

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG042415\  
 Data File : BG016689.D  
 Acq On : 24 Apr 2015 18:45  
 Operator : TP/IZ  
 Sample : G1992-04  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TEC06

Quant Time: Apr 24 23:15:35 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG042315.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 24 22:57:52 2015  
 Response via : Initial Calibration

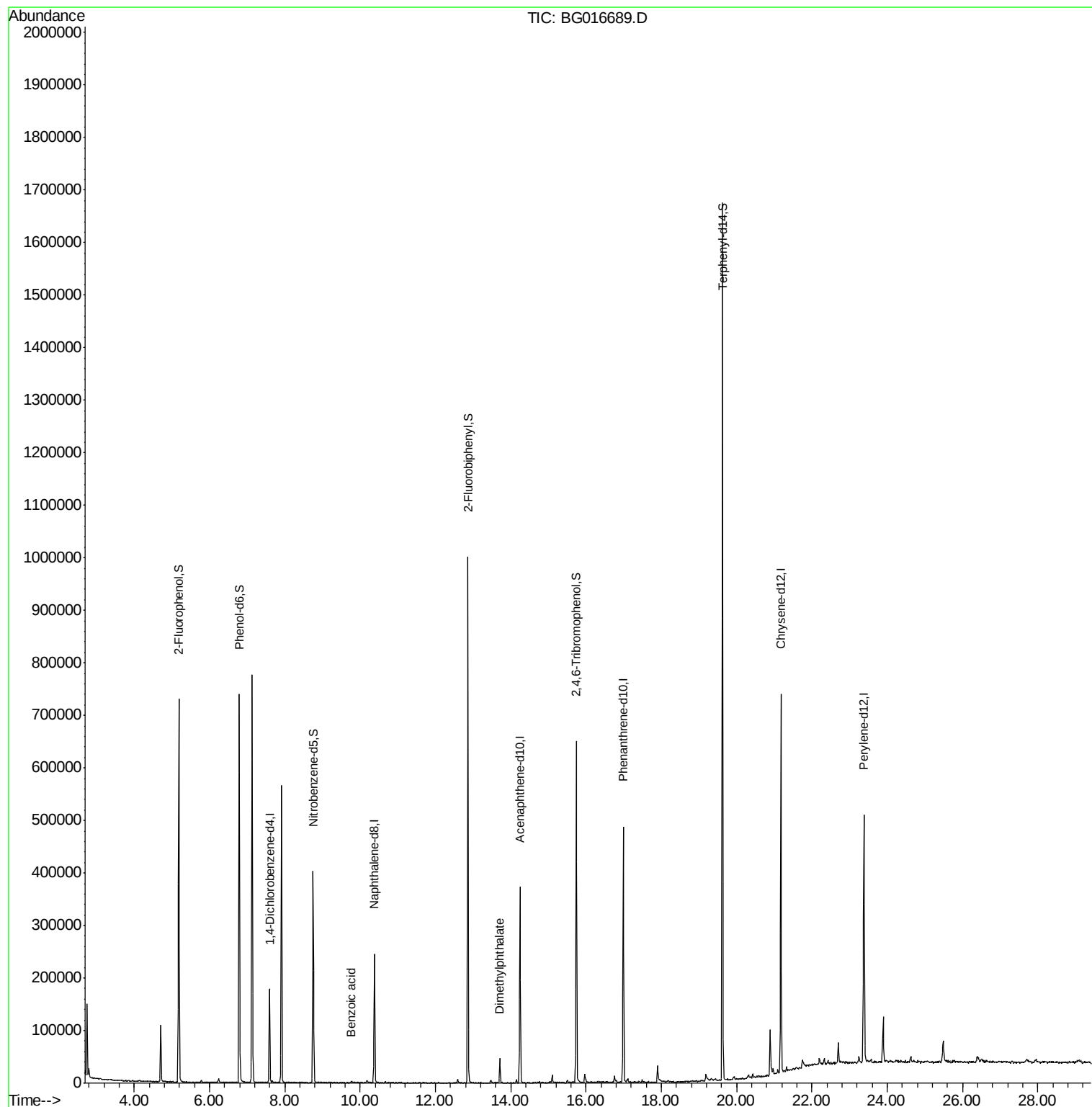
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)    |
|-----------------------------|-------|------|----------|--------|-------|-------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.59  | 152  | 51151    | 20.00  | ng    | 0.00        |
| 21) Naphthalene-d8          | 10.38 | 136  | 217067   | 20.00  | ng    | 0.00        |
| 38) Acenaphthene-d10        | 14.25 | 164  | 121072   | 20.00  | ng    | 0.00        |
| 63) Phenanthrene-d10        | 16.99 | 188  | 264063   | 20.00  | ng    | 0.00        |
| 75) Chrysene-d12            | 21.18 | 240  | 275260   | 20.00  | ng    | 0.00        |
| 86) Perylene-d12            | 23.38 | 264  | 263580   | 20.00  | ng    | 0.00        |
| System Monitoring Compounds |       |      |          |        |       |             |
| 5) 2-Fluorophenol           | 5.19  | 112  | 348522   | 110.57 | ng    | 0.00        |
| 7) Phenol-d6                | 6.79  | 99   | 484013   | 109.45 | ng    | 0.00        |
| 23) Nitrobenzene-d5         | 8.75  | 82   | 237472   | 69.13  | ng    | 0.00        |
| 41) 2,4,6-Tribromophenol    | 15.74 | 330  | 97340    | 108.37 | ng    | 0.00        |
| 44) 2-Fluorobiphenyl        | 12.86 | 172  | 506933   | 67.27  | ng    | 0.00        |
| 78) Terphenyl-d14           | 19.63 | 244  | 659761   | 55.21  | ng    | 0.00        |
| Target Compounds            |       |      |          |        |       |             |
| 32) Benzoic acid            | 9.75  | 122  | 74       | 8.89   | ng    | Qvalue # 61 |
| 49) Dimethylphthalate       | 13.71 | 163  | 31750    | 3.51   | ng    | 98          |

