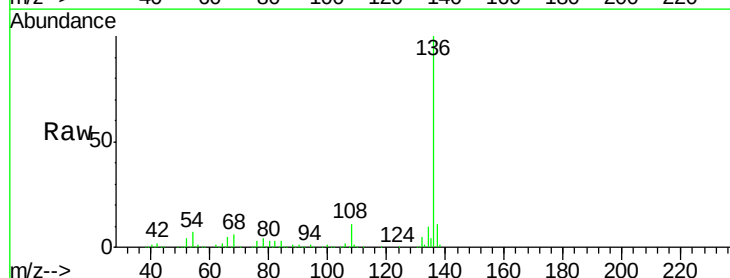
Ion Ratio Lower Upper

136 100

137 11.2 9.3 13.9

54 7.2 7.4 11.2#

68 6.1 6.0 9.0

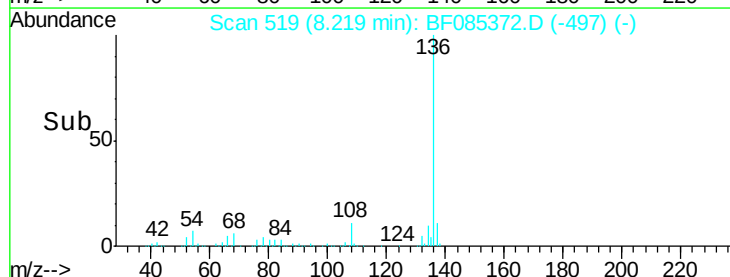
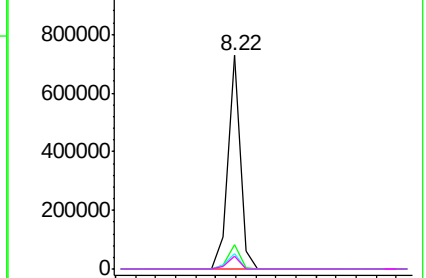


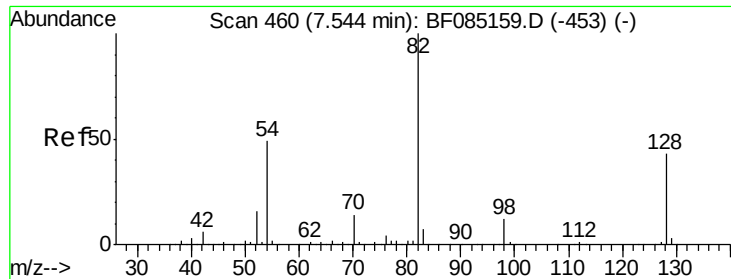
Abundance Ion 136.00 (135.70 to 136.70): E

