

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\  
 Data File : BF119803.D  
 Acq On : 7 Apr 2020 6:16  
 Operator : MA/SJ  
 Sample : L2135-01  
 Misc :  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-1H-(0-2)

Quant Time: Apr 07 06:54:26 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Apr 06 11:15:16 2020  
 Response via : Initial Calibration

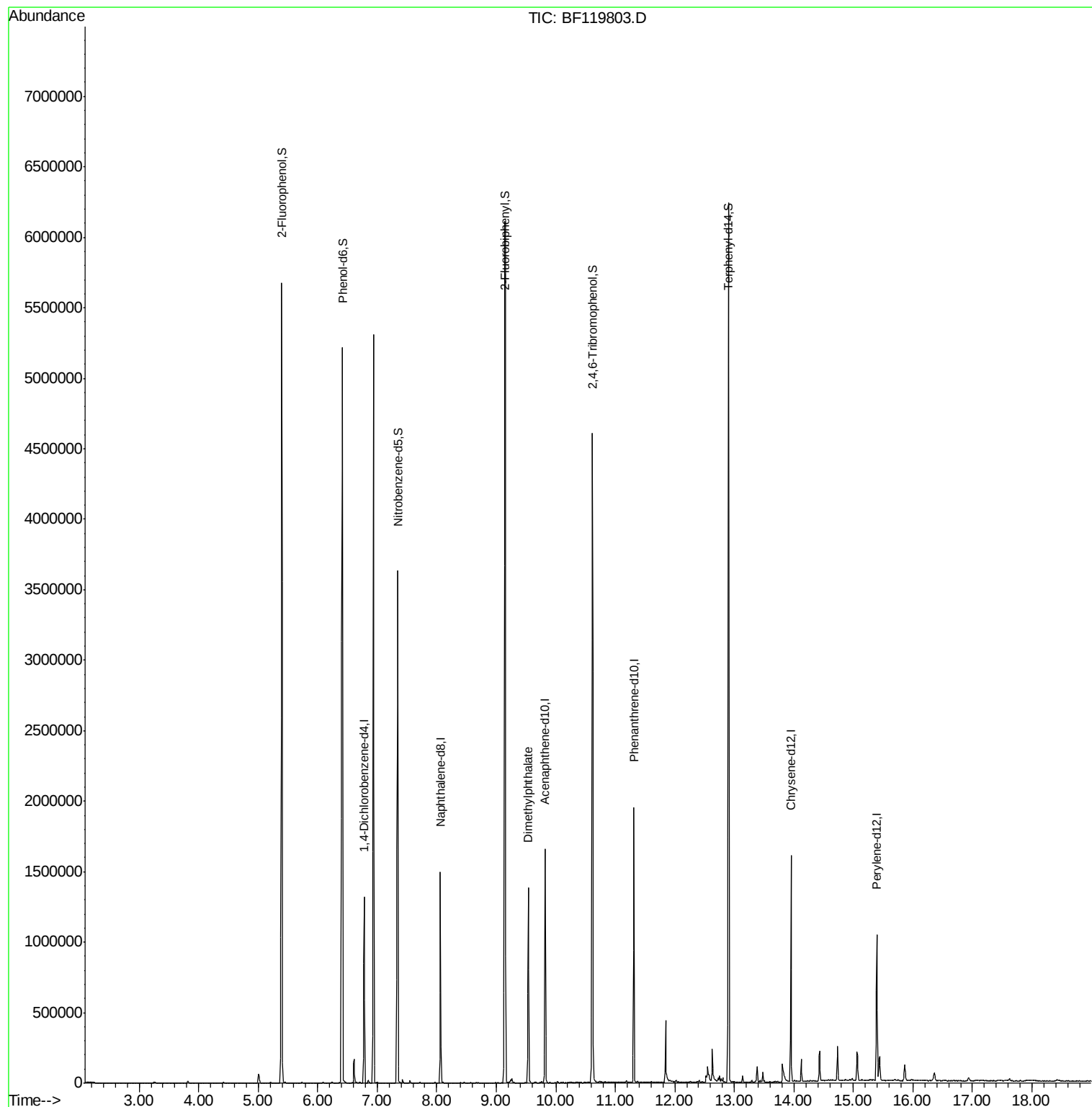
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|--------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.78  | 152  | 183396   | 20.00  | ng    | 0.00         |
| 21) Naphthalene-d8          | 8.06  | 136  | 690254   | 20.00  | ng    | -0.01        |
| 39) Acenaphthene-d10        | 9.82  | 164  | 360071   | 20.00  | ng    | -0.01        |
| 64) Phenanthrene-d10        | 11.31 | 188  | 672660   | 20.00  | ng    | 0.00         |
| 76) Chrysene-d12            | 13.95 | 240  | 515344   | 20.00  | ng    | 0.00         |
| 87) Perylene-d12            | 15.39 | 264  | 499319   | 20.00  | ng    | 0.00         |
| System Monitoring Compounds |       |      |          |        |       |              |
| 5) 2-Fluorophenol           | 5.40  | 112  | 1694686  | 147.10 | ng    | 0.01         |
| 7) Phenol-d6                | 6.42  | 99   | 2121947  | 144.19 | ng    | 0.00         |
| 23) Nitrobenzene-d5         | 7.35  | 82   | 1321167  | 104.02 | ng    | 0.00         |
| 42) 2,4,6-Tribromophenol    | 10.62 | 330  | 611681   | 164.66 | ng    | 0.00         |
| 45) 2-Fluorobiphenyl        | 9.15  | 172  | 2342951  | 96.40  | ng    | 0.00         |
| 79) Terphenyl-d14           | 12.90 | 244  | 2441996  | 92.84  | ng    | 0.00         |
| Target Compounds            |       |      |          |        |       |              |
| 50) Dimethylphthalate       | 9.54  | 163  | 509455   | 19.919 | ng    | Qvalue<br>99 |