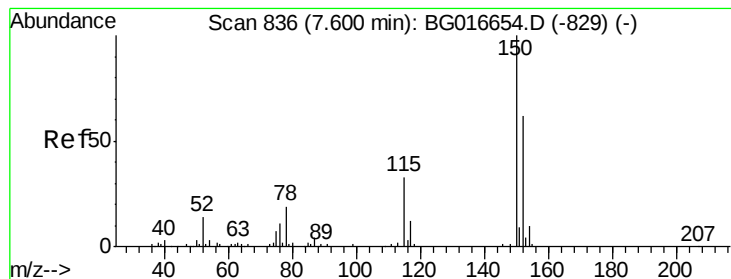
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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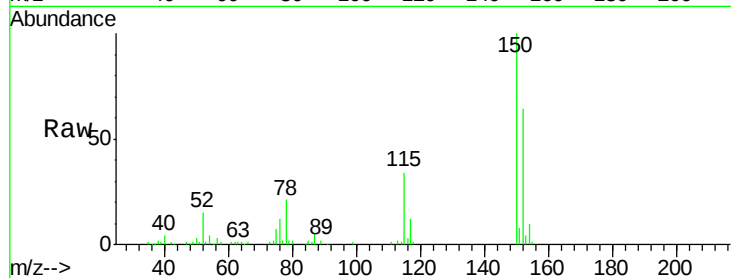


#1

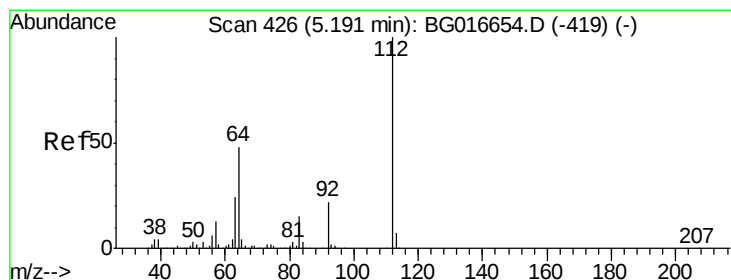
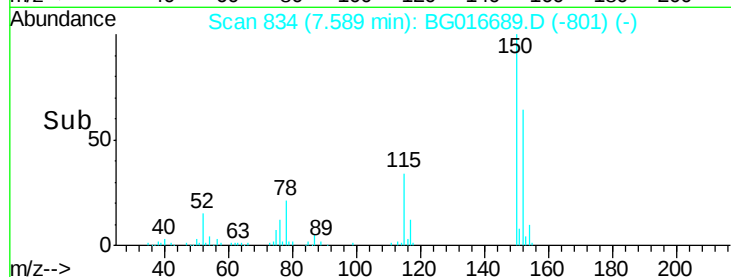
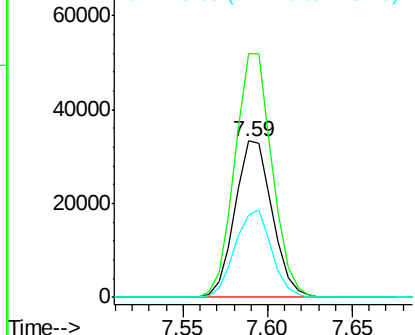
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.59 min Scan# 834  
Delta R.T. -0.00 min  
Lab File: BG016689.D  
Acq: 24 Apr 2015 18:45

Instrument :  
BNA\_G  
ClientSampleId :  
TEC06

Tgt Ion:152 Resp: 51151  
Ion Ratio Lower Upper  
152 100  
150 156.0 129.6 194.4  
115 52.8 43.0 64.6



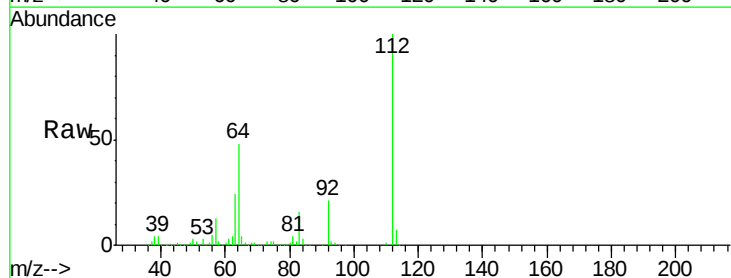
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



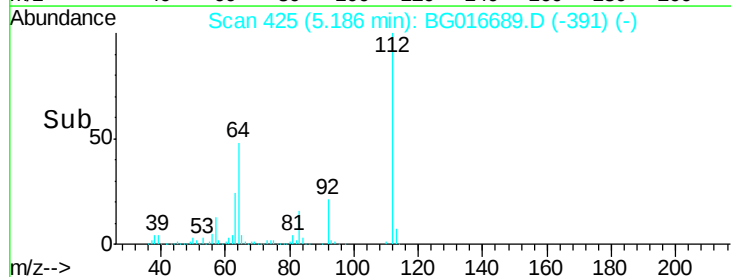
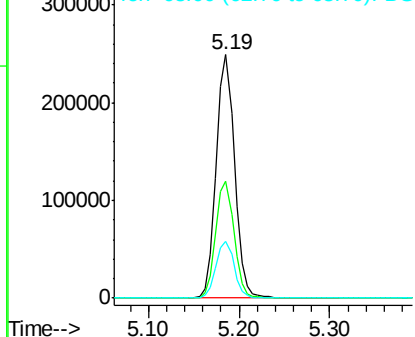
#5

