

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG060616\  
 Data File : BG022175.D  
 Acq On : 6 Jun 2016 19:04  
 Operator : UM/SJ  
 Sample : H3399-12  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-13

Quant Time: Jun 07 03:42:52 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG060616.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 06 16:12:45 2016  
 Response via : Initial Calibration

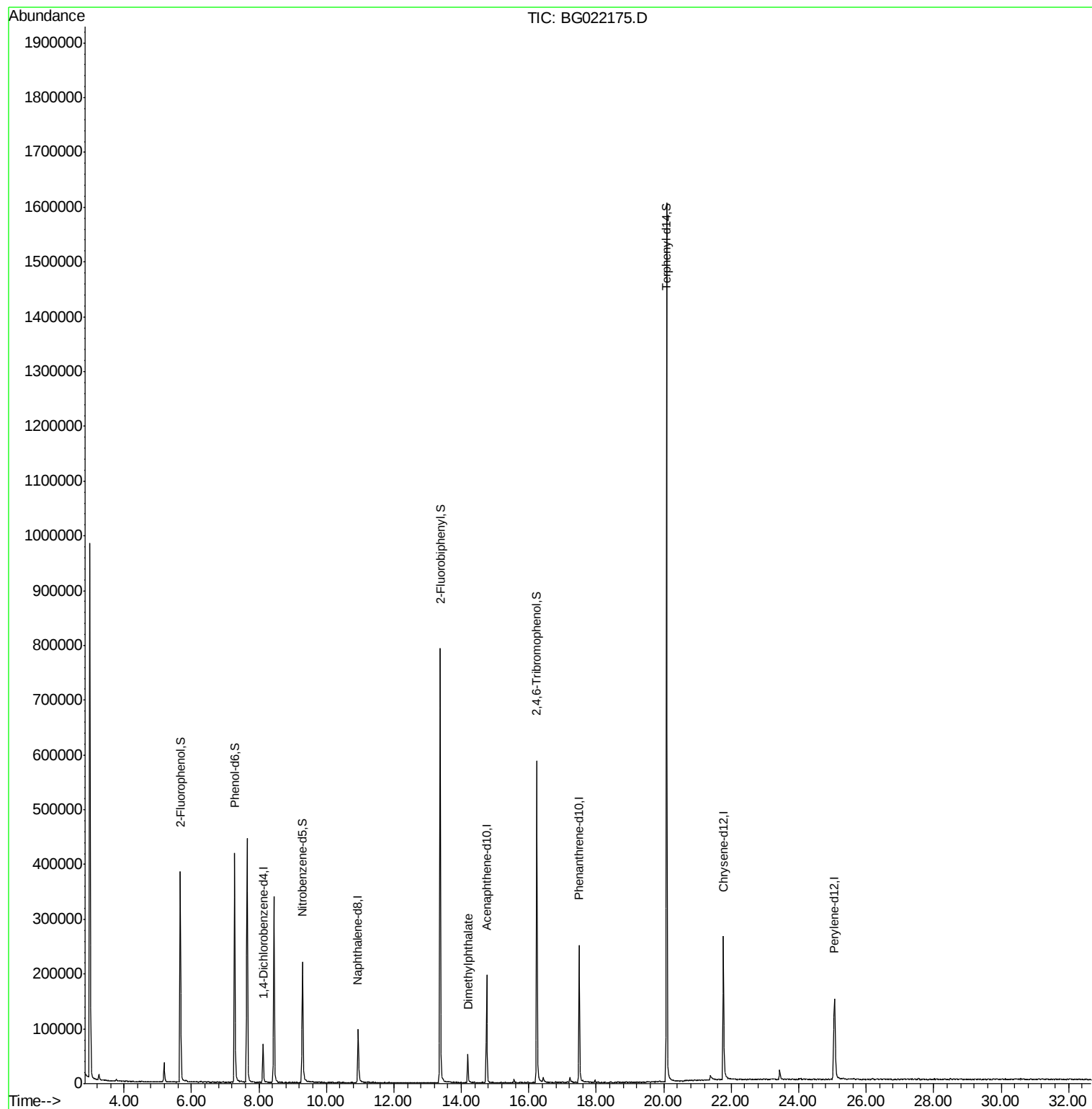
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)      |
|-----------------------------|-------|------|----------|--------|-------|---------------|
| 1) 1,4-Dichlorobenzene-d4   | 8.12  | 152  | 27402    | 20.00  | ng    | 0.00          |
| 21) Naphthalene-d8          | 10.94 | 136  | 125730   | 20.00  | ng    | 0.00          |
| 38) Acenaphthene-d10        | 14.75 | 164  | 80524    | 20.00  | ng    | 0.00          |
| 63) Phenanthrene-d10        | 17.49 | 188  | 190837   | 20.00  | ng    | 0.00          |
| 75) Chrysene-d12            | 21.77 | 240  | 193477   | 20.00  | ng    | 0.00          |
| 86) Perylene-d12            | 25.06 | 264  | 189511   | 20.00  | ng    | 0.00          |
| System Monitoring Compounds |       |      |          |        |       |               |
| 5) 2-Fluorophenol           | 5.67  | 112  | 262233   | 185.03 | ng    | 0.00          |
| 7) Phenol-d6                | 7.28  | 99   | 375805   | 168.65 | ng    | 0.00          |
| 23) Nitrobenzene-d5         | 9.29  | 82   | 194669   | 107.94 | ng    | 0.00          |
| 41) 2,4,6-Tribromophenol    | 16.24 | 330  | 143992   | 158.25 | ng    | 0.00          |
| 44) 2-Fluorobiphenyl        | 13.37 | 172  | 515446   | 97.55  | ng    | 0.00          |
| 78) Terphenyl-d14           | 20.09 | 244  | 788390   | 96.74  | ng    | 0.00          |
| Target Compounds            |       |      |          |        |       |               |
| 49) Dimethylphthalate       | 14.19 | 163  | 50538    | 7.57   | ng    | Qvalue<br>100 |

