

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110116\  
 Data File : BG024623.D  
 Acq On : 2 Nov 2016 11:30  
 Operator : UM/SJ  
 Sample : H5500-05  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 14B(1-4)-COMP

Quant Time: Nov 02 13:22:09 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 26 11:14:13 2016  
 Response via : Initial Calibration

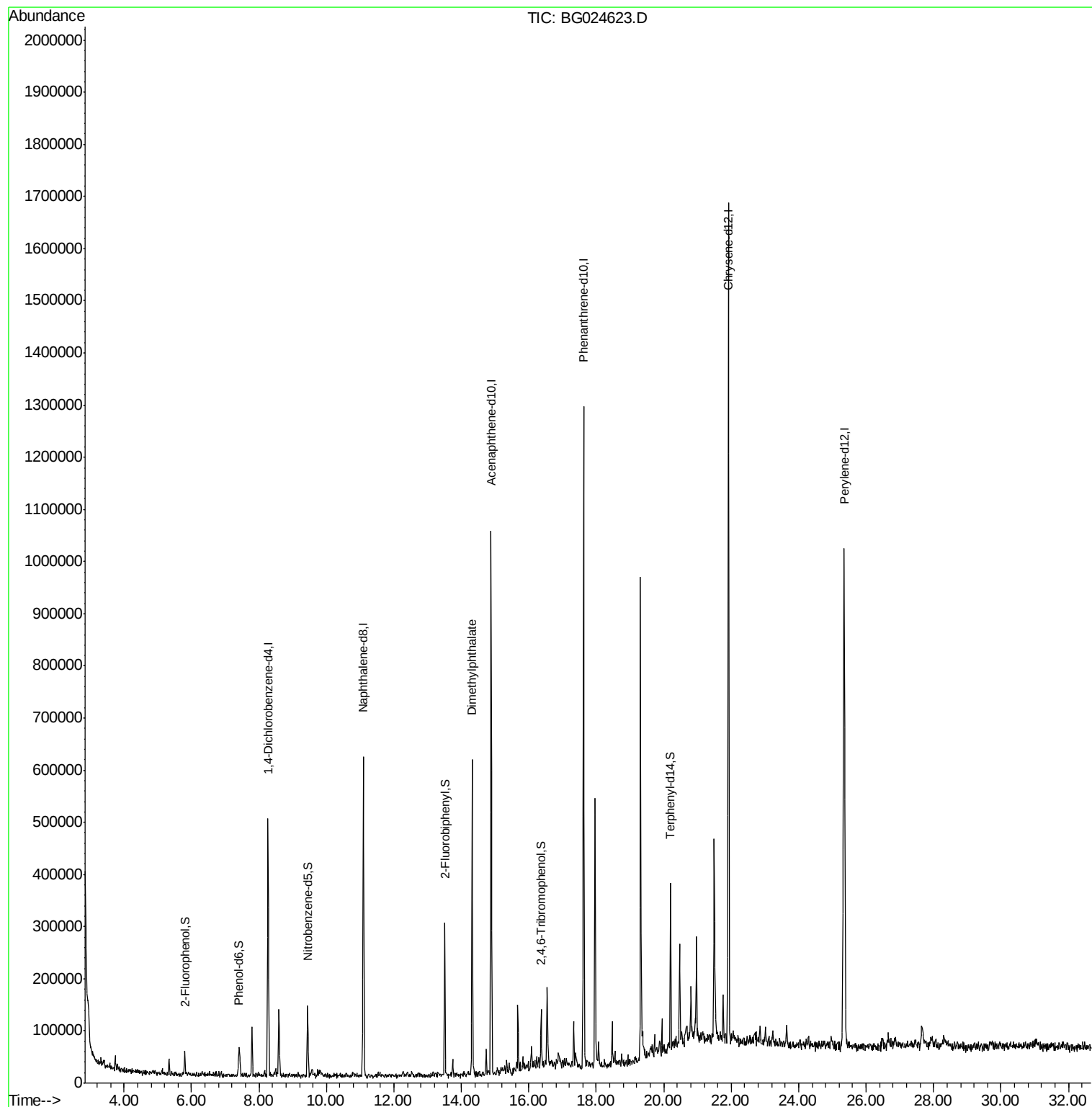
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)       |
|-----------------------------|-------|------|----------|-------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4   | 8.27  | 152  | 127784   | 20.00 | ng    | 0.00           |
| 21) Naphthalene-d8          | 11.09 | 136  | 510275   | 20.00 | ng    | 0.00           |
| 38) Acenaphthene-d10        | 14.88 | 164  | 381612   | 20.00 | ng    | 0.00           |
| 63) Phenanthrene-d10        | 17.62 | 188  | 803118   | 20.00 | ng    | 0.00           |
| 75) Chrysene-d12            | 21.92 | 240  | 1121675  | 20.00 | ng    | -0.01          |
| 86) Perylene-d12            | 25.35 | 264  | 1200330  | 20.00 | ng    | -0.02          |
| System Monitoring Compounds |       |      |          |       |       |                |
| 5) 2-Fluorophenol           | 5.80  | 112  | 19711    | 2.53  | ng    | 0.00           |
| 7) Phenol-d6                | 7.40  | 99   | 28158    | 2.63  | ng    | 0.00           |
| 23) Nitrobenzene-d5         | 9.44  | 82   | 84183    | 7.51  | ng    | 0.00           |
| 41) 2,4,6-Tribromophenol    | 16.37 | 330  | 22650    | 3.97  | ng    | 0.00           |
| 44) 2-Fluorobiphenyl        | 13.51 | 172  | 154590   | 6.73  | ng    | 0.00           |
| 78) Terphenyl-d14           | 20.20 | 244  | 145898   | 3.89  | ng    | -0.01          |
| Target Compounds            |       |      |          |       |       |                |
| 49) Dimethylphthalate       | 14.32 | 163  | 375942   | 13.88 | ng    | Qvalue<br># 94 |