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

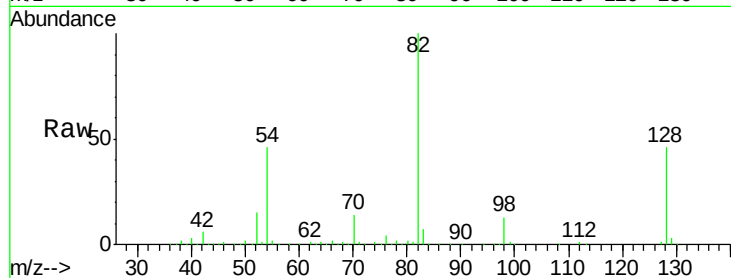




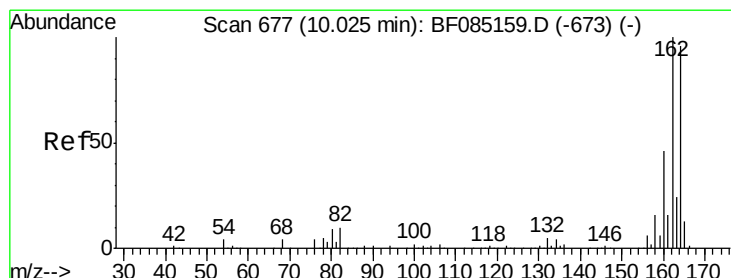
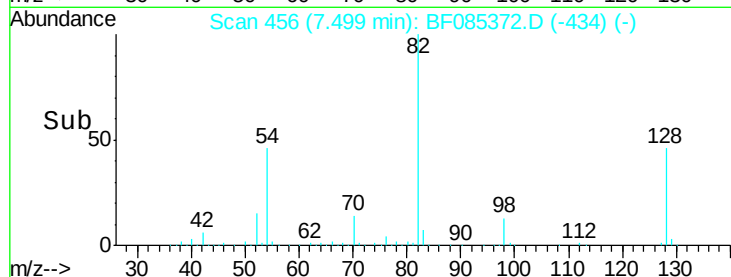
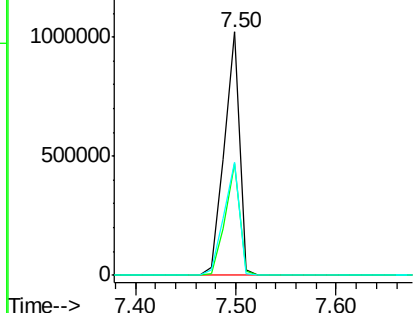
#23  
 Nitrobenzene-d5  
 Concen: 93.19 ng  
 RT: 7.50 min Scan# 456  
 Delta R.T. -0.05 min  
 Lab File: BF085372.D  
 Acq: 11 Mar 2016 15:13

Instrument :  
 BNA\_F  
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 SB-19-COMP

Tgt Ion: 82 Resp: 1077849  
 Ion Ratio Lower Upper  
 82 100  
 128 45.8 34.5 51.7  
 54 46.2 39.3 58.9

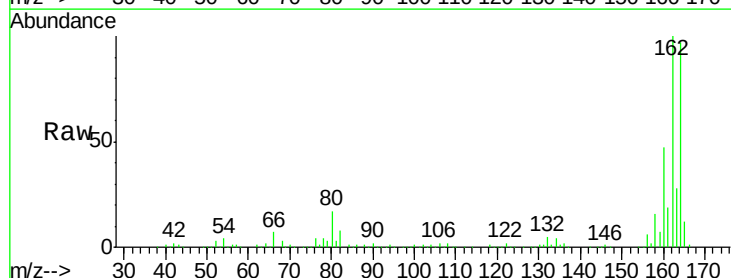


Abundance Ion 82.00 (81.70 to 82.70): BF0  
 Ion 128.00 (127.70 to 128.70): E  
 Ion 54.00 (53.70 to 54.70): BF0

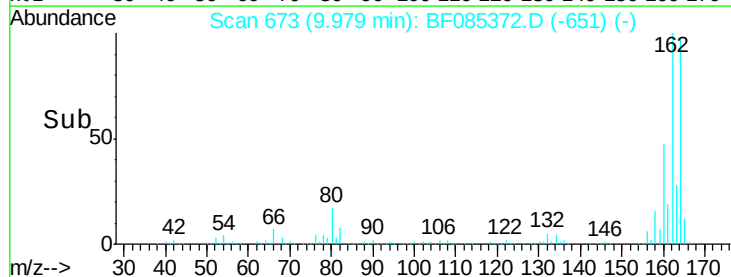
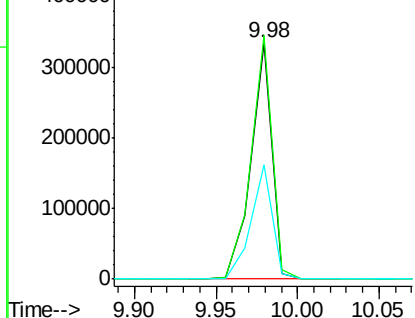


