

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG042315\  
 Data File : BG016676.D  
 Acq On : 24 Apr 2015 6:42  
 Operator : TP/IZ  
 Sample : G1948-10  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW-52

Quant Time: Apr 24 07:38:48 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 04:29:05 2015  
 Response via : Initial Calibration

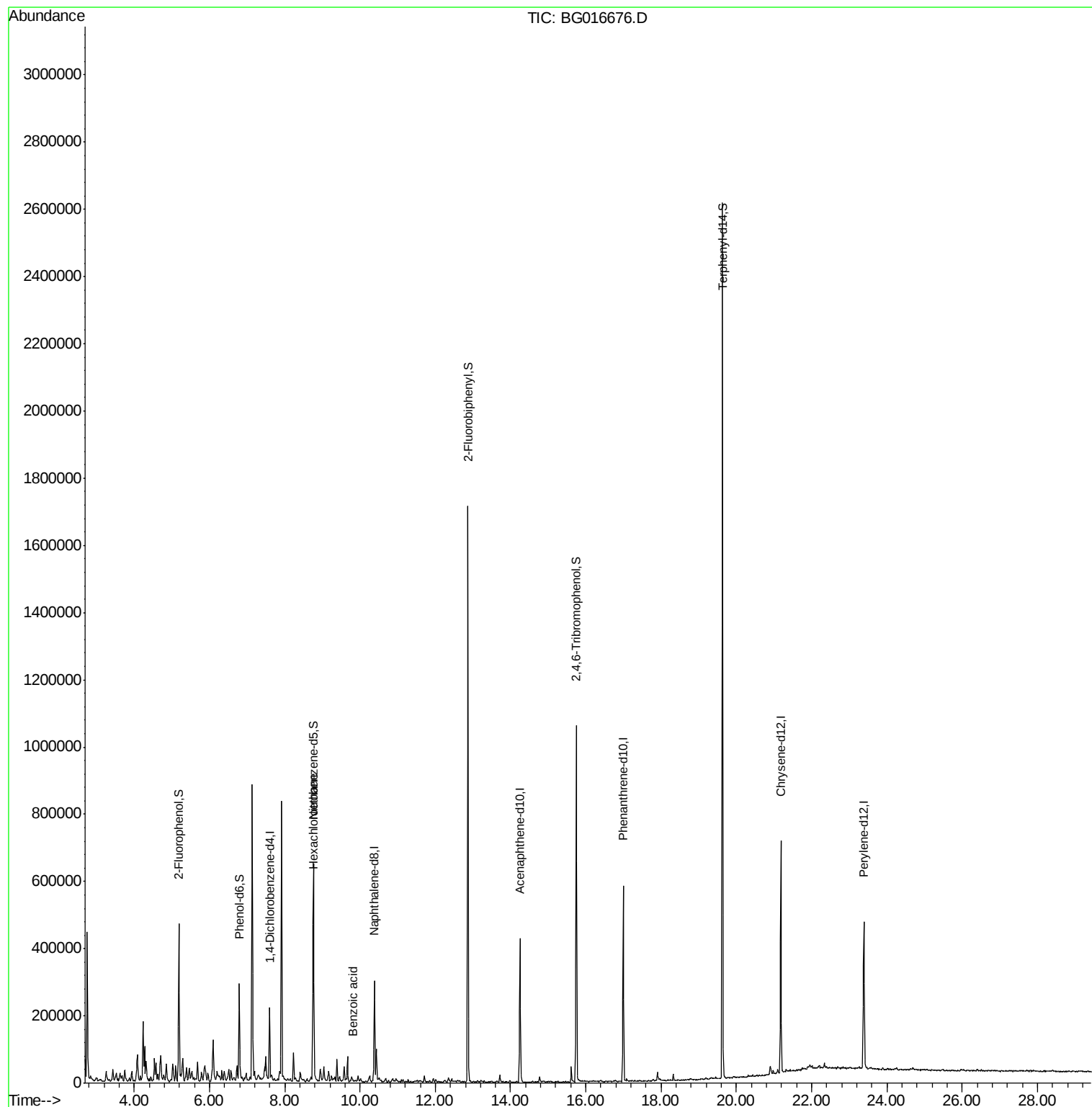
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.60  | 152  | 57681    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.38 | 136  | 251368   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 14.25 | 164  | 142559   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 16.99 | 188  | 301535   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 21.18 | 240  | 285935   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 23.38 | 264  | 258081   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.19  | 112  | 223924   | 63.00  | ng    | 0.00     |
| 7) Phenol-d6                | 6.79  | 99   | 191002   | 38.30  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.75  | 82   | 366228   | 92.06  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 15.75 | 330  | 153011   | 144.68 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 12.87 | 172  | 836691   | 94.30  | ng    | 0.00     |
| 78) Terphenyl-d14           | 19.63 | 244  | 953072   | 76.78  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 18) Hexachloroethane        | 8.77  | 117  | 44928    | 27.44  | ng    | # 7      |
| 32) Benzoic acid            | 9.82  | 122  | 53       | 8.88   | ng    | # 22     |