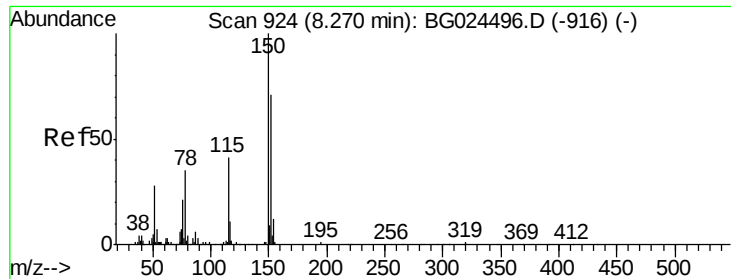
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110116\  
Data File : BG024623.D  
Acq On : 2 Nov 2016 11:30  
Operator : UM/SJ  
Sample : H5500-05  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
14B(1-4)-COMP

Quant Time: Nov 02 13:22:09 2016  
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Oct 26 11:14:13 2016  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG024623.D

Acq: 2 Nov 2016 11:30

Instrument :

BNA\_G

ClientSampleId :

14B(1-4)-COMP

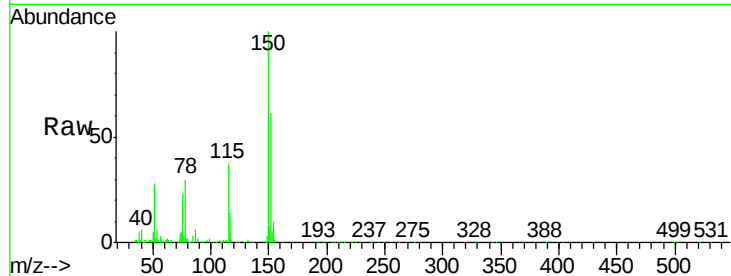
Tot Ion:152 Resp: 127784