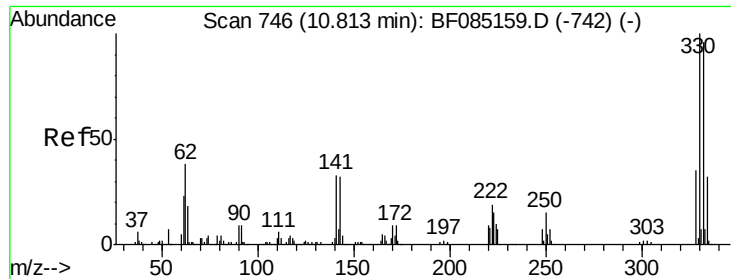
#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.98 min Scan# 673  
 Delta R.T. -0.05 min  
 Lab File: BF085372.D  
 Acq: 11 Mar 2016 15:13

Tgt Ion: 164 Resp: 297593  
 Ion Ratio Lower Upper  
 164 100  
 162 103.0 83.3 124.9  
 160 48.2 37.9 56.9



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

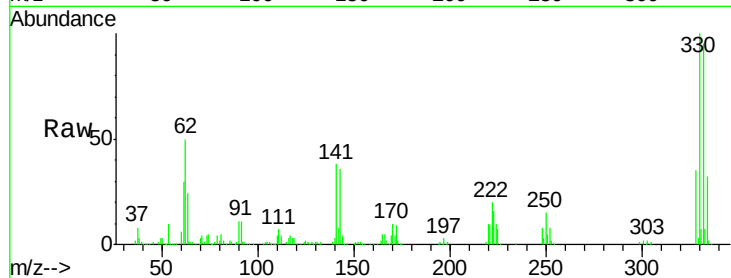




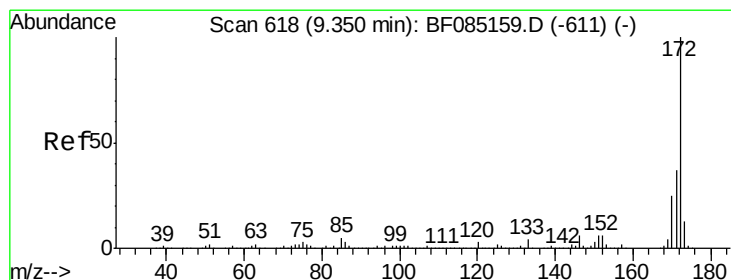
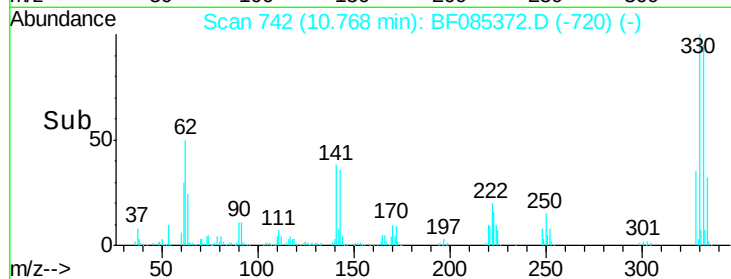
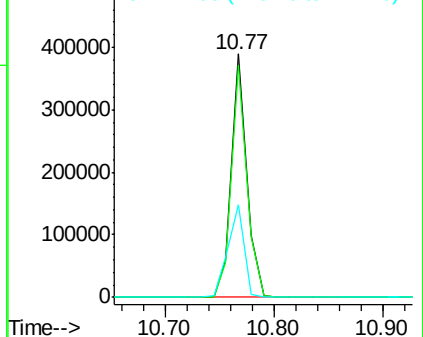
#41  
 2,4,6-Tribromophenol  
 Concen: 149.54 ng  
 RT: 10.77 min Scan# 742  
 Delta R.T. -0.05 min  
 Lab File: BF085372.D  
 Acq: 11 Mar 2016 15:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-19-COMP

Tgt Ion:330 Resp: 380791  
 Ion Ratio Lower Upper  
 330 100  
 332 95.6 77.1 115.7  
 141 40.3 35.0 52.6