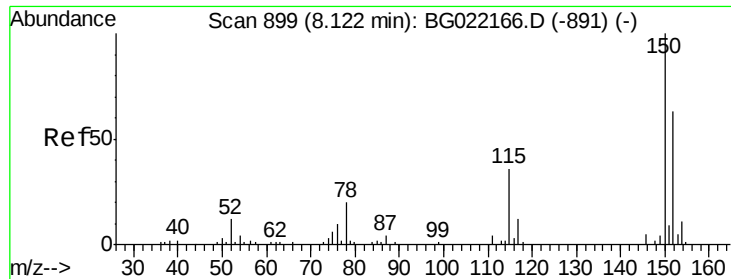
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG060616\  
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Acq On : 6 Jun 2016 19:04  
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Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
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Quant Time: Jun 07 03:42:52 2016  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG060616.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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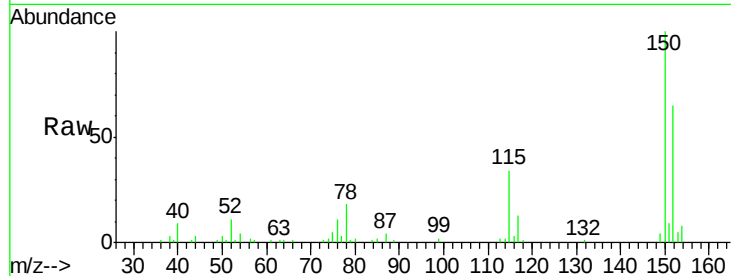


#1

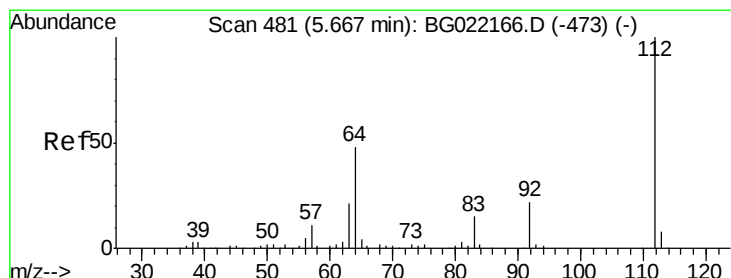
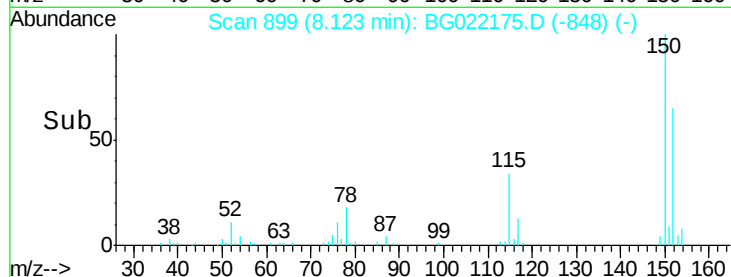
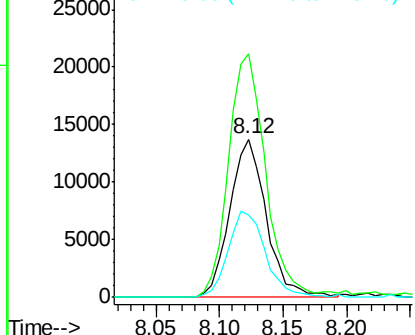
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.12 min Scan# 899  
Delta R.T. 0.00 min  
Lab File: BG022175.D  
Acq: 6 Jun 2016 19:04

Instrument :  
BNA\_G  
ClientSampleId :  
SB-13

Tgt Ion:152 Resp: 27402  
Ion Ratio Lower Upper  
152 100  
150 154.1 130.1 195.1  
115 52.4 62.2 93.2#



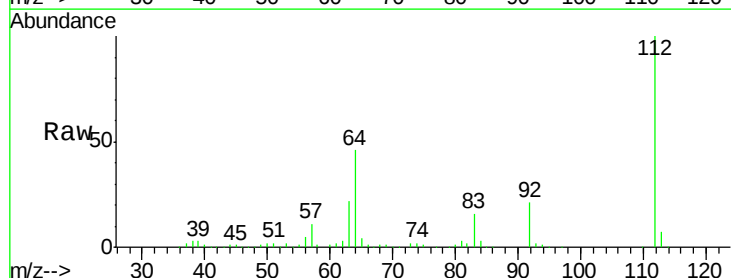
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