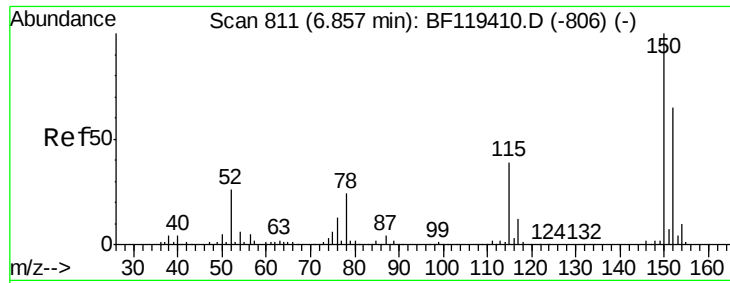
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\  
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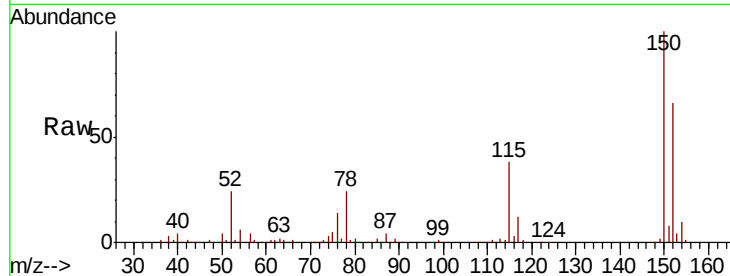


#1

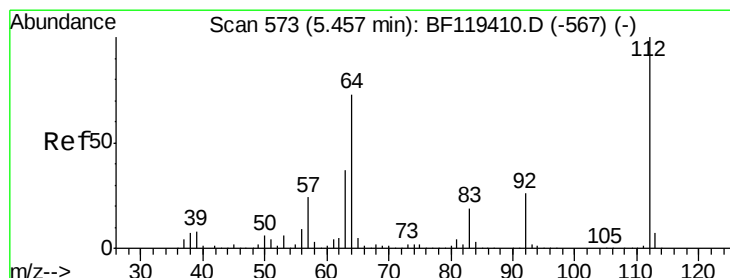
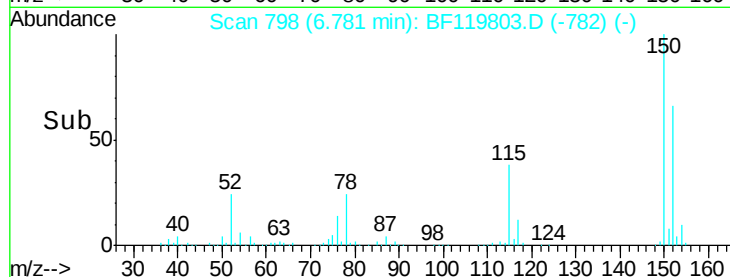
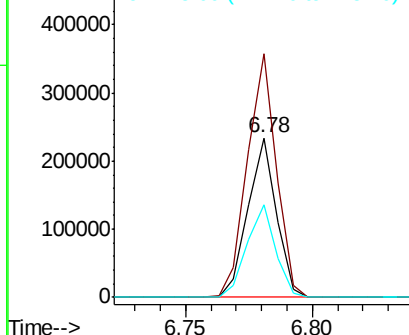
1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.78 min Scan# 798  
 Delta R.T. -0.01 min  
 Lab File: BF119803.D  
 Acq: 7 Apr 2020 6:16

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-1H-(0-2)

Tot Ion:152 Resp: 183396  
 Ion Ratio Lower Upper  
 152 100  
 150 152.5 124.5 186.7  
 115 58.3 49.6 74.4



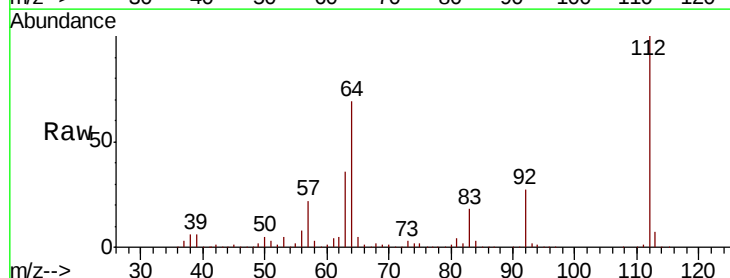
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



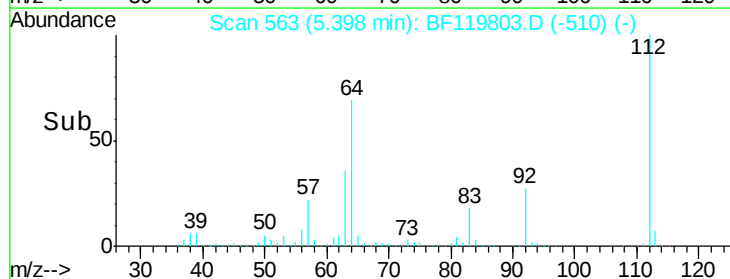
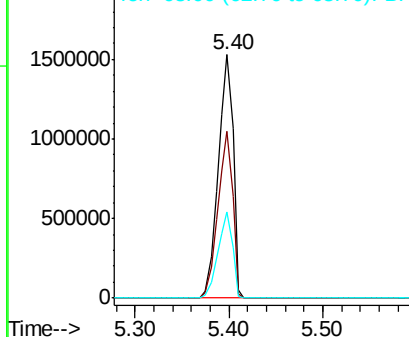
#5