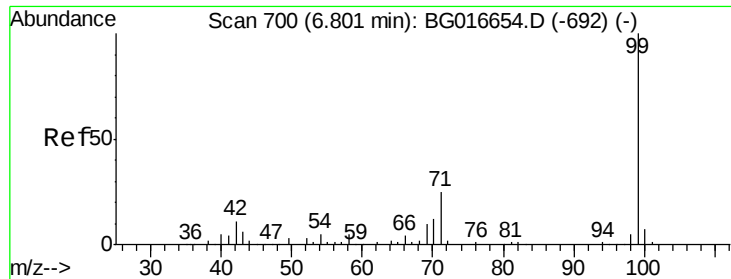
2-Fluorophenol  
Concen: 110.57 ng  
RT: 5.19 min Scan# 425  
Delta R.T. 0.00 min  
Lab File: BG016689.D  
Acq: 24 Apr 2015 18:45

Tgt Ion:112 Resp: 348522  
Ion Ratio Lower Upper  
112 100  
64 47.8 38.3 57.5  
63 23.5 18.9 28.3



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: 109.45 ng

RT: 6.79 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG016689.D

Acq: 24 Apr 2015 18:45

Instrument :

BNA\_G

ClientSampleId :

TEC06

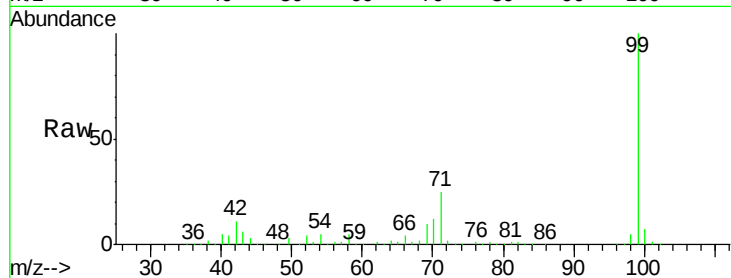
Tgt Ion: 99 Resp: 484013

Ion Ratio Lower Upper

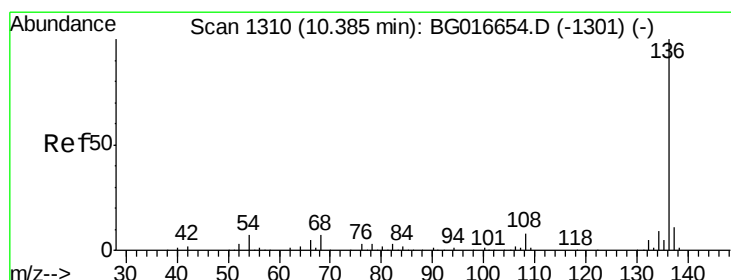
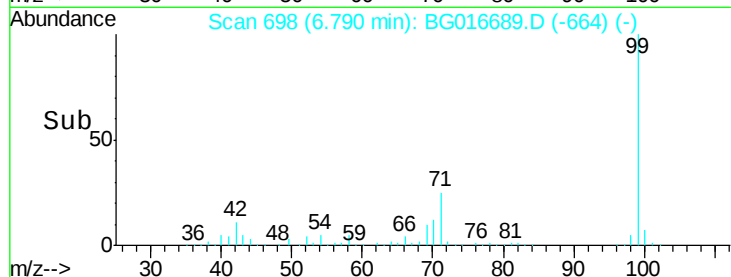
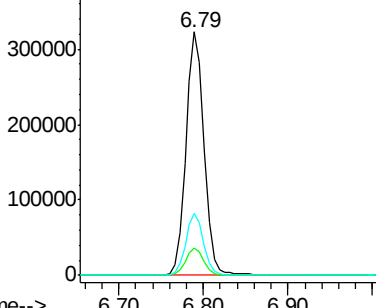
99 100

42 11.4 8.8 13.2

71 25.3 19.9 29.9



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: 10.38 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BG016689.D

Acq: 24 Apr 2015 18:45

Tgt Ion: 136 Resp: 217067

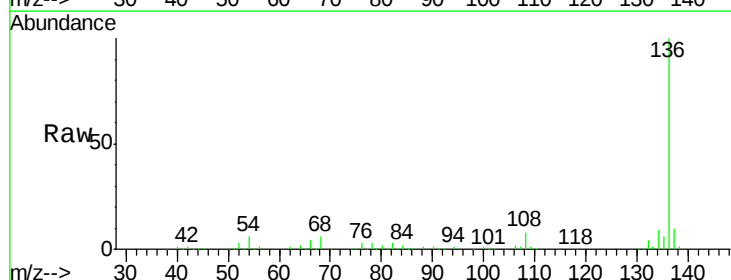
Ion Ratio Lower Upper

136 100

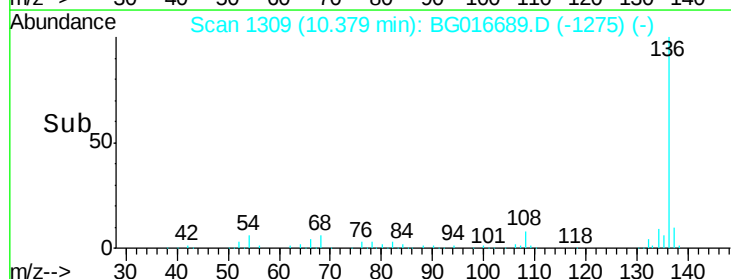
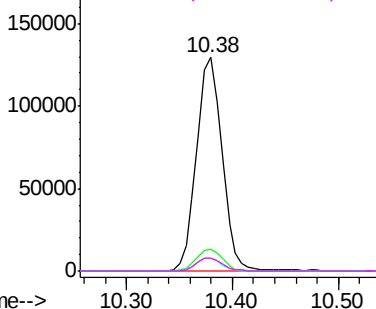
137 10.1 8.5 12.7