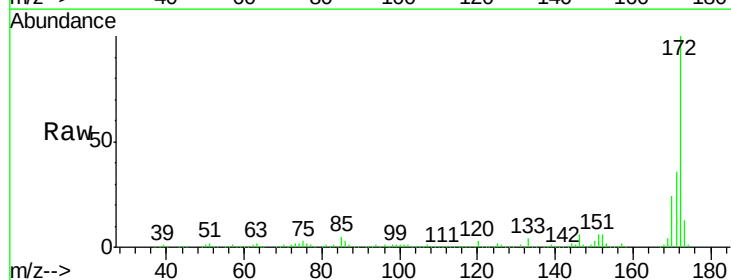


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

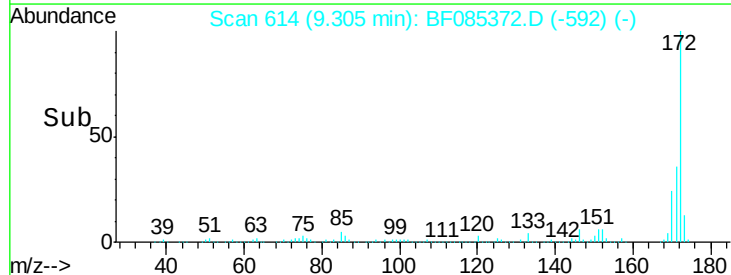
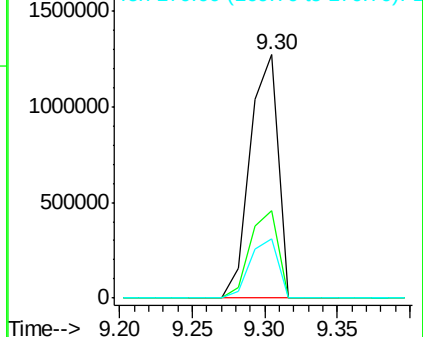


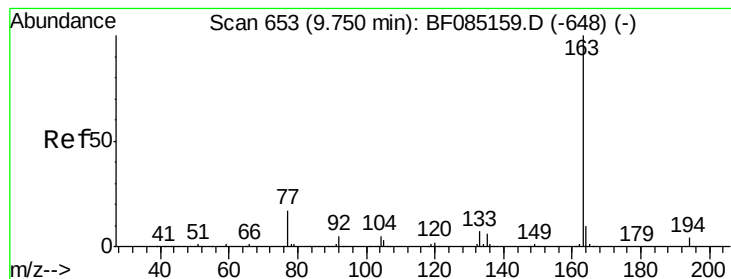
#44  
 2-Fluorobiphenyl  
 Concen: 86.77 ng  
 RT: 9.30 min Scan# 614  
 Delta R.T. -0.05 min  
 Lab File: BF085372.D  
 Acq: 11 Mar 2016 15:13

Tgt Ion:172 Resp: 1697836  
 Ion Ratio Lower Upper  
 172 100  
 171 35.9 29.3 43.9  
 170 24.4 20.0 30.0



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: 16.57 ng

RT: 9.69 min Scan# 648

Delta R.T. -0.06 min

Lab File: BF085372.D

Acq: 11 Mar 2016 15:13

Instrument :

BNA\_F

ClientSampleId :