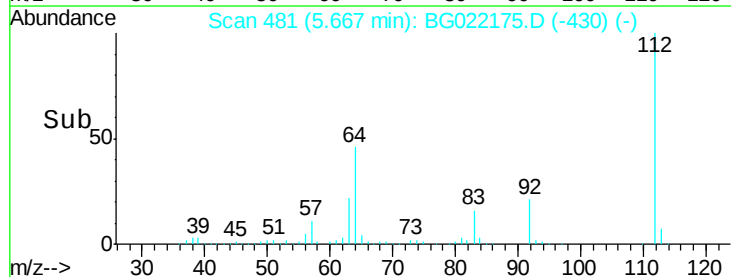
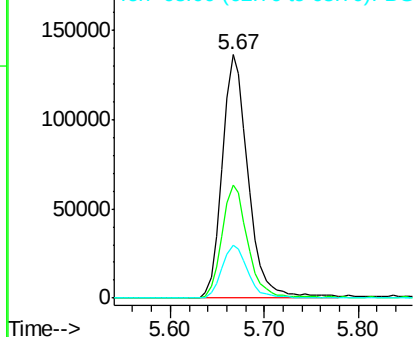
#5

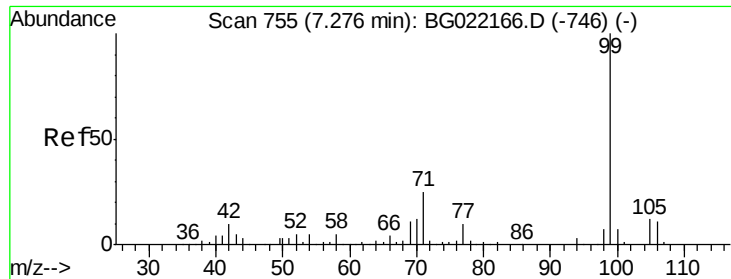
2-Fluorophenol  
Concen: 185.03 ng  
RT: 5.67 min Scan# 481  
Delta R.T. 0.00 min  
Lab File: BG022175.D  
Acq: 6 Jun 2016 19:04

Tgt Ion:112 Resp: 262233  
Ion Ratio Lower Upper  
112 100  
64 46.5 51.1 76.7#  
63 21.9 24.6 37.0#



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BGC  
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 168.65 ng

RT: 7.28 min Scan# 755

Delta R.T. 0.00 min

Lab File: BG022175.D

Acq: 6 Jun 2016 19:04

Instrument :

BNA\_G

ClientSampled :

SB-13

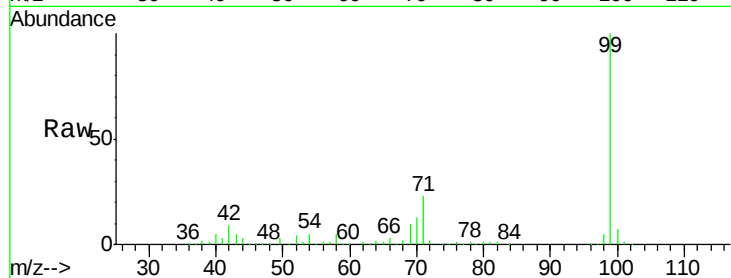
Tgt Ion: 99 Resp: 375805

Ion Ratio Lower Upper

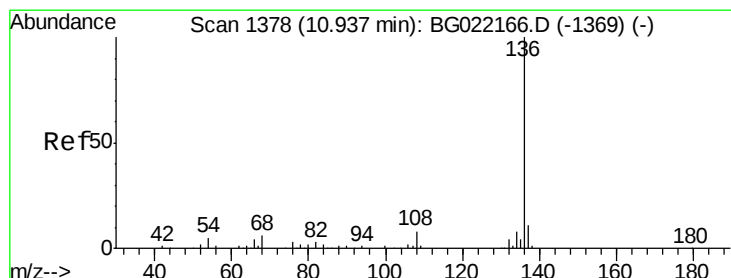
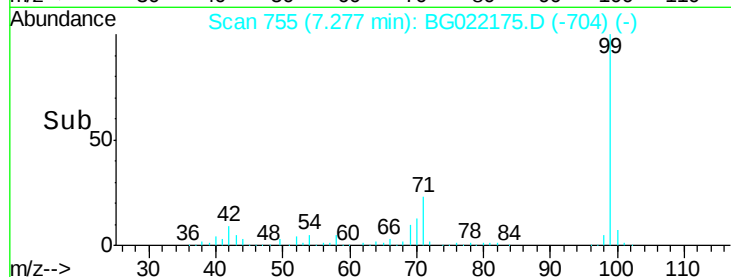
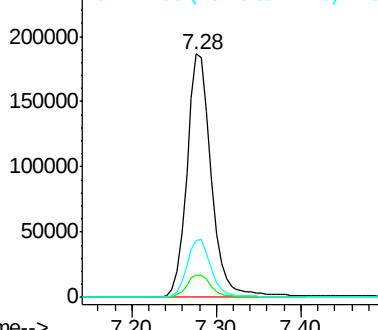
99 100

42 9.1 16.4 24.6#

71 23.4 25.0 37.4#



Abundance Ion 99.00 (98.70 to 99.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.94 min Scan# 1379