54 6.1 5.4 8.2

68 6.2 5.2 7.8



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

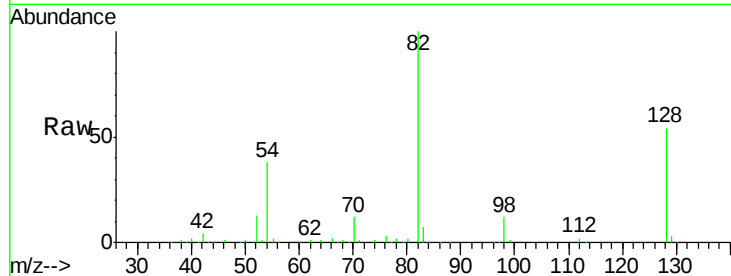




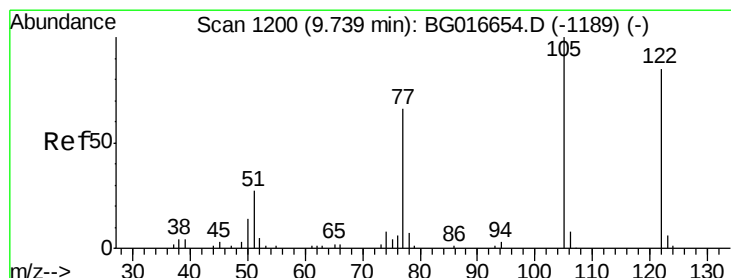
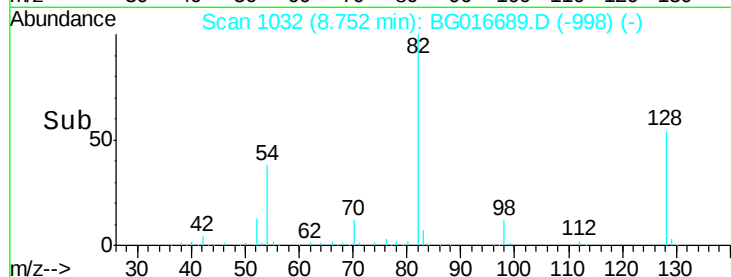
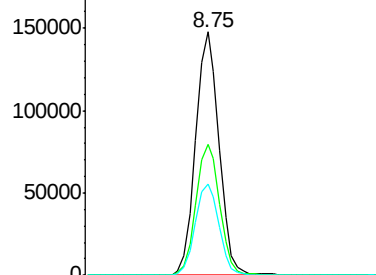
#23  
 Nitrobenzene-d5  
 Concen: 69.13 ng  
 RT: 8.75 min Scan# 1032  
 Delta R.T. 0.00 min  
 Lab File: BG016689.D  
 Acq: 24 Apr 2015 18:45

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TEC06

Tgt Ion: 82 Resp: 237472  
 Ion Ratio Lower Upper  
 82 100  
 128 54.0 44.7 67.1  
 54 37.7 30.9 46.3

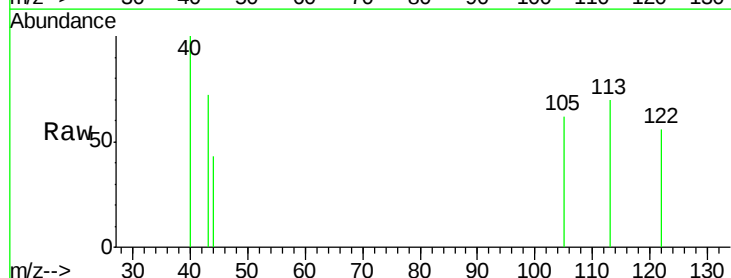


Abundance Ion 82.00 (81.70 to 82.70): BGC  
 Ion 128.00 (127.70 to 128.70): BGC  
 Ion 54.00 (53.70 to 54.70): BGC

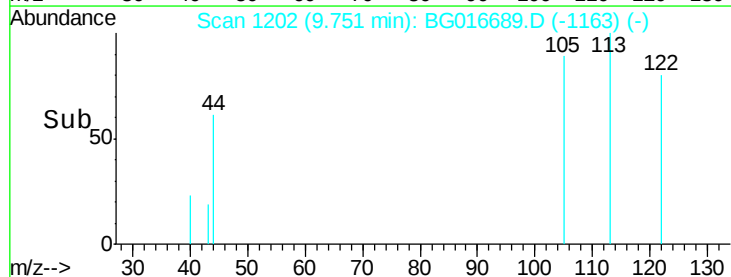
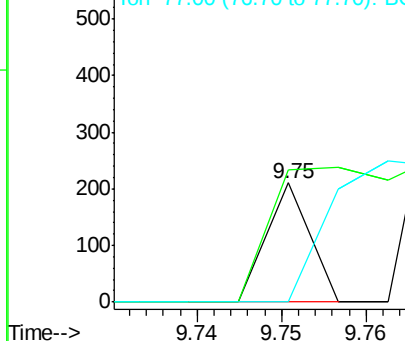