Ion Ratio Lower Upper

152 100

150 165.0 114.0 171.0

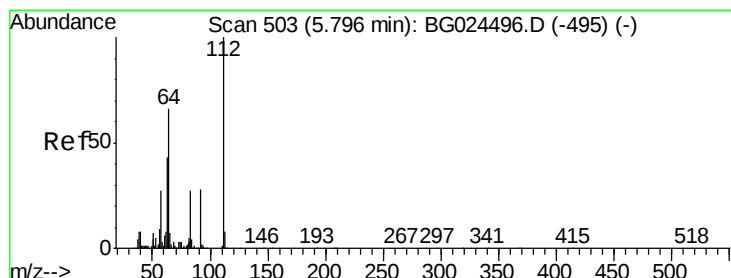
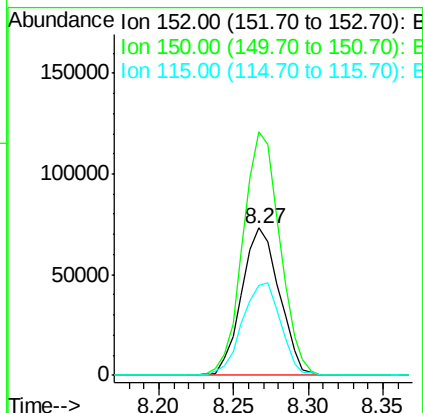
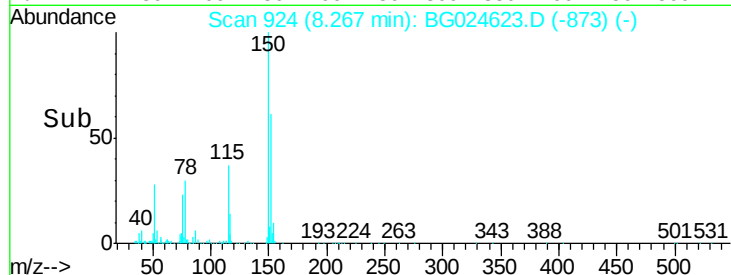
115 61.4 48.1 72.1



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: 2.53 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.00 min

Lab File: BG024623.D

Acq: 2 Nov 2016 11:30

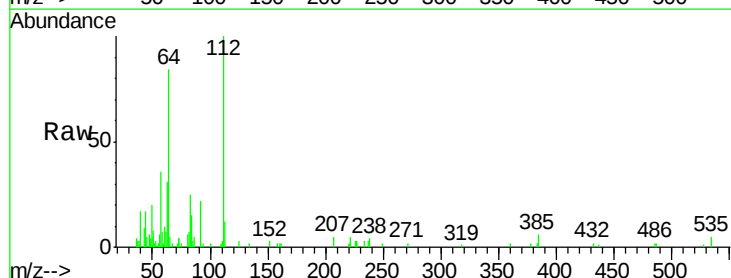
Tgt Ion:112 Resp: 19711

Ion Ratio Lower Upper

112 100

64 84.3 61.8 92.6

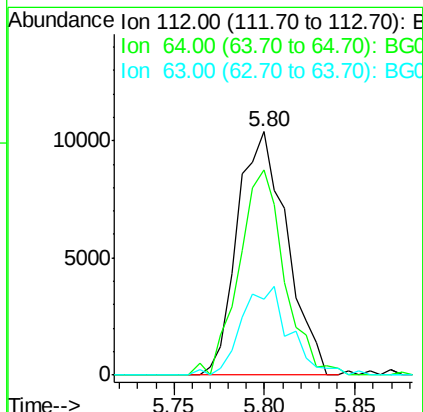
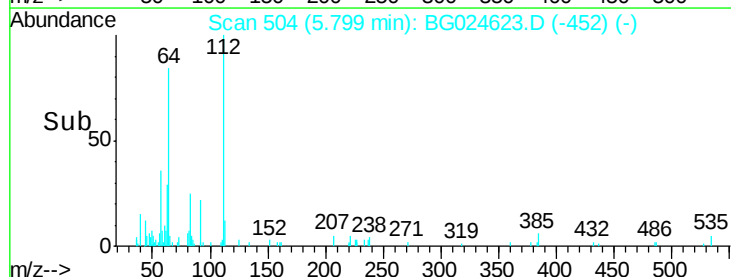
63 31.2 37.2 55.8#