Delta R.T. 0.01 min

Lab File: BG022175.D

Acq: 6 Jun 2016 19:04

Tgt Ion: 136 Resp: 125730

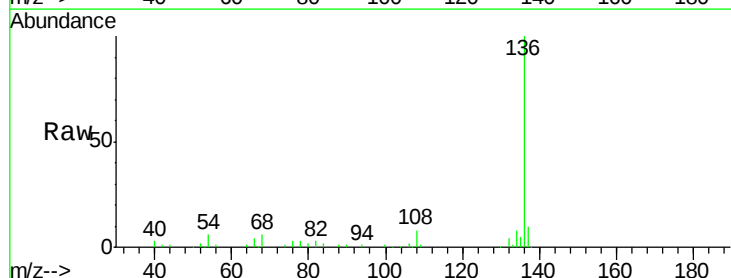
Ion Ratio Lower Upper

136 100

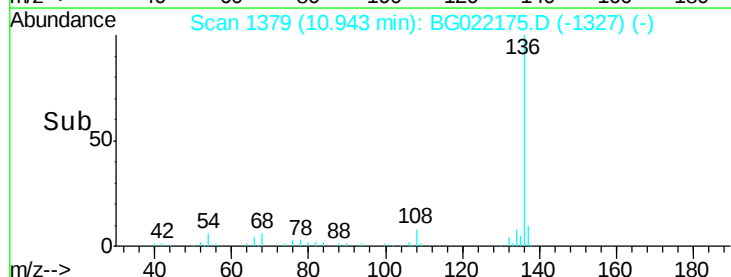
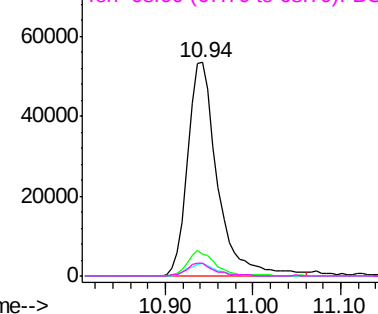
137 10.3 9.0 13.4

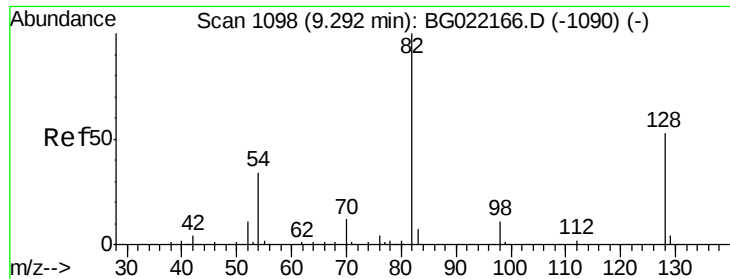
54 6.0 9.6 14.4#

68 6.1 6.4 9.6#



Abundance Ion 136.00 (135.70 to 136.70): BGC  
Ion 137.00 (136.70 to 137.70): BGC  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

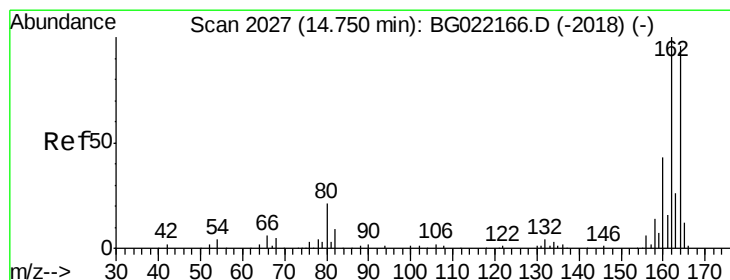
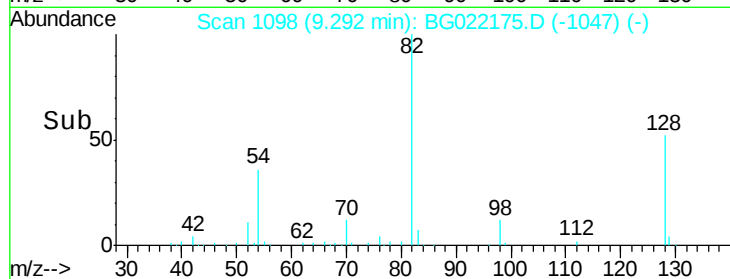
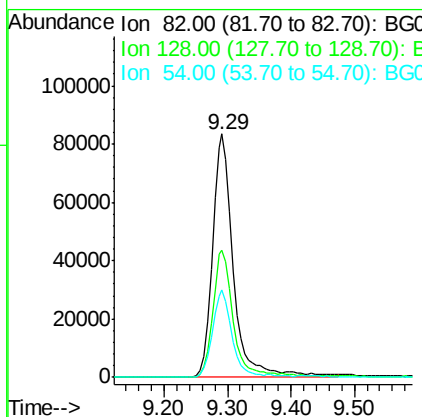
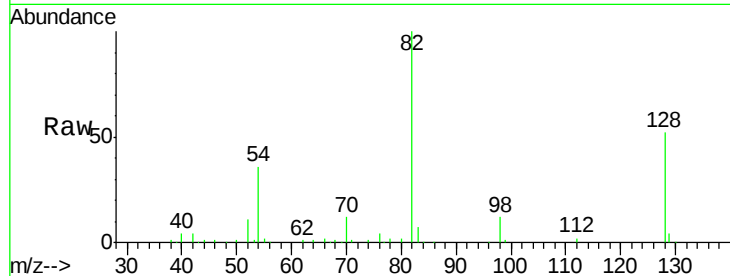




#23  
 Nitrobenzene-d5  
 Concen: 107.94 ng  
 RT: 9.29 min Scan# 1098  
 Delta R.T. 0.00 min  
 Lab File: BG022175.D  
 Acq: 6 Jun 2016 19:04