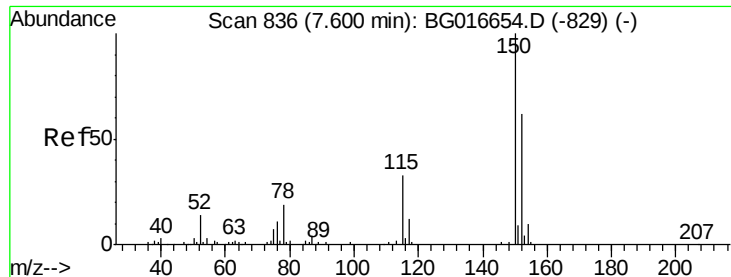
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.60 min Scan# 835

Delta R.T. 0.00 min

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MW-52

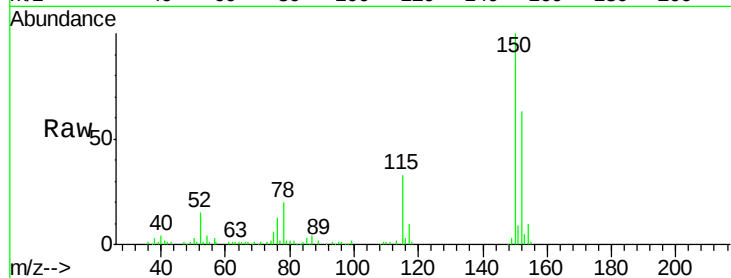
Tgt Ion:152 Resp: 57681

Ion Ratio Lower Upper

152 100

150 158.1 129.6 194.4

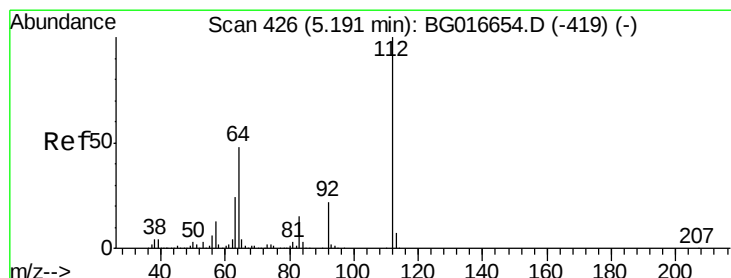
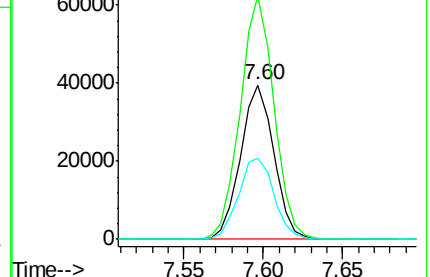
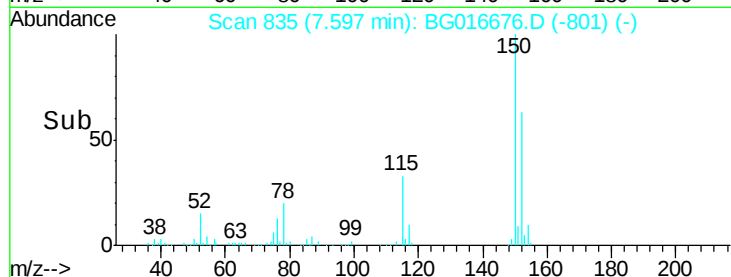
115 52.7 43.0 64.6