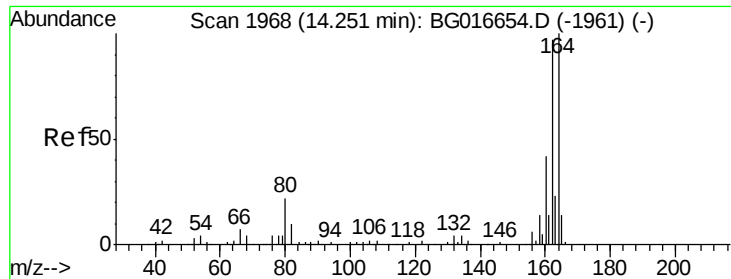
#32  
 Benzoic acid  
 Concen: 8.89 ng  
 RT: 9.75 min Scan# 1202  
 Delta R.T. 0.03 min  
 Lab File: BG016689.D  
 Acq: 24 Apr 2015 18:45

Tgt Ion: 122 Resp: 74  
 Ion Ratio Lower Upper  
 122 100  
 105 111.0 97.2 137.2  
 77 0.0 58.4 98.4#



Abundance Ion 122.00 (121.70 to 122.70): BGC  
 Ion 105.00 (104.70 to 105.70): BGC  
 Ion 77.00 (76.70 to 77.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.25 min Scan# 1967

Delta R.T. -0.00 min

Lab File: BG016689.D

Acq: 24 Apr 2015 18:45

Instrument :

BNA\_G

ClientSampleId :

TEC06

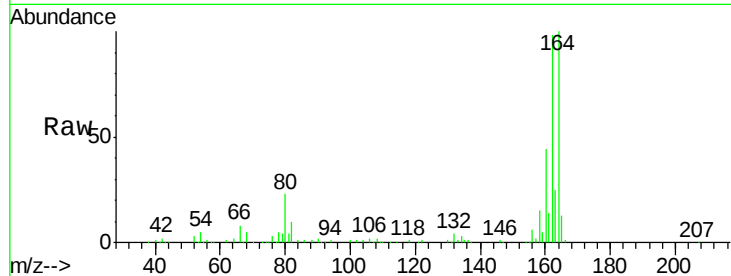
Tgt Ion:164 Resp: 121072

Ion Ratio Lower Upper

164 100

162 98.4 77.3 115.9

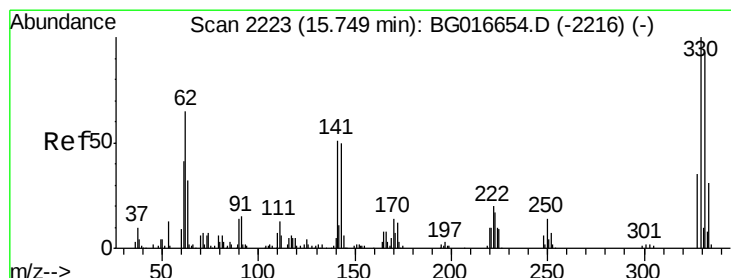
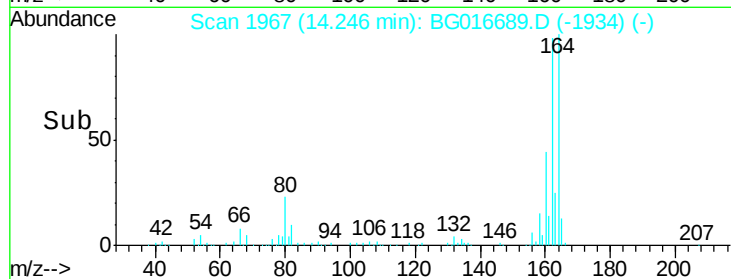
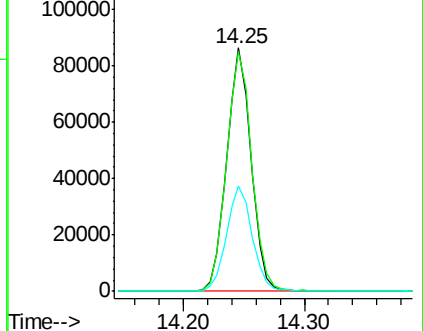
160 43.5 33.7 50.5



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: 108.37 ng

RT: 15.74 min Scan# 2222

Delta R.T. 0.00 min

Lab File: BG016689.D

Acq: 24 Apr 2015 18:45

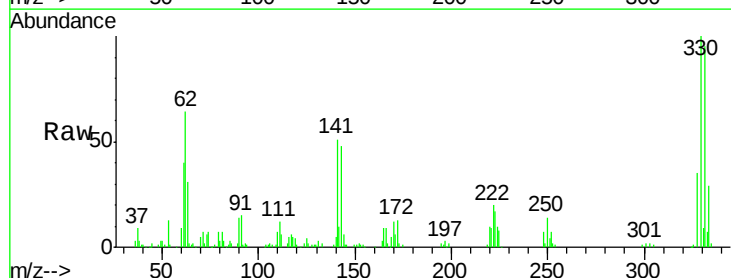
Tgt Ion:330 Resp: 97340

Ion Ratio Lower Upper

330 100

332 95.1 76.2 114.4

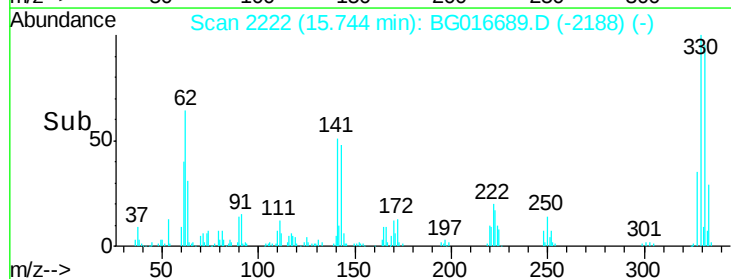
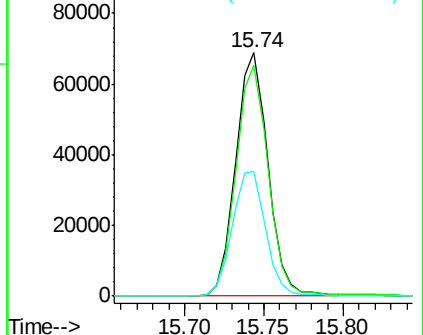
141 53.1 43.0 64.6