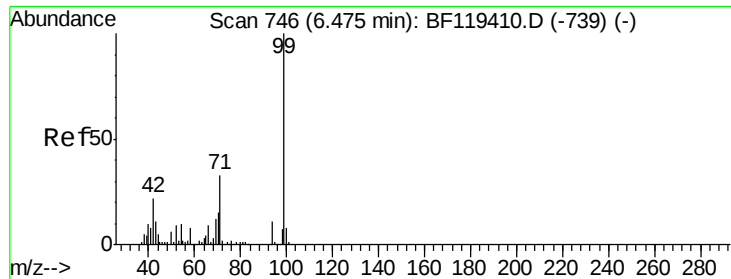
2-Fluorophenol  
 Concen: 147.101 ng  
 RT: 5.40 min Scan# 563  
 Delta R.T. 0.01 min  
 Lab File: BF119803.D  
 Acq: 7 Apr 2020 6:16

Tgt Ion:112 Resp: 1694686  
 Ion Ratio Lower Upper  
 112 100  
 64 68.6 56.7 85.1  
 63 35.5 29.5 44.3



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: 144.187 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF119803.D

Acq: 7 Apr 2020 6:16

Instrument :

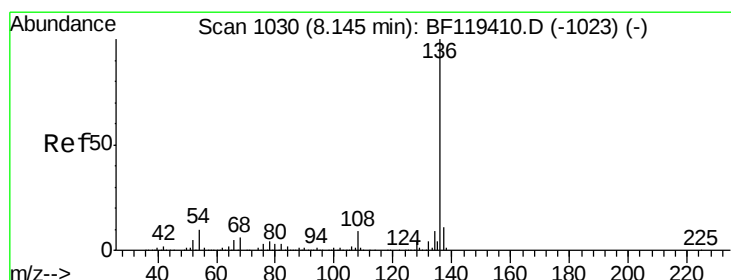
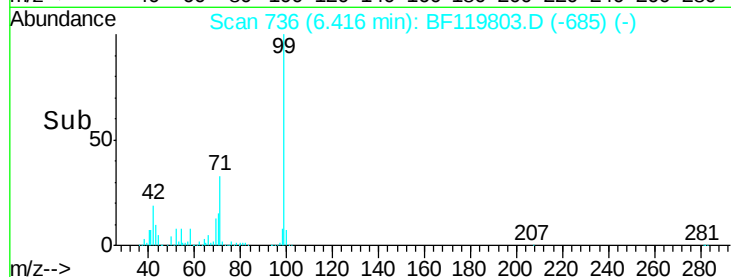
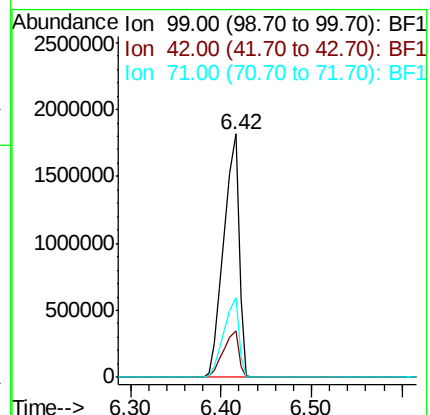
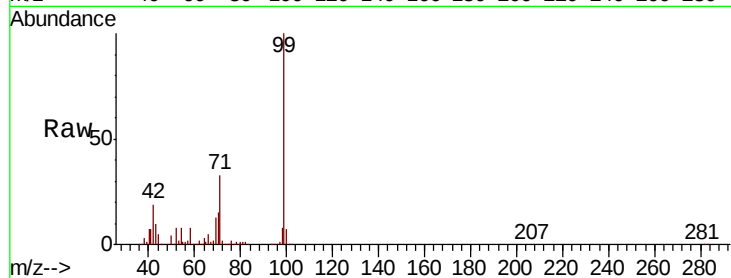
BNA\_F

ClientSampleId :

SB-1H-(0-2)

Tot Ion: 99 Resp: 2121947

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 19.2  | 16.6  | 24.8  |
| 71  | 33.0  | 26.4  | 39.6  |