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: 63.00 ng

RT: 5.19 min Scan# 425

Delta R.T. -0.00 min

Lab File: BG016676.D

Acq: 24 Apr 2015 6:42

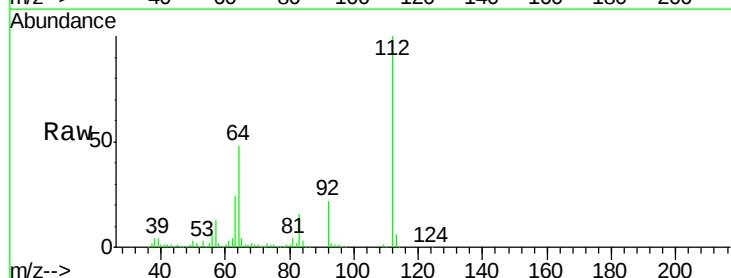
Tgt Ion:112 Resp: 223924

Ion Ratio Lower Upper

112 100

64 48.3 38.3 57.5

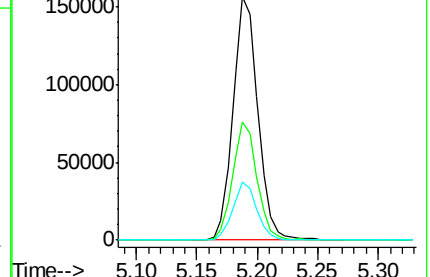
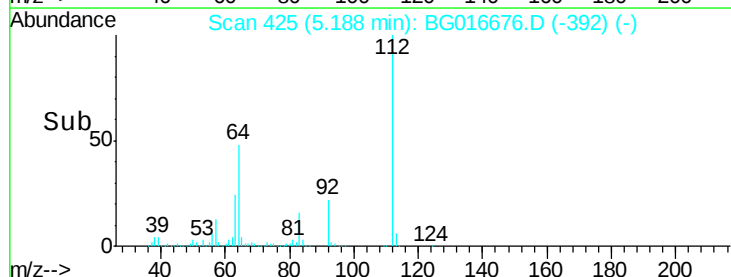
63 24.1 18.9 28.3

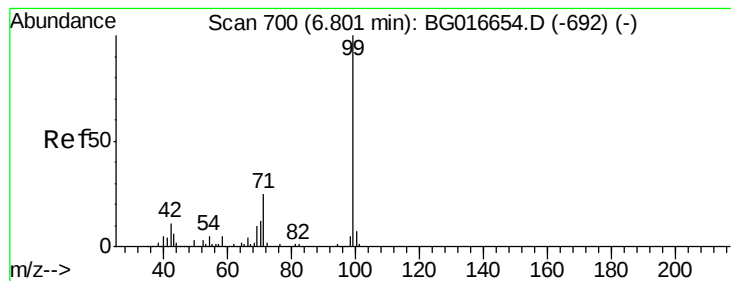


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 38.30 ng

RT: 6.79 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG016676.D

Acq: 24 Apr 2015 6:42

Instrument :

BNA\_G

ClientSampleId :

MW-52

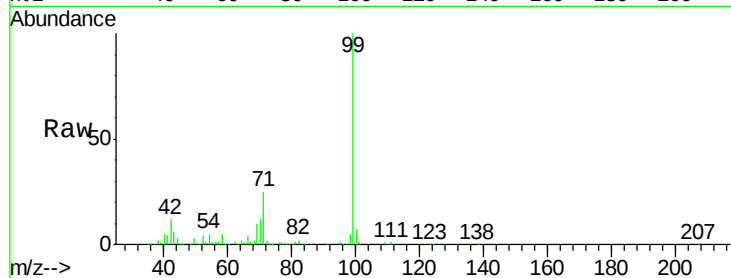
Tgt Ion: 99 Resp: 191002

Ion Ratio Lower Upper

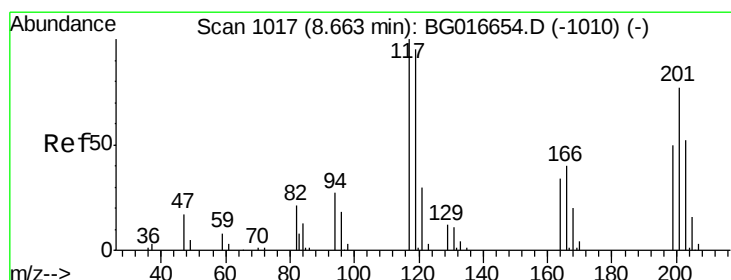
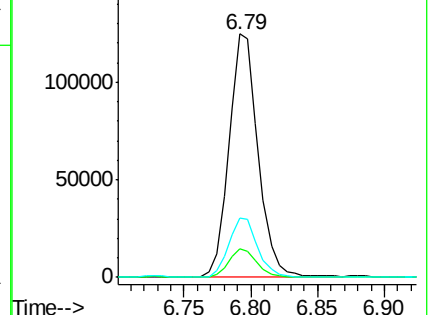
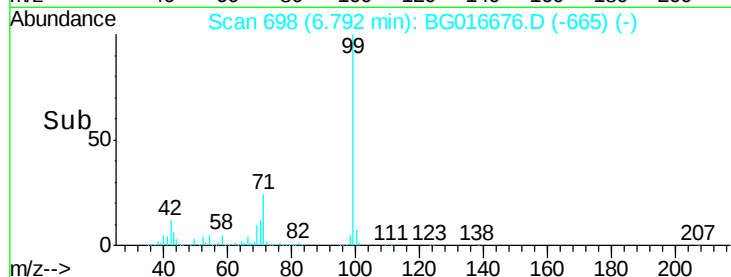
99 100