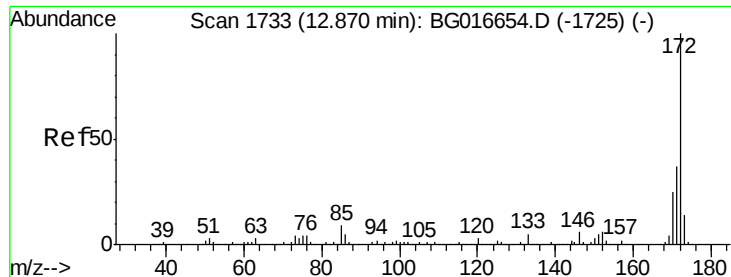


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

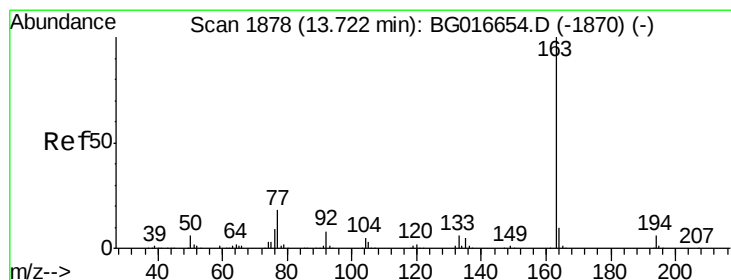
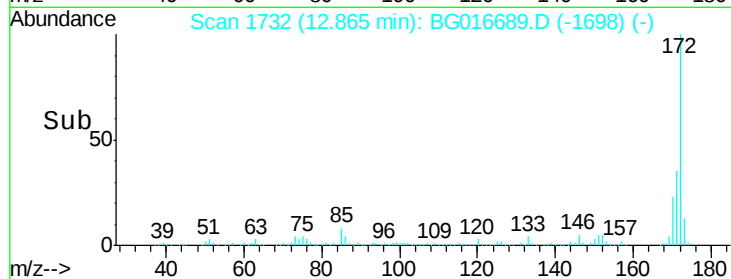
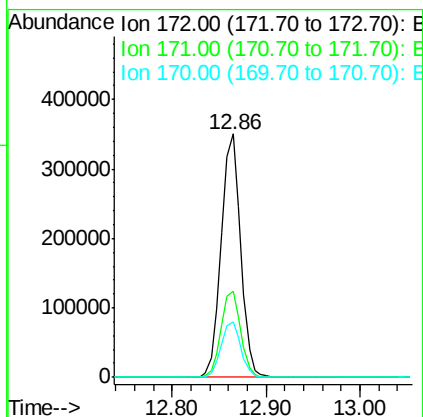
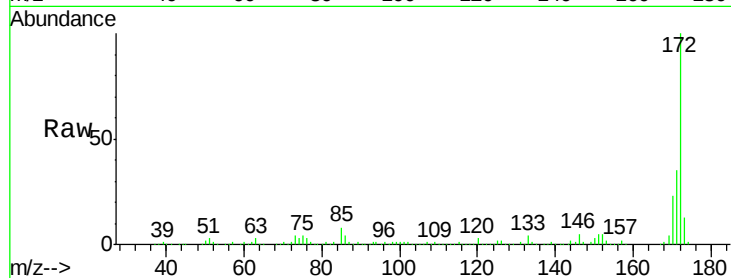




#44  
 2-Fluorobiphenyl  
 Concen: 67.27 ng  
 RT: 12.86 min Scan# 1732  
 Delta R.T. 0.00 min  
 Lab File: BG016689.D  
 Acq: 24 Apr 2015 18:45

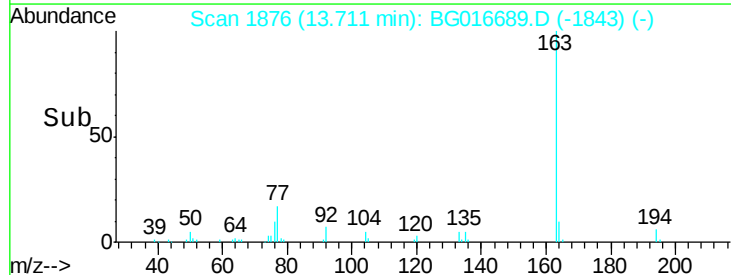
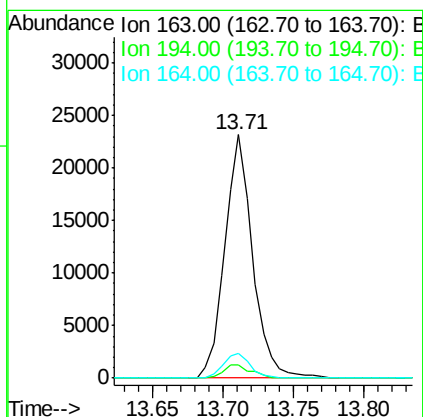
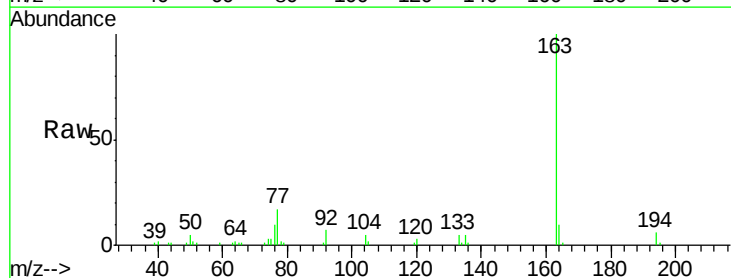
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TEC06