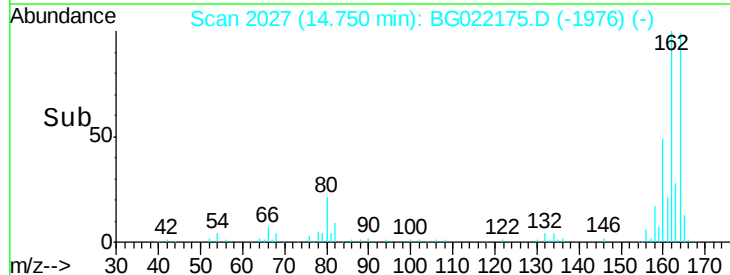
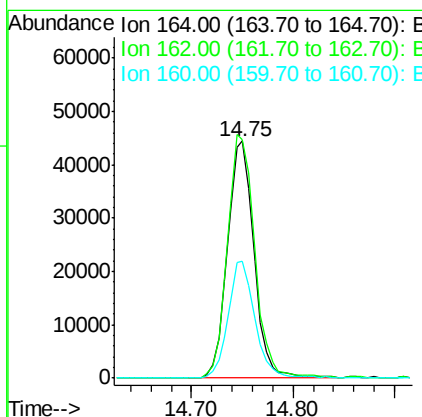
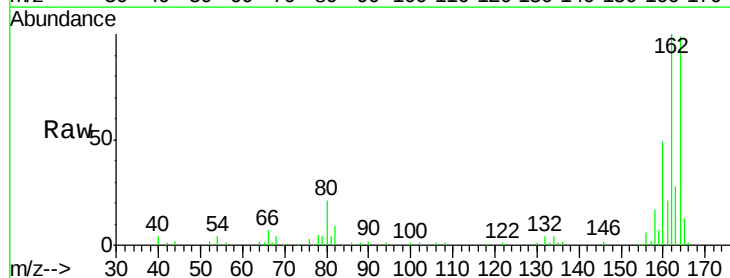
Instrument :  
 BNA\_G  
 ClientSampled :  
 SB-13

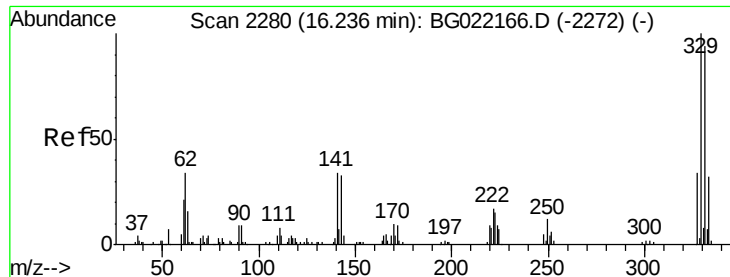
Tgt Ion: 82 Resp: 194669  
 Ion Ratio Lower Upper  
 82 100  
 128 52.3 33.4 50.0#  
 54 36.1 46.1 69.1#



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 14.75 min Scan# 2027  
 Delta R.T. 0.00 min  
 Lab File: BG022175.D  
 Acq: 6 Jun 2016 19:04

Tgt Ion: 164 Resp: 80524  
 Ion Ratio Lower Upper  
 164 100  
 162 100.6 78.0 117.0  
 160 49.1 32.9 49.3

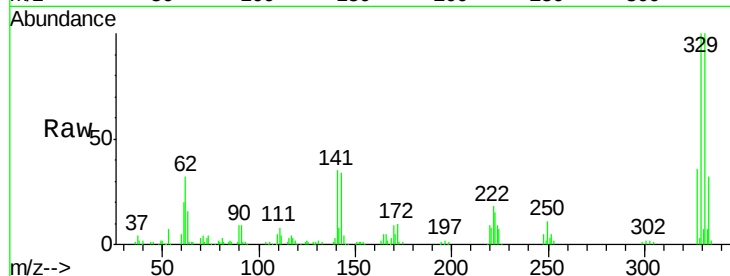




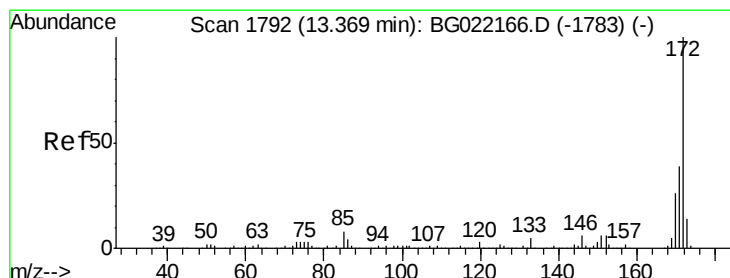
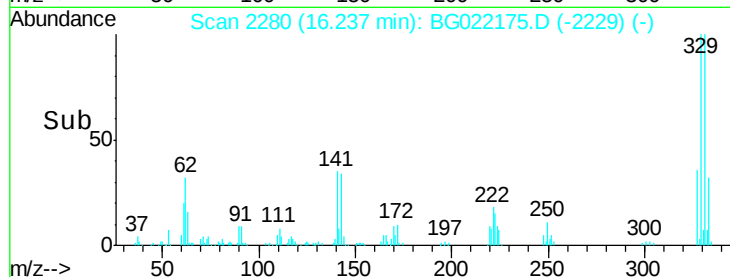
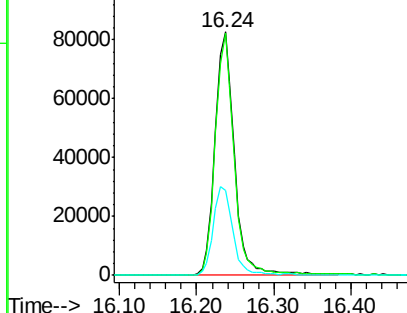
#41  
 2,4,6-Tribromophenol  
 Concen: 158.25 ng  
 RT: 16.24 min Scan# 2280  
 Delta R.T. 0.00 min  
 Lab File: BG022175.D  
 Acq: 6 Jun 2016 19:04