42 11.7 8.8 13.2

71 24.6 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



#18

Hexachloroethane

Concen: 27.44 ng

RT: 8.77 min Scan# 1035

Delta R.T. 0.11 min

Lab File: BG016676.D

Acq: 24 Apr 2015 6:42

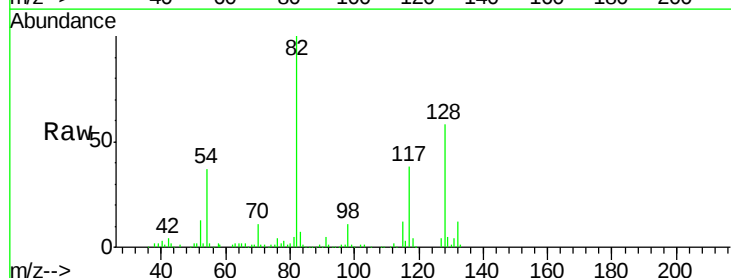
Tgt Ion: 117 Resp: 44928

Ion Ratio Lower Upper

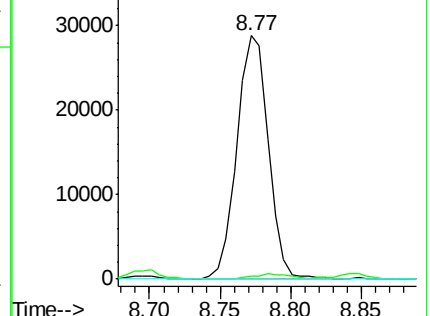
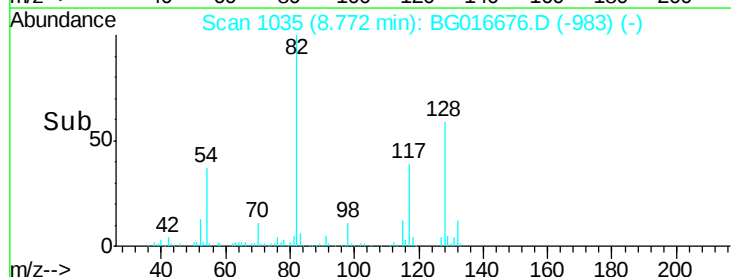
117 100