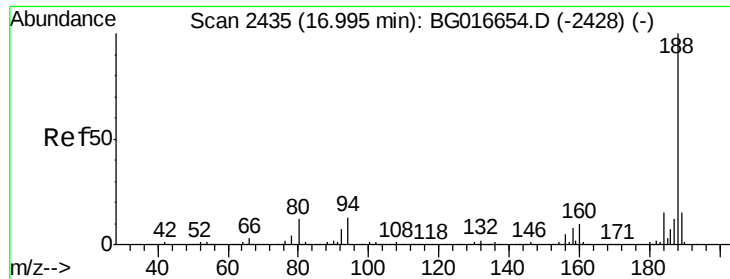
Tgt Ion:172 Resp: 506933  
 Ion Ratio Lower Upper  
 172 100  
 171 35.4 29.9 44.9  
 170 23.0 19.8 29.8



#49  
 Dimethylphthalate  
 Concen: 3.51 ng  
 RT: 13.71 min Scan# 1876  
 Delta R.T. -0.00 min  
 Lab File: BG016689.D  
 Acq: 24 Apr 2015 18:45

Tgt Ion:163 Resp: 31750  
 Ion Ratio Lower Upper  
 163 100  
 194 5.5 5.0 7.4  
 164 10.3 7.8 11.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.99 min Scan# 2434

Delta R.T. -0.00 min

Lab File: BG016689.D

Acq: 24 Apr 2015 18:45

Instrument :

BNA\_G

ClientSampled :

TEC06

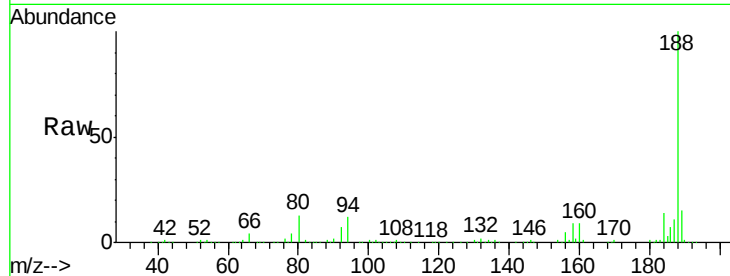
Tgt Ion:188 Resp: 264063

Ion Ratio Lower Upper

188 100

94 11.9 10.7 16.1

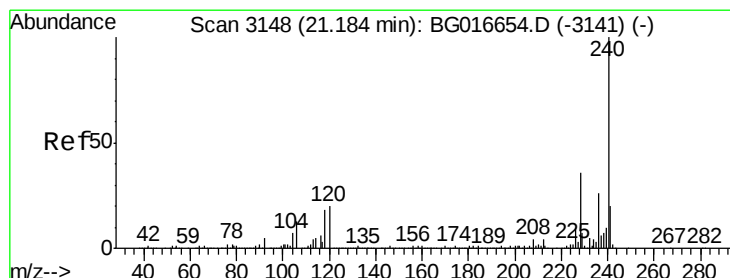
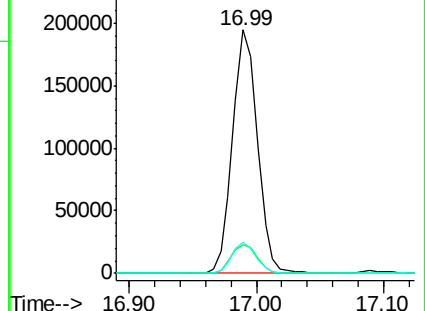
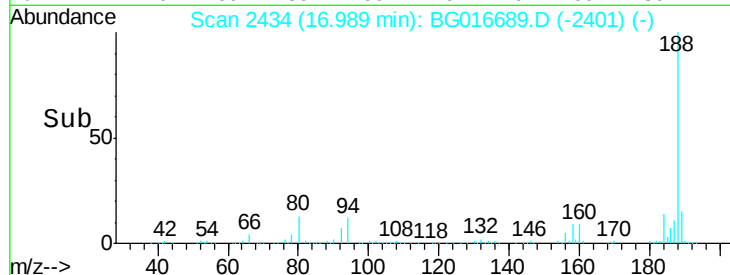
80 12.8 9.9 14.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.18 min Scan# 3147