Instrument :  
 BNA\_G  
 ClientSampled :  
 SB-13

Tgt Ion:330 Resp: 143992  
 Ion Ratio Lower Upper  
 330 100  
 332 96.0 78.0 117.0  
 141 36.5 33.8 50.8

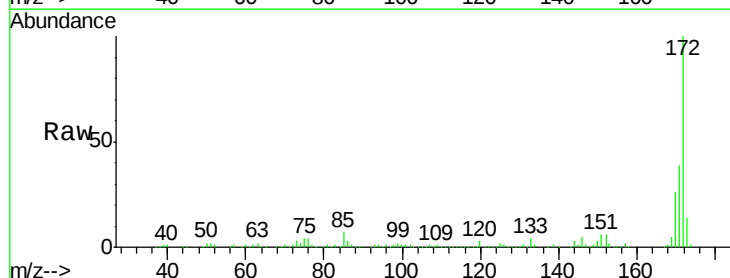


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

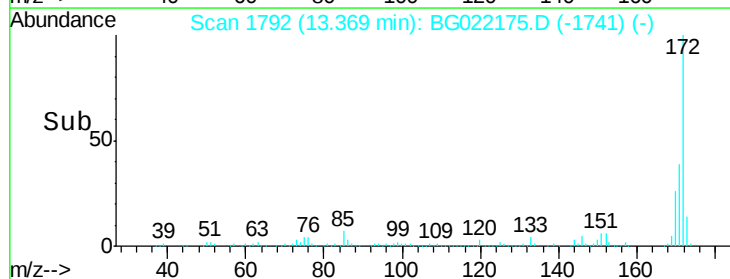
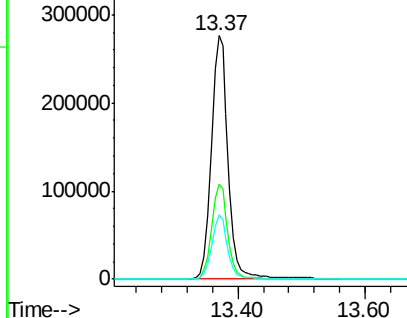


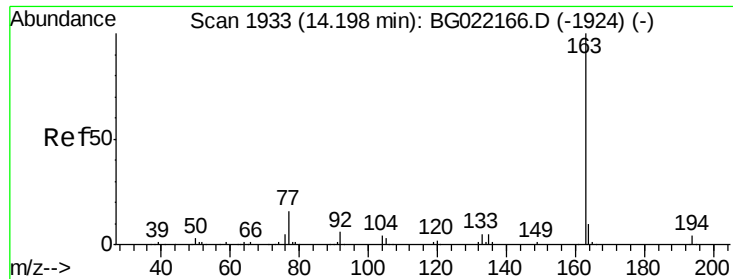
#44  
 2-Fluorobiphenyl  
 Concen: 97.55 ng  
 RT: 13.37 min Scan# 1792  
 Delta R.T. 0.00 min  
 Lab File: BG022175.D  
 Acq: 6 Jun 2016 19:04

Tgt Ion:172 Resp: 515446  
 Ion Ratio Lower Upper  
 172 100  
 171 39.1 27.8 41.6  
 170 26.3 19.6 29.4



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: 7.57 ng

RT: 14.19 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BG022175.D

Acq: 6 Jun 2016 19:04

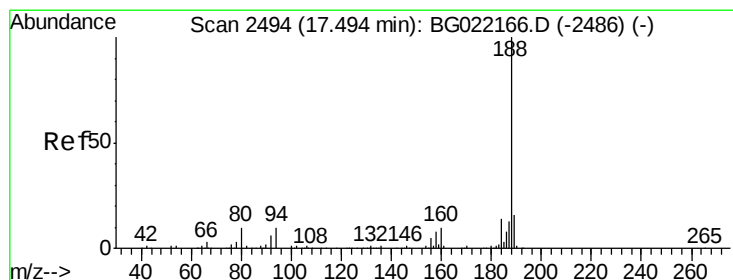
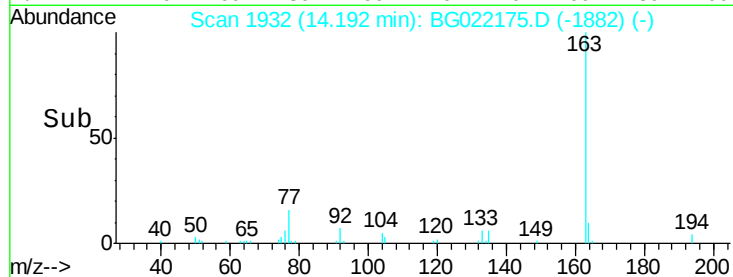
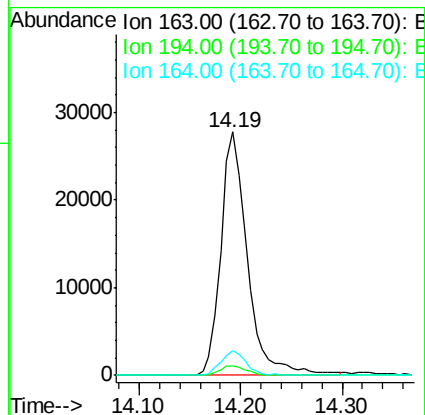
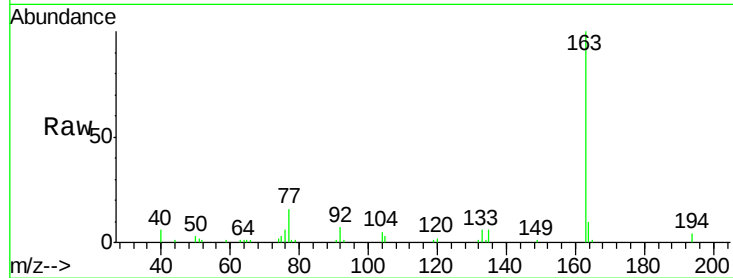
Instrument :