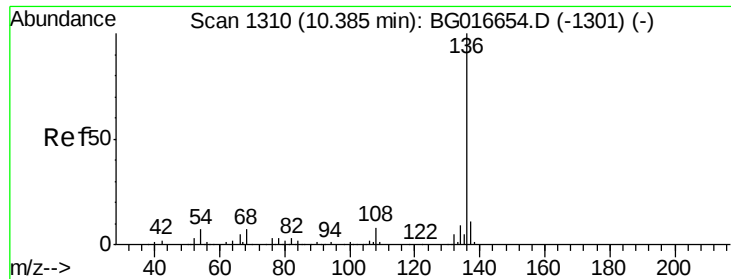
119 1.1 76.3 114.5#

201 0.0 61.5 92.3#



Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E

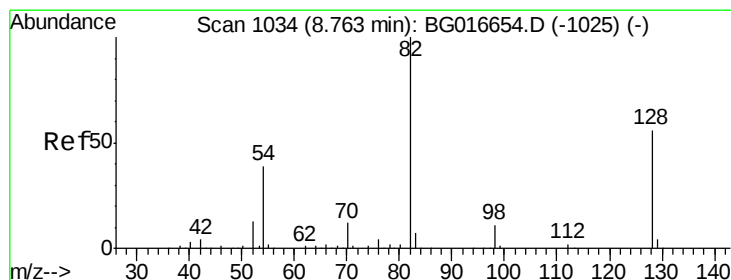
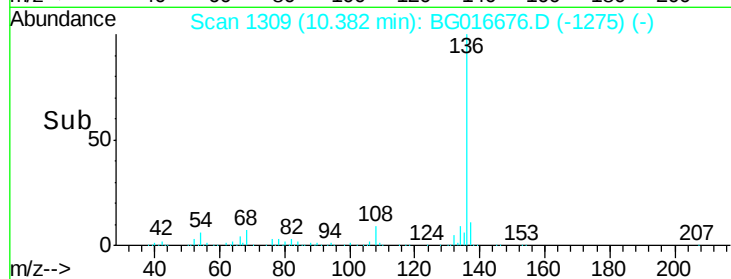
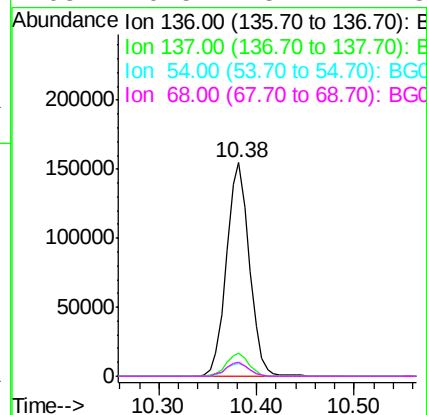
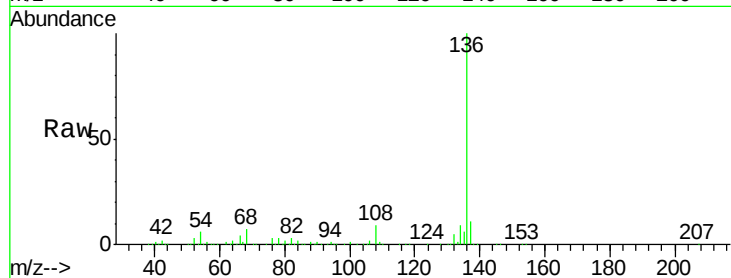




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.38 min Scan# 1309  
Delta R.T. 0.00 min  
Lab File: BG016676.D  
Acq: 24 Apr 2015 6:42

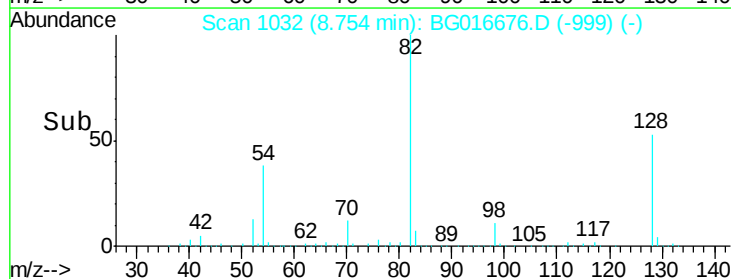
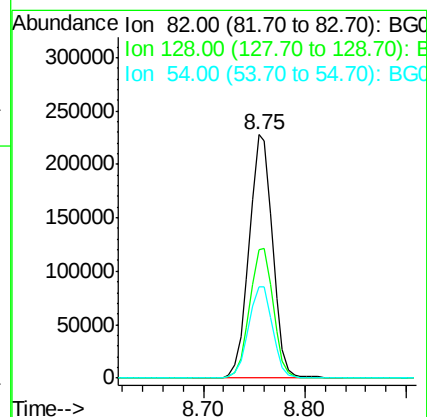
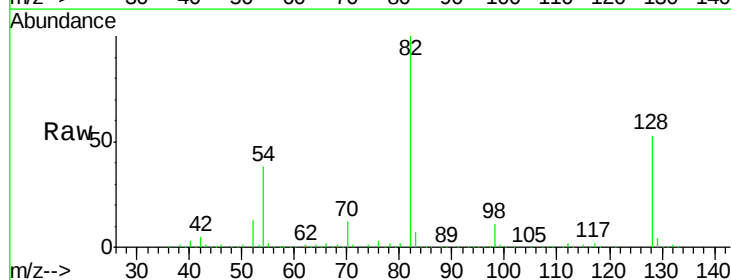
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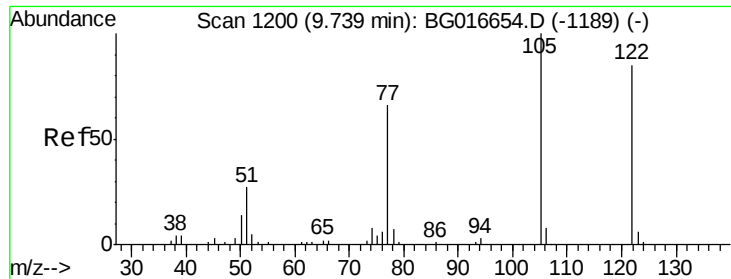
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 251368 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.7  | 8.5   | 12.7   |
| 54       | 5.8   | 5.4   | 8.2    |
| 68       | 6.5   | 5.2   | 7.8    |