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1016

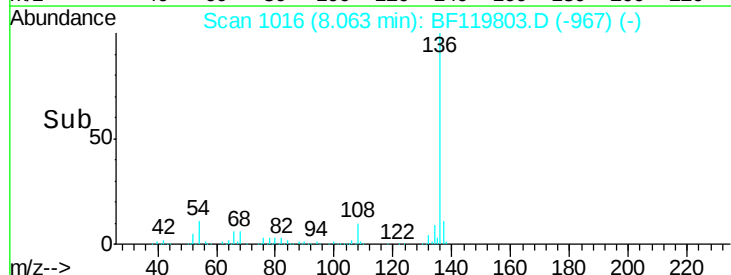
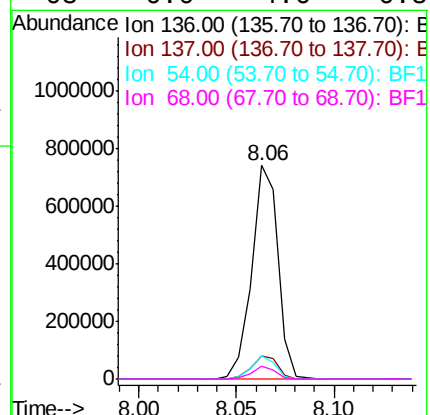
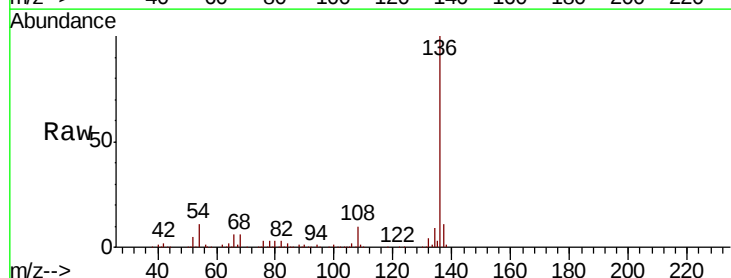
Delta R.T. -0.01 min

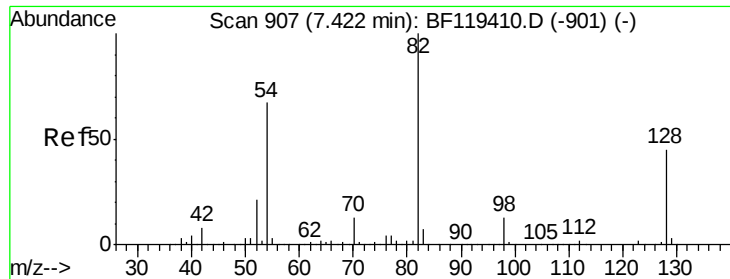
Lab File: BF119803.D

Acq: 7 Apr 2020 6:16

Tgt Ion: 136 Resp: 690254

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.0  | 8.7   | 13.1  |
| 54  | 10.8  | 9.1   | 13.7  |
| 68  | 6.0   | 4.6   | 6.8   |

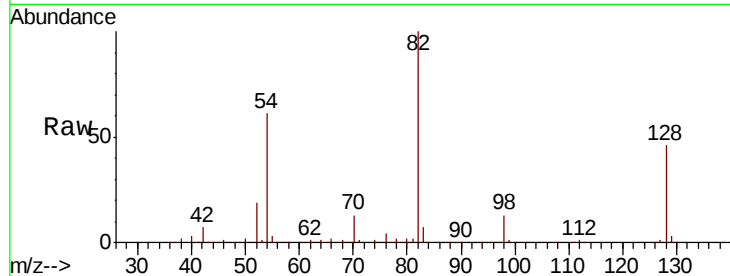




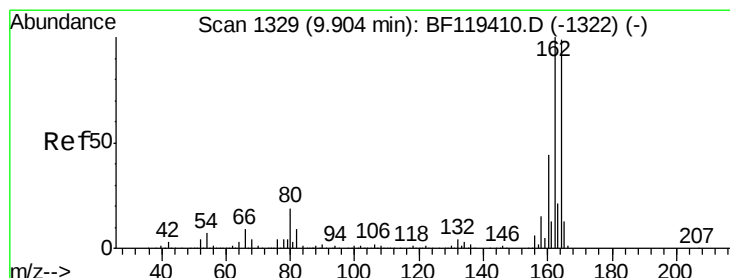
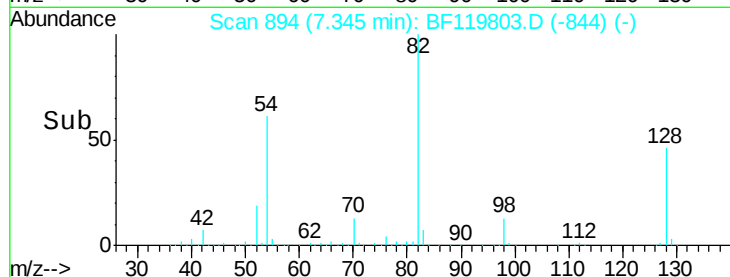
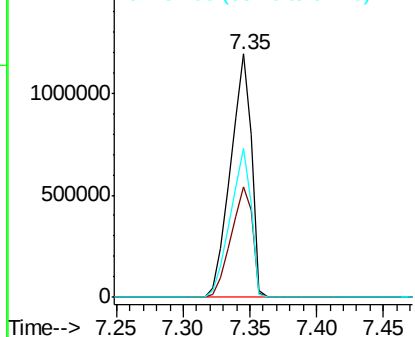
#23  
 Nitrobenzene-d5  
 Concen: 104.023 ng  
 RT: 7.35 min Scan# 894  
 Delta R.T. -0.01 min  
 Lab File: BF119803.D  
 Acq: 7 Apr 2020 6:16

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-1H-(0-2)

Tot Ion: 82 Resp: 1321167  
 Ion Ratio Lower Upper  
 82 100  
 128 45.6 36.3 54.5  
 54 61.0 50.6 75.8

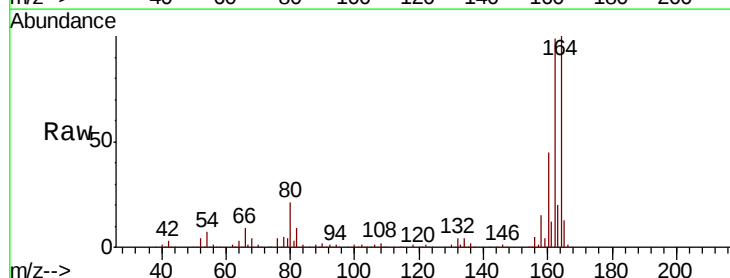


Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): BF1  
 Ion 54.00 (53.70 to 54.70): BF1