Delta R.T. -0.00 min

Lab File: BG016689.D

Acq: 24 Apr 2015 18:45

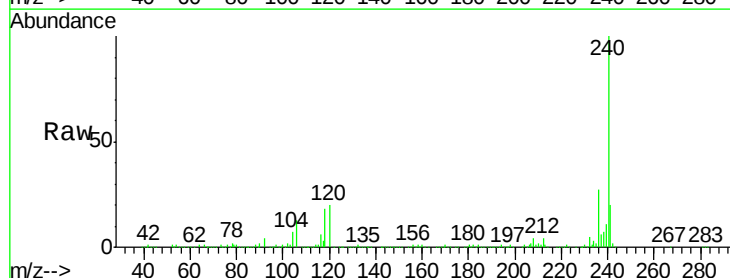
Tgt Ion:240 Resp: 275260

Ion Ratio Lower Upper

240 100

120 20.0 16.3 24.5

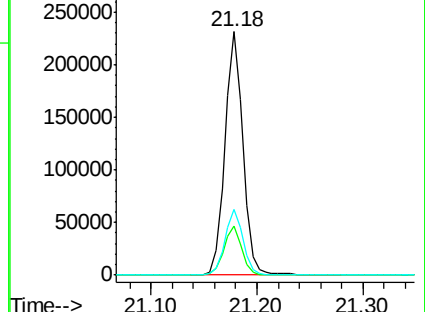
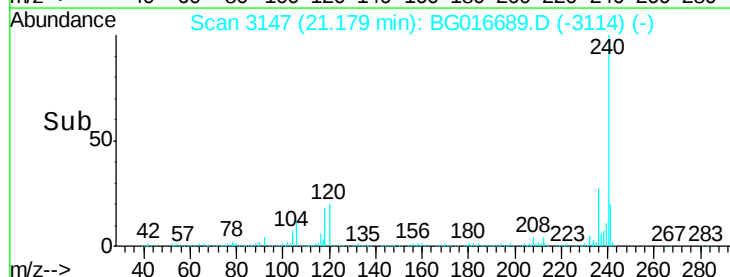
236 26.8 21.1 31.7

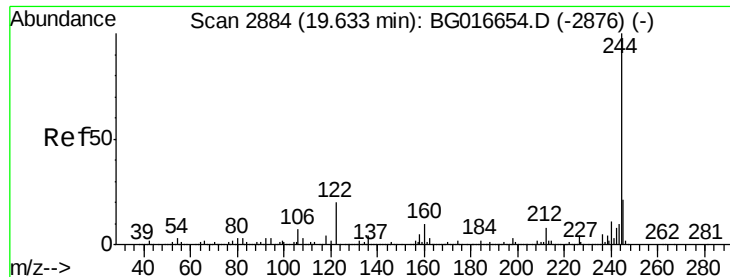


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 55.21 ng

RT: 19.63 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG016689.D

Acq: 24 Apr 2015 18:45

Instrument :

BNA\_G

ClientSampleId :

TEC06

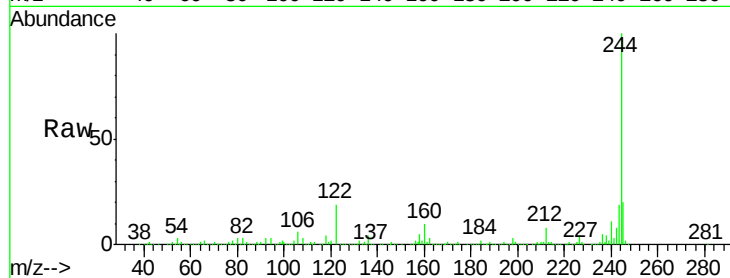
Tgt Ion:244 Resp: 659761

Ion Ratio Lower Upper

244 100

212 7.8 6.4 9.6

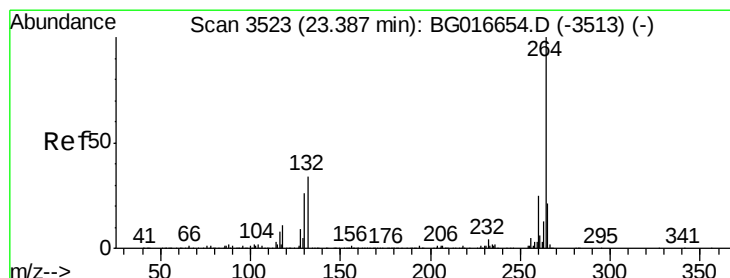
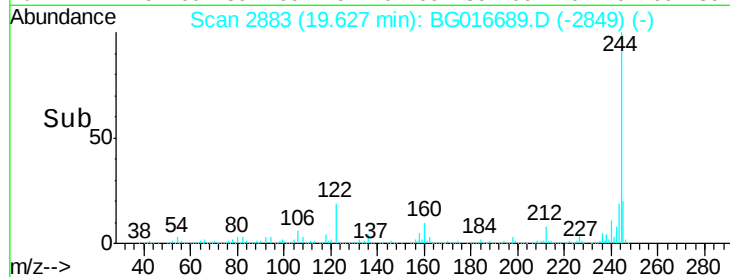
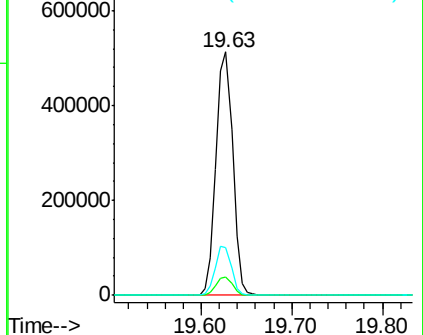
122 19.4 15.9 23.9



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: 23.38 min Scan# 3522

Delta R.T. -0.00 min

Lab File: BG016689.D

Acq: 24 Apr 2015 18:45

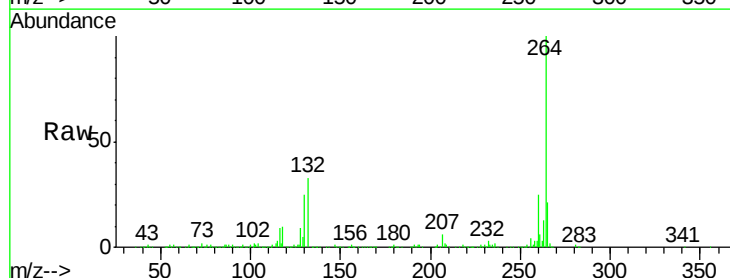
Tgt Ion:264 Resp: 263580

Ion Ratio Lower Upper

264 100

260 24.8 20.0 30.0

265 21.4 16.8 25.2



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