BNA\_G

ClientSampleId :

SB-13

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 163   | Resp: | 50538 |
| Ion      | Ratio | Lower | Upper |
| 163      | 100   |       |       |
| 194      | 3.8   | 3.0   | 4.6   |
| 164      | 10.1  | 8.1   | 12.1  |



#63

Phenanthrene-d10

Concen: 20.00 ng

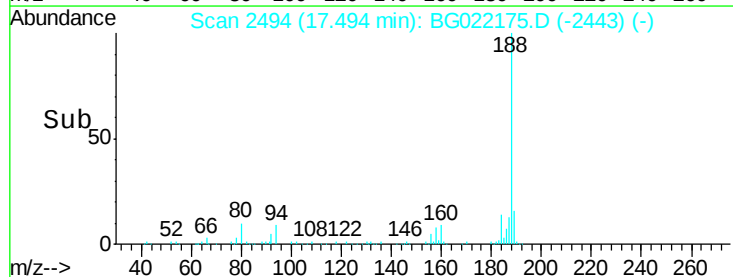
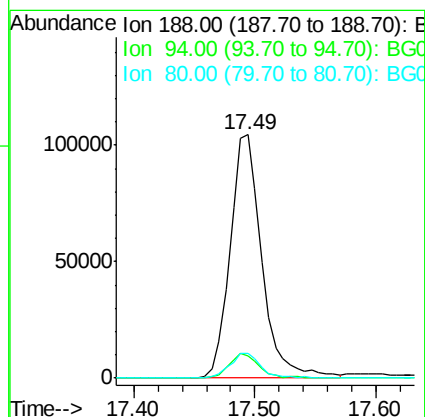
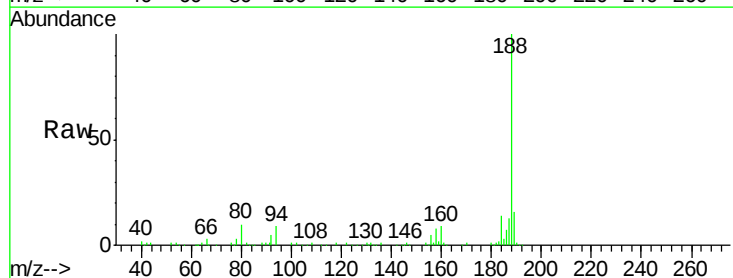
RT: 17.49 min Scan# 2494

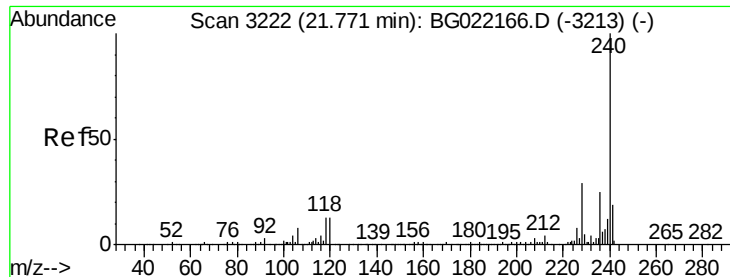
Delta R.T. 0.00 min

Lab File: BG022175.D

Acq: 6 Jun 2016 19:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 190837 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 9.3   | 7.5   | 11.3   |
| 80       | 10.1  | 8.6   | 13.0   |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.77 min Scan# 3221

Delta R.T. -0.01 min

Lab File: BG022175.D

Acq: 6 Jun 2016 19:04

Instrument :

BNA\_G

ClientSampleId :