SB-19-COMP

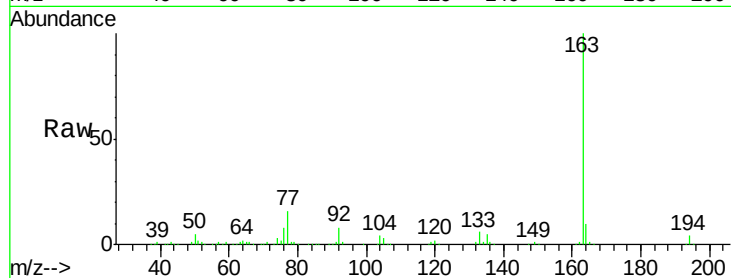
Tgt Ion:163 Resp: 378560

Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

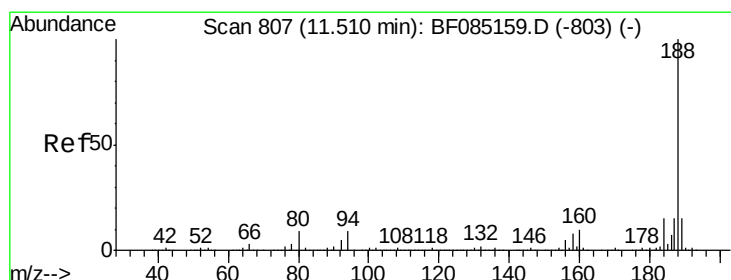
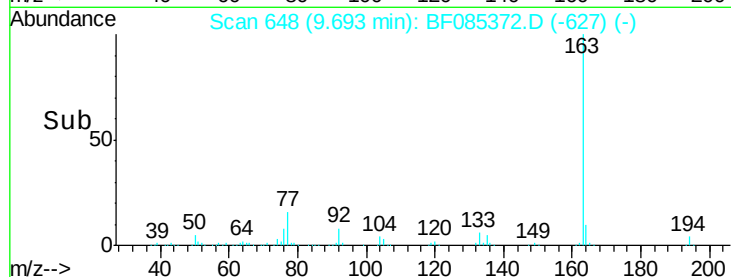
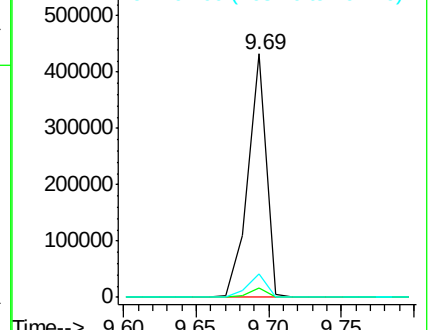
164 9.9 8.2 12.4



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: 11.46 min Scan# 803

Delta R.T. -0.05 min

Lab File: BF085372.D

Acq: 11 Mar 2016 15:13

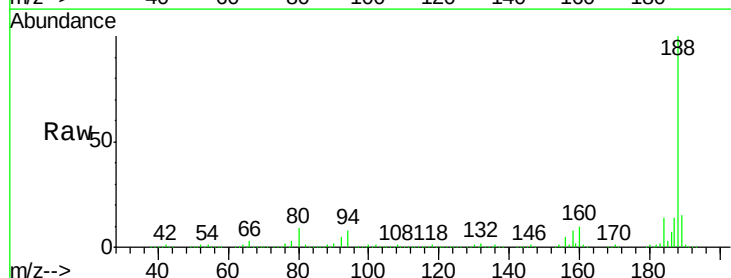
Tgt Ion:188 Resp: 576717

Ion Ratio Lower Upper

188 100

94 8.1 7.0 10.6

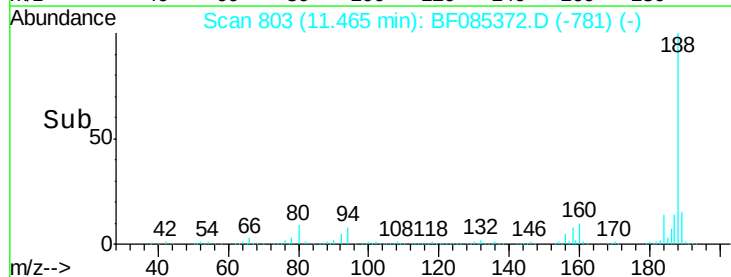
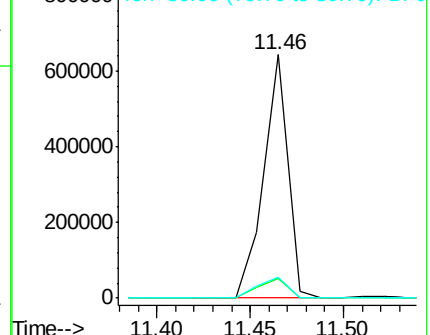
80 8.6 7.4 11.0