#23  
Nitrobenzene-d5  
Concen: 92.06 ng  
RT: 8.75 min Scan# 1032  
Delta R.T. -0.00 min  
Lab File: BG016676.D  
Acq: 24 Apr 2015 6:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 366228 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 52.9  | 44.7  | 67.1   |
| 54       | 37.6  | 30.9  | 46.3   |

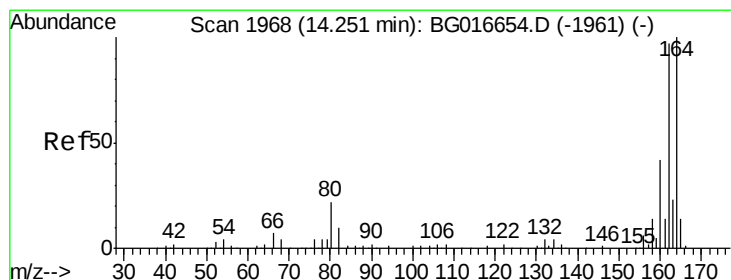
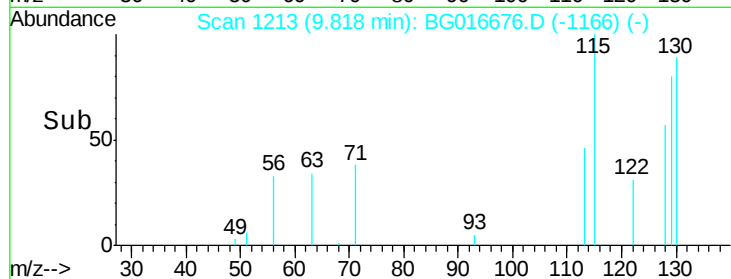
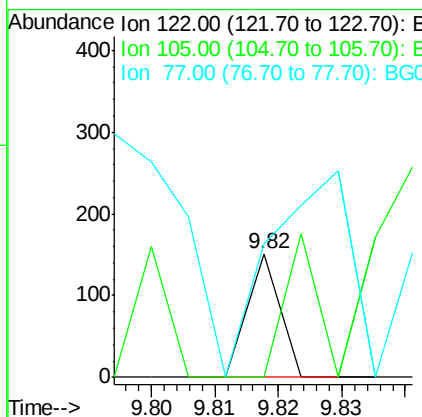
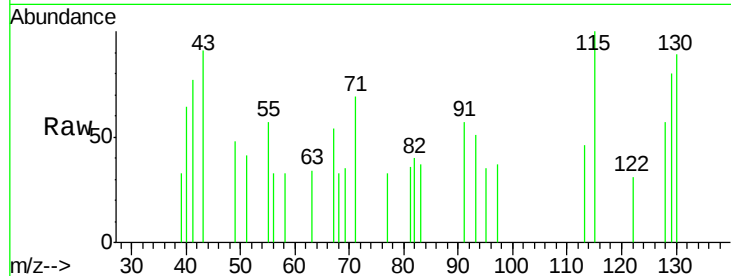




#32  
Benzoic acid  
Concen: 8.88 ng  
RT: 9.82 min Scan# 1213  
Delta R.T. 0.08 min  
Lab File: BG016676.D  
Acq: 24 Apr 2015 6:42

Instrument :  
BNA\_G  
ClientSampleId :  
MW-52

Tgt Ion:122 Resp: 53  
Ion Ratio Lower Upper  
122 100  
105 0.0 97.2 137.2#  
77 108.6 58.4 98.4#



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.25 min Scan# 1967  
Delta R.T. -0.00 min  
Lab File: BG016676.D  
Acq: 24 Apr 2015 6:42

Tgt Ion:164 Resp: 142559  
Ion Ratio Lower Upper  
164 100  
162 97.5 77.3 115.9  
160 43.8 33.7 50.5