SB-13

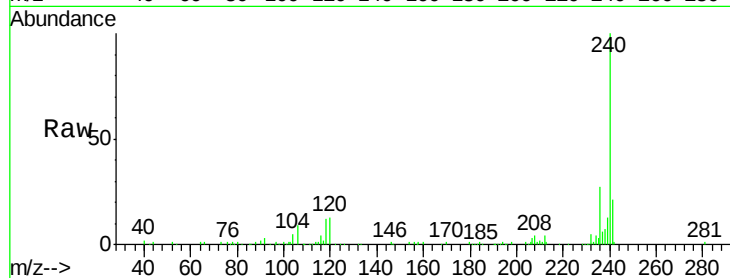
Tgt Ion:240 Resp: 193477

Ion Ratio Lower Upper

240 100

120 12.6 8.4 12.6#

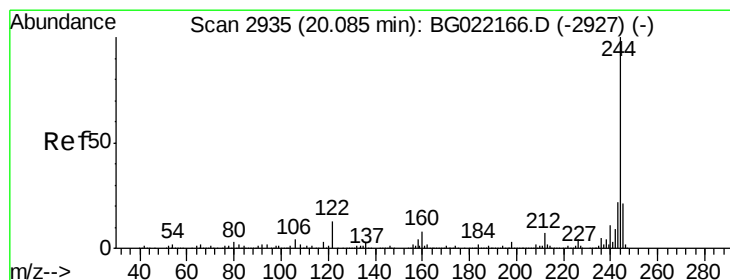
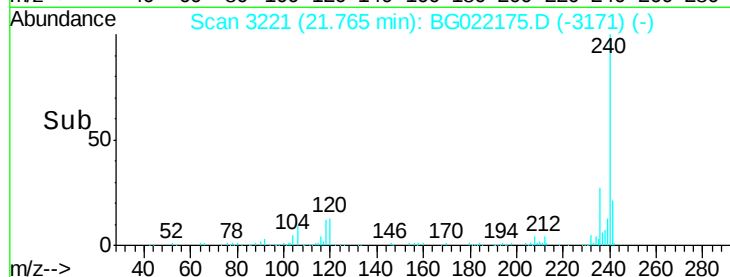
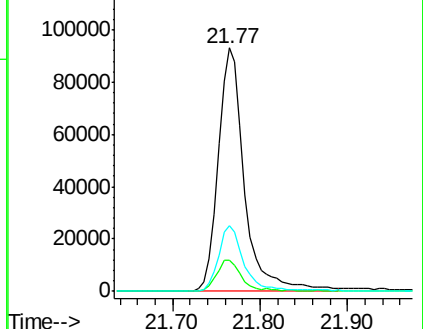
236 26.8 19.6 29.4



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: 96.74 ng

RT: 20.09 min Scan# 2935

Delta R.T. 0.00 min

Lab File: BG022175.D

Acq: 6 Jun 2016 19:04

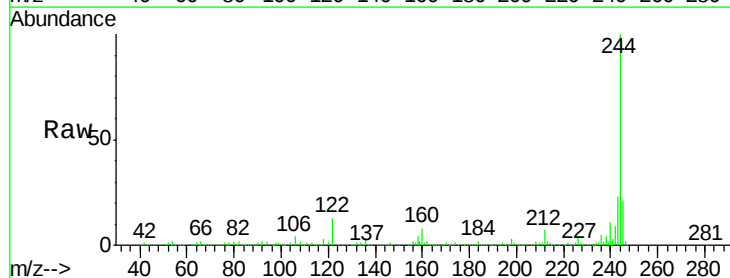
Tgt Ion:244 Resp: 788390

Ion Ratio Lower Upper

244 100

212 7.2 6.5 9.7

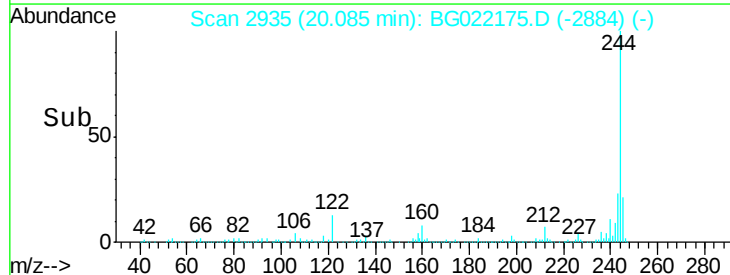
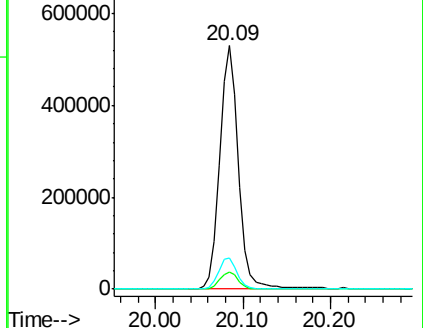
122 12.8 8.6 12.8

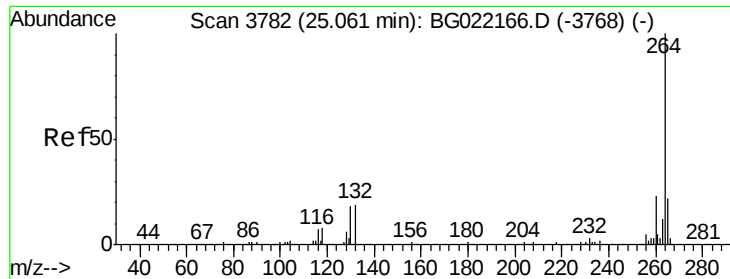


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

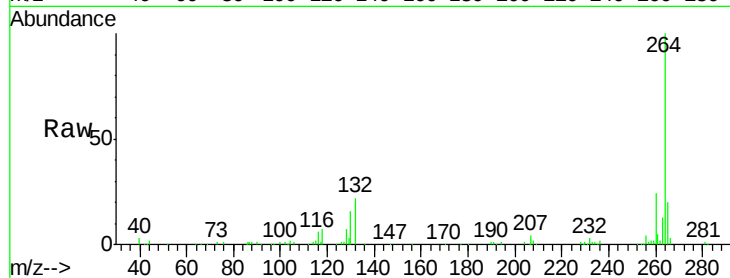




#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 25.06 min Scan# 3782  
Delta R.T. 0.00 min  
Lab File: BG022175.D  
Acq: 6 Jun 2016 19:04

Instrument :  
BNA\_G  
ClientSampleId :  
SB-13

Tgt Ion: 264 Resp: 189511  
Ion Ratio Lower Upper  
264 100  
260 23.5 20.2 30.4  
265 19.6 17.8 26.8



Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E