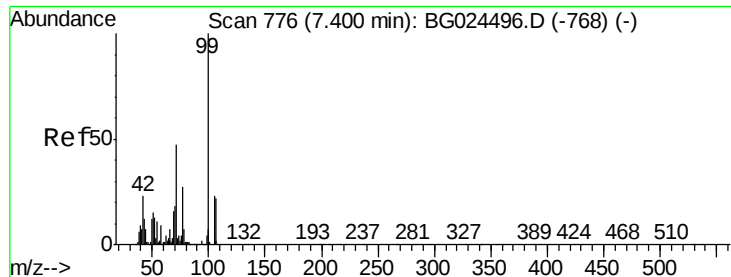


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 2.63 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.00 min

Lab File: BG024623.D

Acq: 2 Nov 2016 11:30

Instrument :

BNA\_G

ClientSampleId :

14B(1-4)-COMP

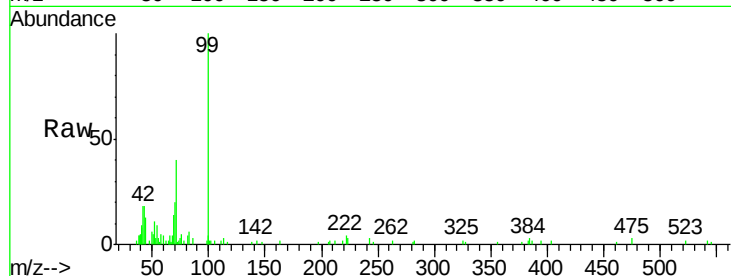
Tot Ion: 99 Resp: 28158

Ion Ratio Lower Upper

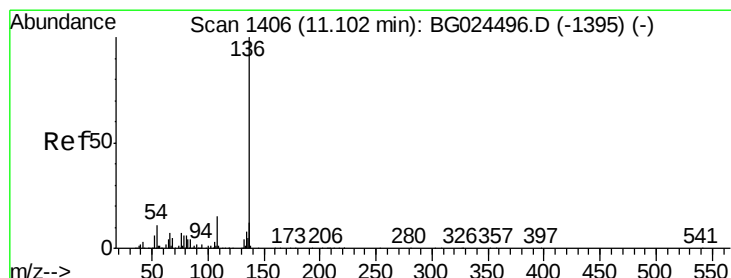
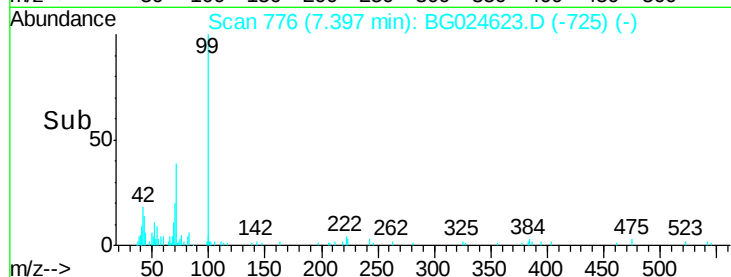
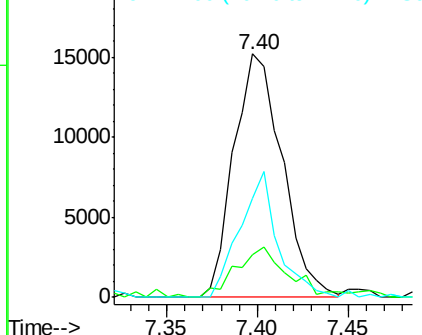
99 100

42 17.7 20.5 30.7#

71 40.5 37.6 56.4



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: 11.09 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BG024623.D