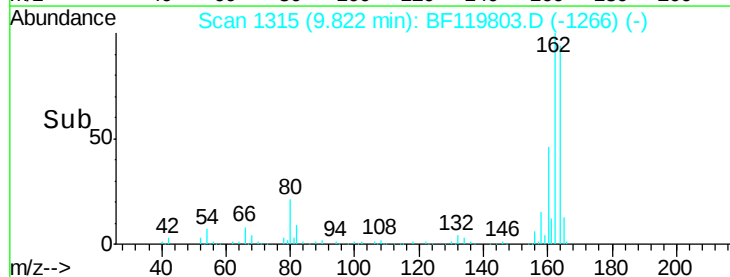
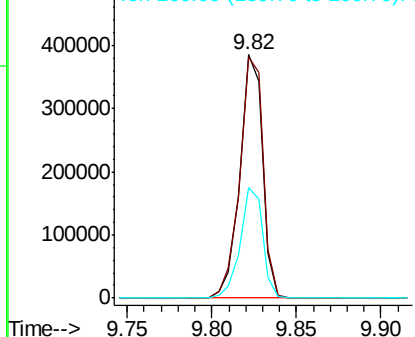


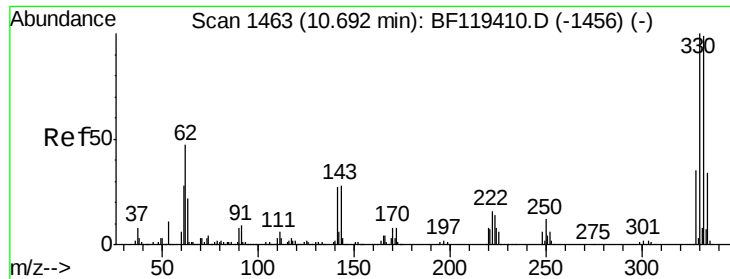
#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.82 min Scan# 1315  
 Delta R.T. -0.01 min  
 Lab File: BF119803.D  
 Acq: 7 Apr 2020 6:16

Tgt Ion: 164 Resp: 360071  
 Ion Ratio Lower Upper  
 164 100  
 162 99.2 80.6 121.0  
 160 45.3 35.7 53.5



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

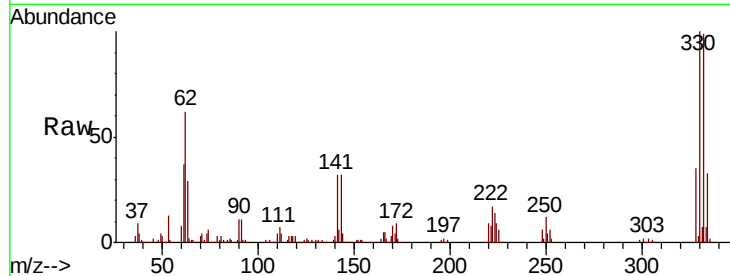




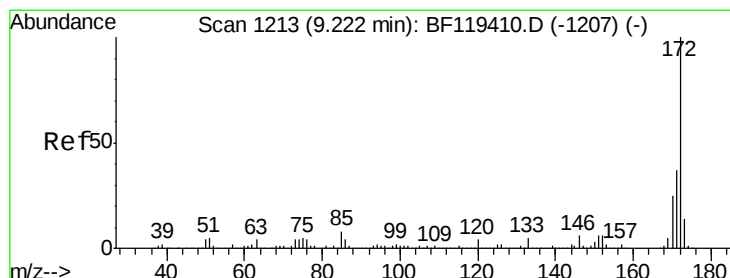
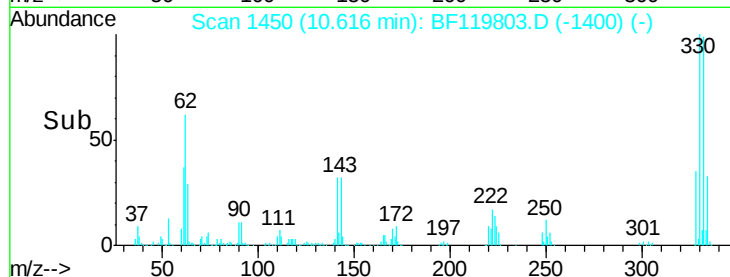
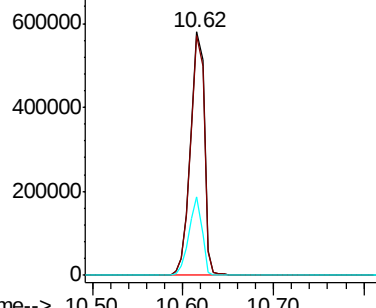
#42  
 2,4,6-Tribromophenol  
 Concen: 164.664 ng  
 RT: 10.62 min Scan# 1450  
 Delta R.T. -0.01 min  
 Lab File: BF119803.D  
 Acq: 7 Apr 2020 6:16

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-1H-(0-2)

Tot Ion:330 Resp: 611681  
 Ion Ratio Lower Upper  
 330 100  
 332 97.9 75.7 113.5  
 141 30.5 25.4 38.0