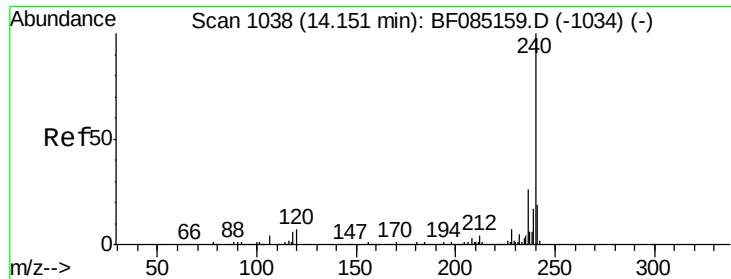


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.11 min Scan# 1034

Delta R.T. -0.05 min

Lab File: BF085372.D

Acq: 11 Mar 2016 15:13

Instrument :

BNA\_F

ClientSampleId :

SB-19-COMP

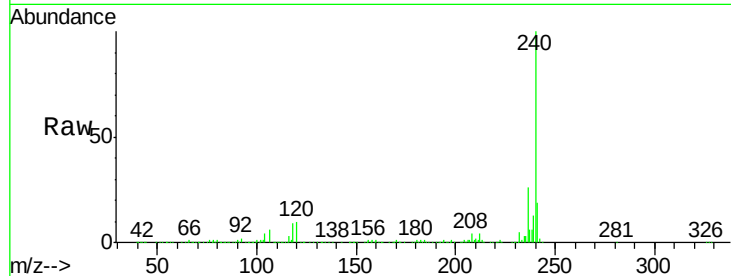
Tgt Ion:240 Resp: 436594

Ion Ratio Lower Upper

240 100

120 10.0 5.3 7.9#

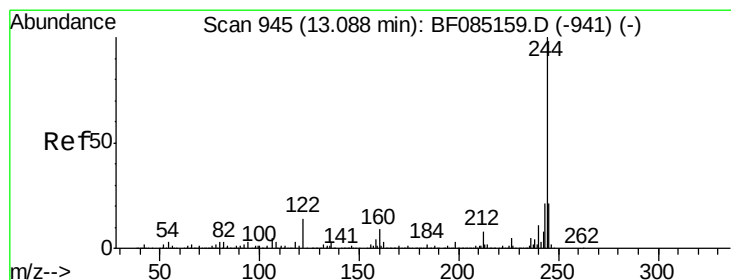
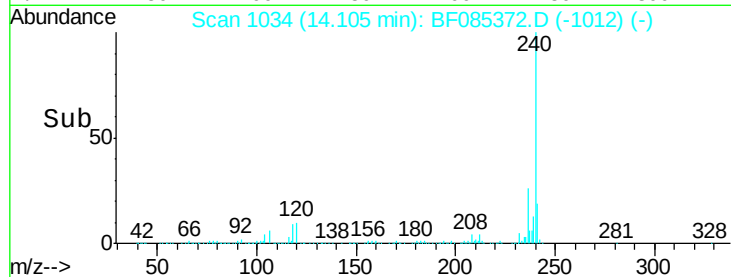
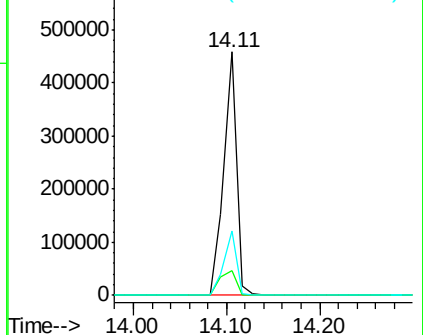
236 26.3 20.7 31.1