Acq: 2 Nov 2016 11:30

Tgt Ion: 136 Resp: 510275

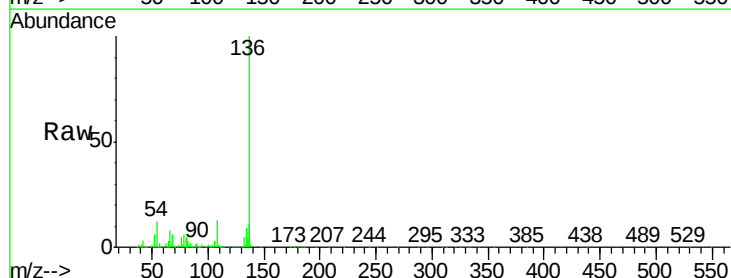
Ion Ratio Lower Upper

136 100

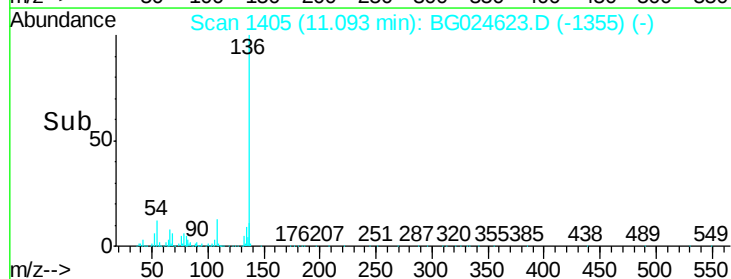
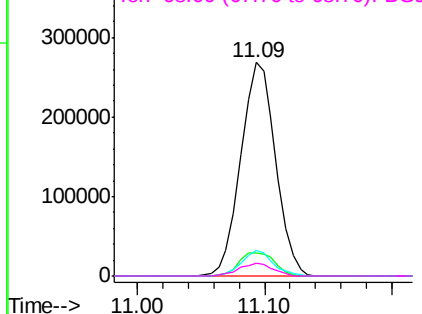
137 10.8 8.9 13.3

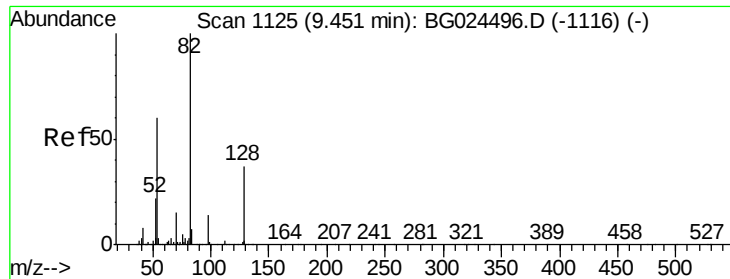
54 11.8 9.3 13.9

68 5.9 5.1 7.7



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

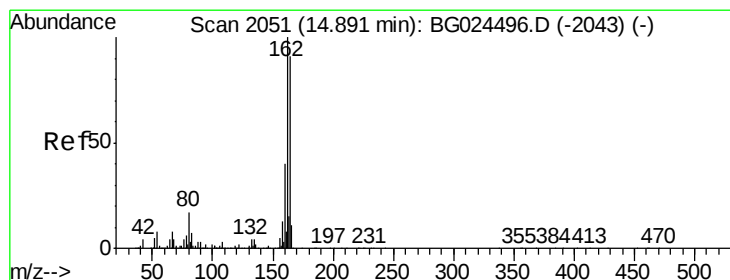
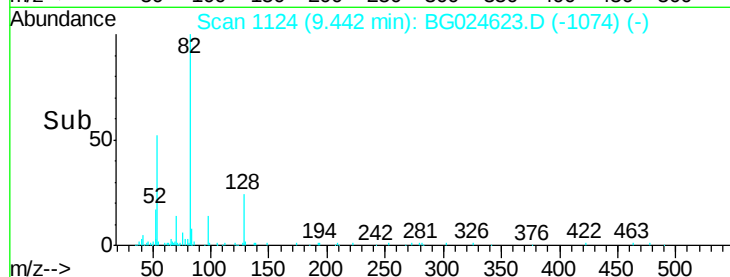
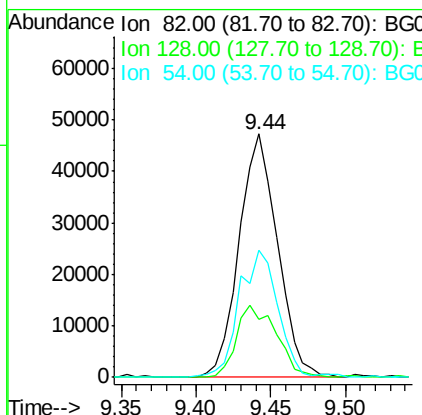
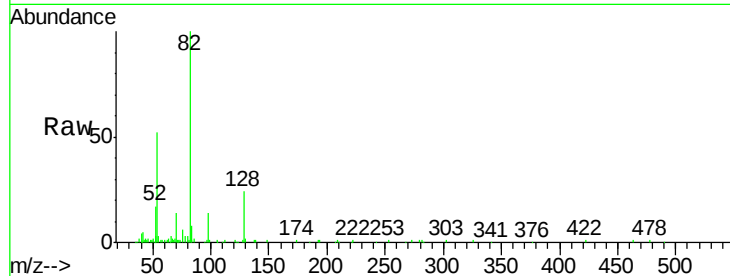