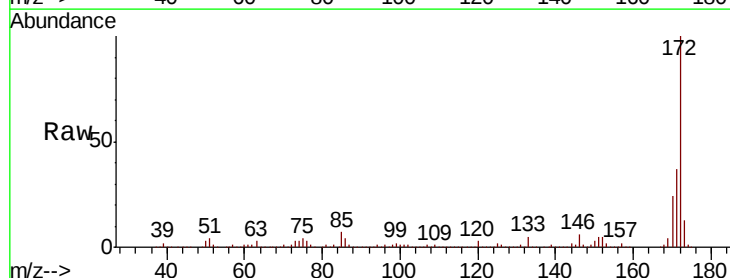


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

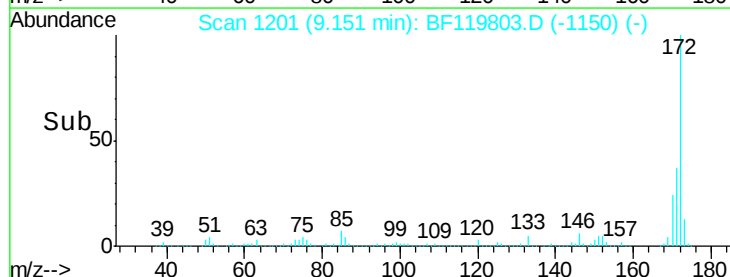
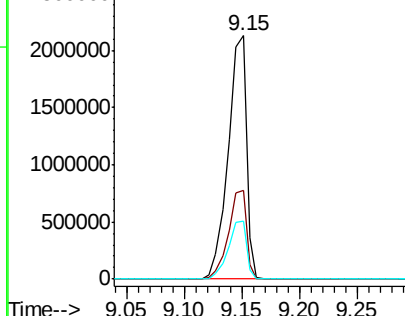


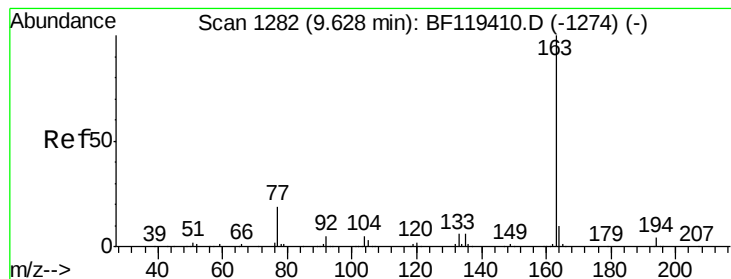
#45  
 2-Fluorobiphenyl  
 Concen: 96.398 ng  
 RT: 9.15 min Scan# 1201  
 Delta R.T. -0.00 min  
 Lab File: BF119803.D  
 Acq: 7 Apr 2020 6:16

Tgt Ion:172 Resp: 2342951  
 Ion Ratio Lower Upper  
 172 100  
 171 36.5 29.6 44.4  
 170 23.9 20.2 30.2



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





#50

Dimethylphthalate

Concen: 19.919 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.02 min

Lab File: BF119803.D

Acq: 7 Apr 2020 6:16

Instrument :

BNA\_F

ClientSampleId :

SB-1H-(0-2)

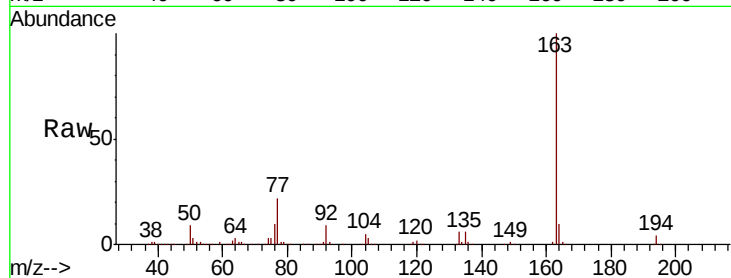
Tot Ion:163 Resp: 509455

Ion Ratio Lower Upper

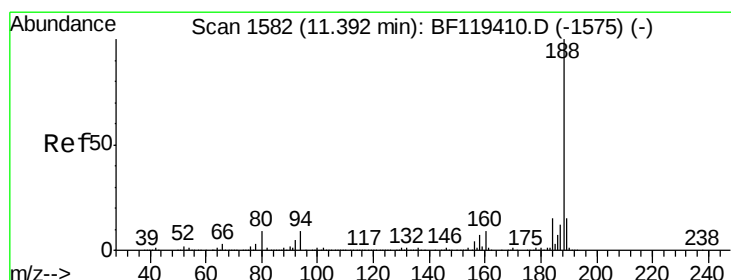
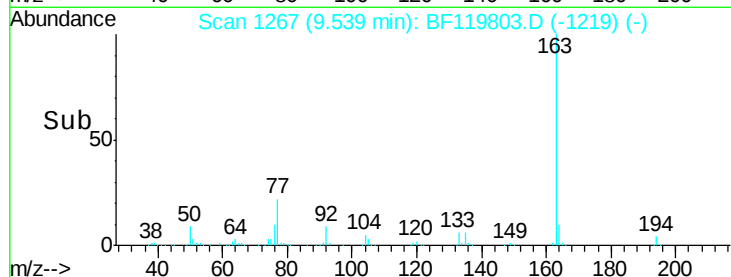
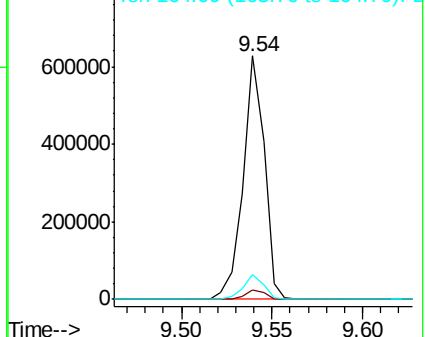
163 100