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: 78.94 ng

RT: 13.05 min Scan# 942

Delta R.T. -0.03 min

Lab File: BF085372.D

Acq: 11 Mar 2016 15:13

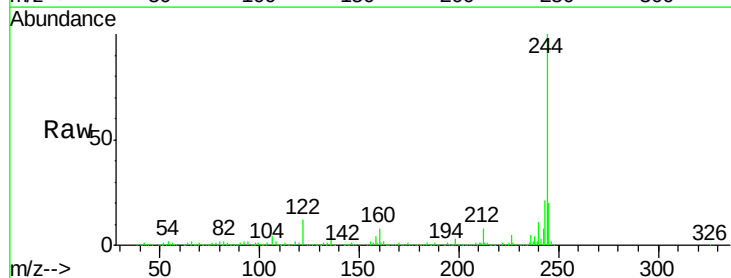
Tgt Ion:244 Resp: 1484709

Ion Ratio Lower Upper

244 100

212 7.5 6.4 9.6

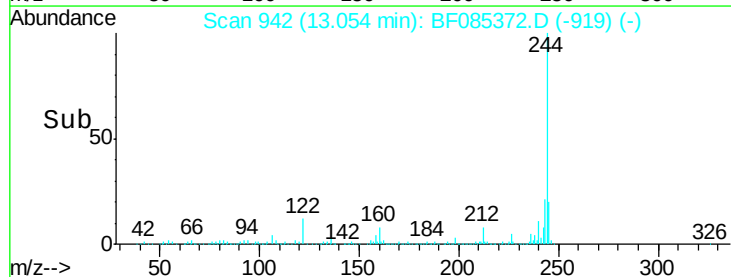
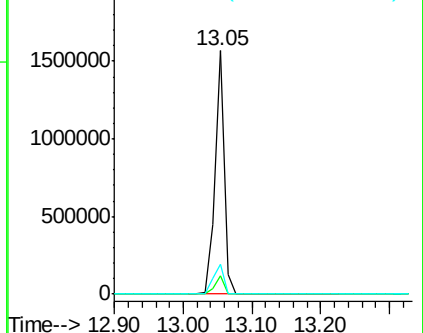
122 12.0 11.4 17.2



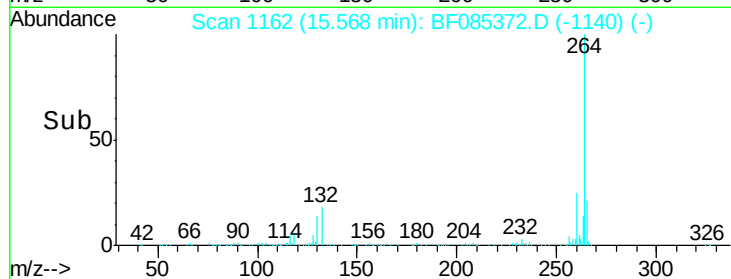
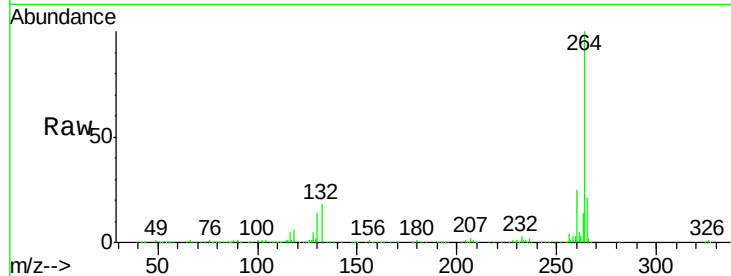
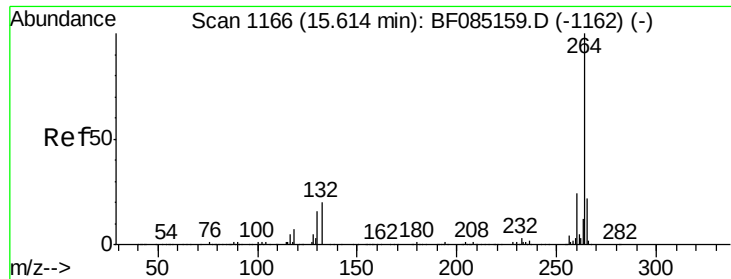
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E







#86

Perylene-d12

Concen: 20.00 ng

RT: 15.57 min Scan# 1162

Delta R.T. -0.05 min

Lab File: BF085372.D

Acq: 11 Mar 2016 15:13

Instrument :

BNA\_F

ClientSampleId :

SB-19-COMP

Tgt Ion: 264 Resp: 291938

Ion Ratio Lower Upper

264 100

260 24.8 19.2 28.8

265 21.2 17.3 25.9