#23  
Nitrobenzene-d5  
Concen: 7.51 ng  
RT: 9.44 min Scan# 1124  
Delta R.T. -0.01 min  
Lab File: BG024623.D  
Acq: 2 Nov 2016 11:30

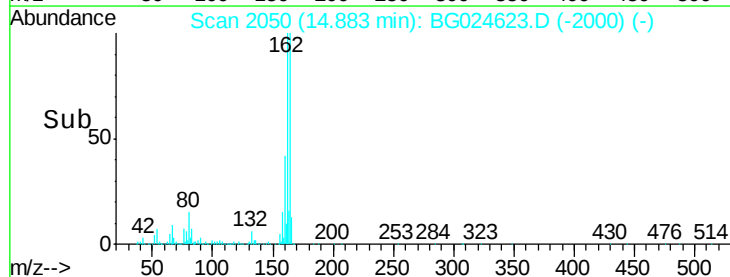
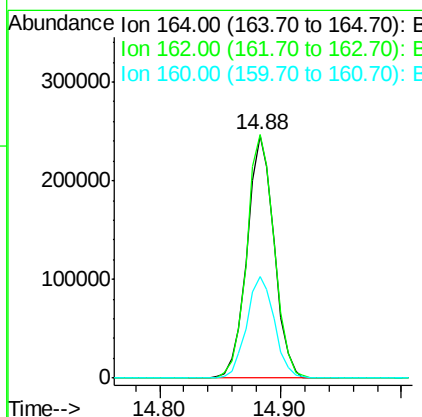
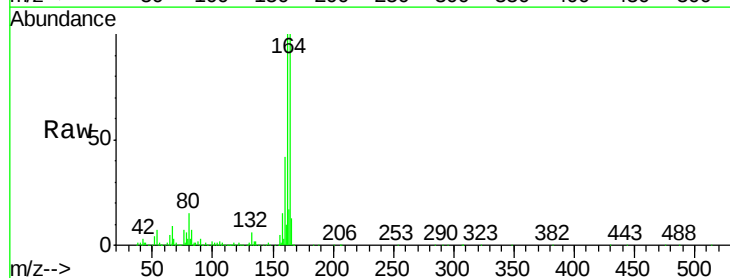
Instrument :  
BNA\_G  
ClientSampleId :  
14B(1-4)-COMP

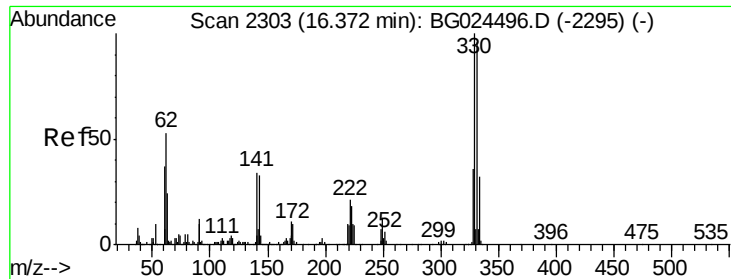
Tot Ion: 82 Resp: 84183  
Ion Ratio Lower Upper  
82 100  
128 23.9 26.4 39.6#  
54 52.1 49.4 74.2



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.88 min Scan# 2050  
Delta R.T. -0.01 min  
Lab File: BG024623.D  
Acq: 2 Nov 2016 11:30

Tgt Ion: 164 Resp: 381612  
Ion Ratio Lower Upper  
164 100  
162 100.3 85.1 127.7  
160 41.7 34.7 52.1