194 3.8 3.1 4.7

164 9.9 8.2 12.2



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: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF119803.D

Acq: 7 Apr 2020 6:16

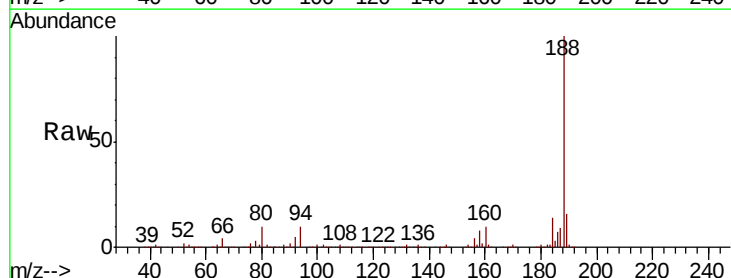
Tgt Ion:188 Resp: 672660

Ion Ratio Lower Upper

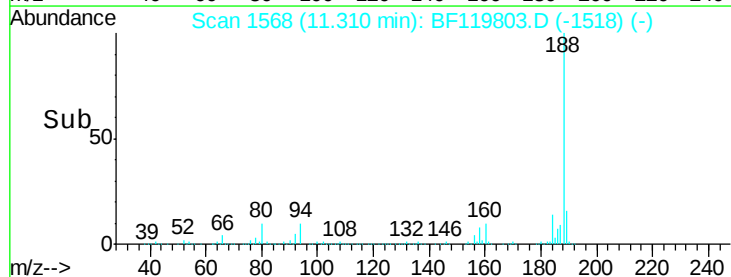
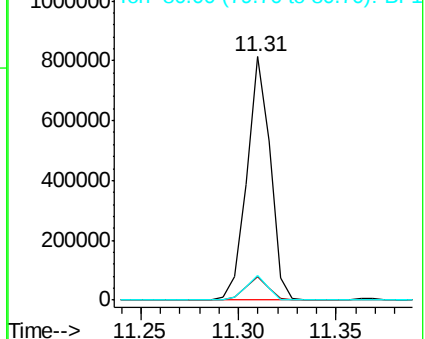
188 100

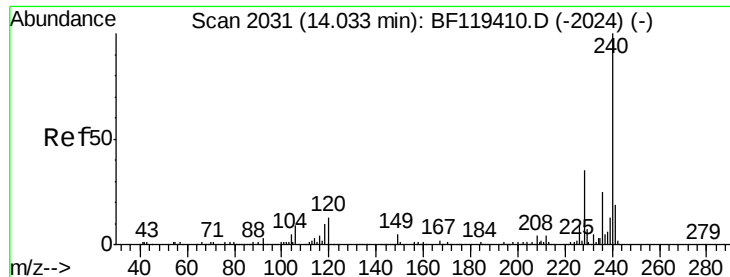
94 9.6 7.5 11.3

80 10.0 9.0 13.4



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

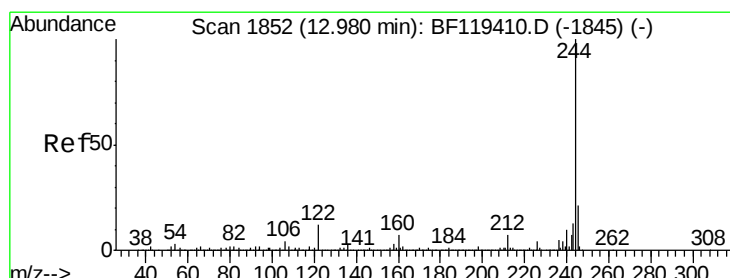
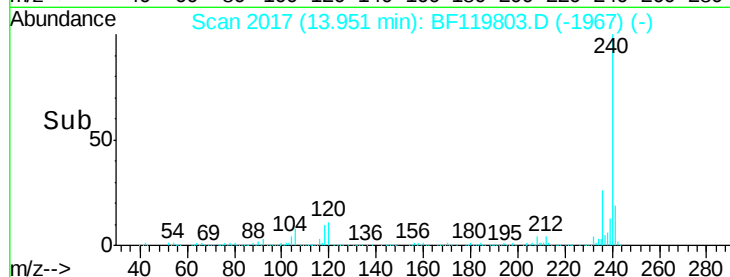
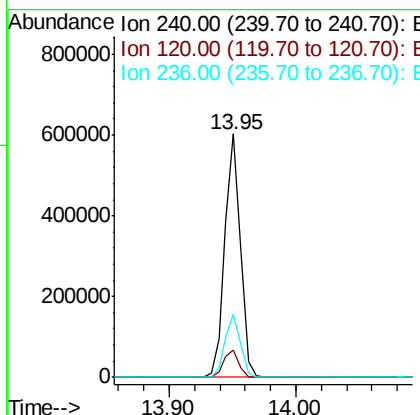
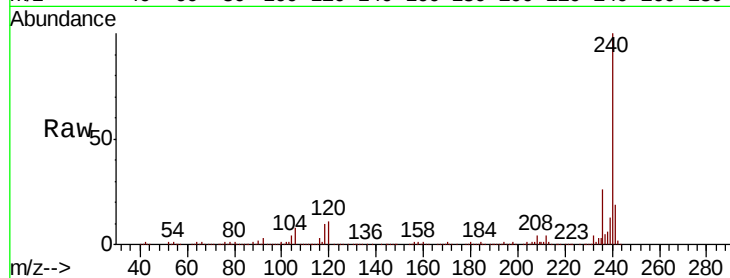




#76  
 Chrvsene-d12  
 Concen: 20.000 ng  
 RT: 13.95 min Scan# 2017  
 Delta R.T. -0.01 min  
 Lab File: BF119803.D  
 Acq: 7 Apr 2020 6:16

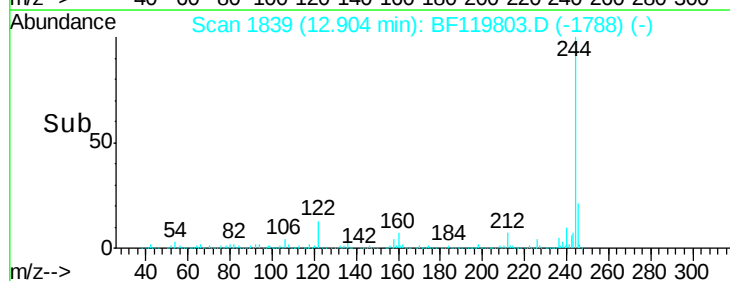
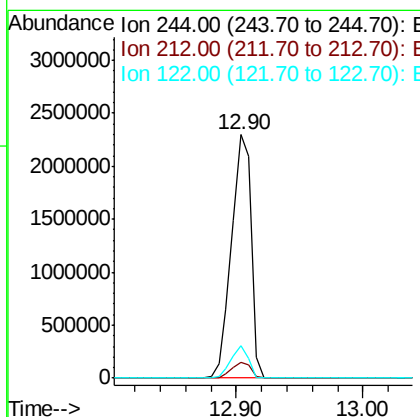
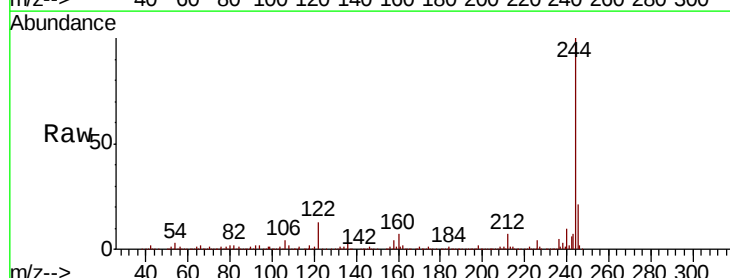
Instrument :  
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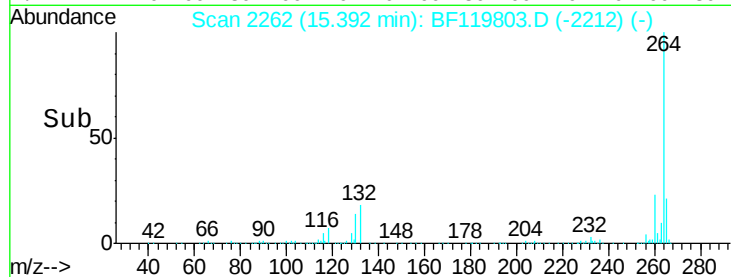
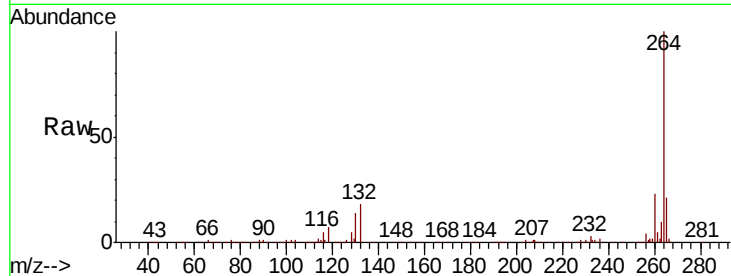
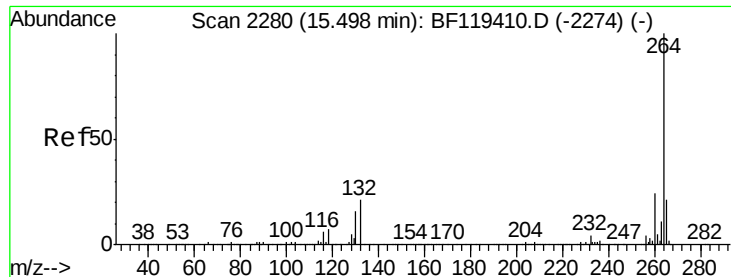
Tot Ion:240 Resp: 515344  
 Ion Ratio Lower Upper  
 240 100  
 120 11.1 10.6 15.8  
 236 25.7 20.2 30.2



#79  
 Terphenyl-d14  
 Concen: 92.839 ng  
 RT: 12.90 min Scan# 1839  
 Delta R.T. -0.00 min  
 Lab File: BF119803.D  
 Acq: 7 Apr 2020 6:16

Tgt Ion:244 Resp: 2441996  
 Ion Ratio Lower Upper  
 244 100  
 212 6.7 5.8 8.8  
 122 13.4 10.3 15.5





#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.39 min Scan# 2262  
Delta R.T. -0.01 min  
Lab File: BF119803.D  
Acq: 7 Apr 2020 6:16

Instrument :  
BNA\_F  
ClientSampleId :  
SB-1H-(0-2)

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.2  | 18.7  | 28.1  |
| 265     | 21.3  | 17.7  | 26.5  |