#41

2,4,6-Tribromophenol

Concen: 3.97 ng

RT: 16.37 min Scan# 2303

Delta R.T. -0.00 min

Lab File: BG024623.D

Acq: 2 Nov 2016 11:30

Instrument :

BNA\_G

ClientSampleId :

14B(1-4)-COMP

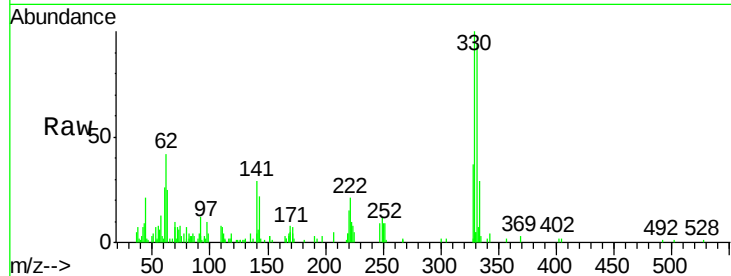
Tot Ion:330 Resp: 22650

Ion Ratio Lower Upper

330 100

332 101.4 77.3 115.9

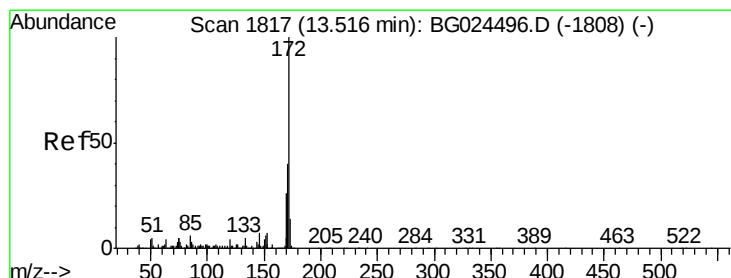
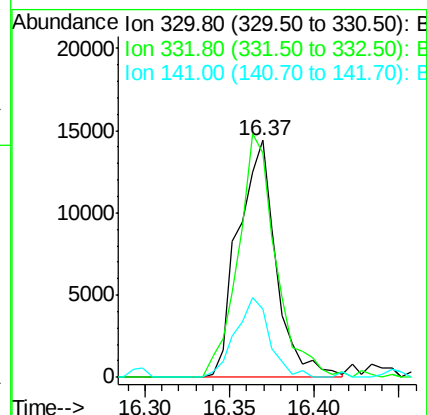
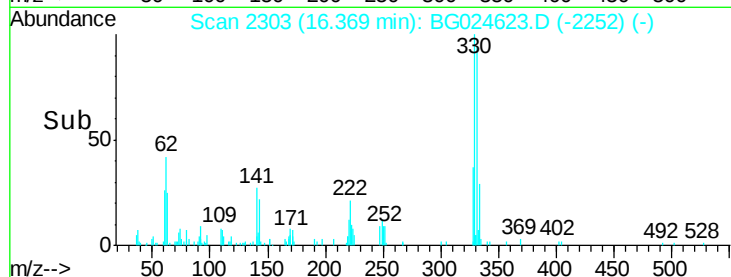
141 30.5 32.1 48.1#



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: 6.73 ng

RT: 13.51 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BG024623.D

Acq: 2 Nov 2016 11:30

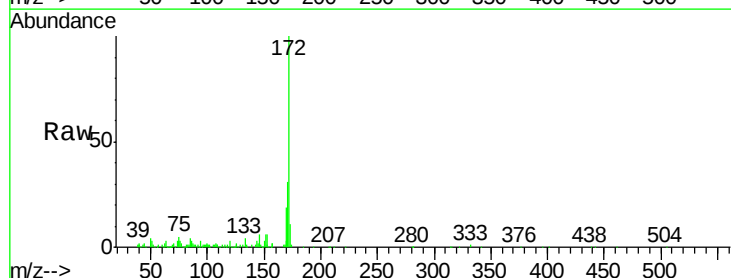
Tgt Ion:172 Resp: 154590

Ion Ratio Lower Upper

172 100

171 30.9 32.2 48.2#

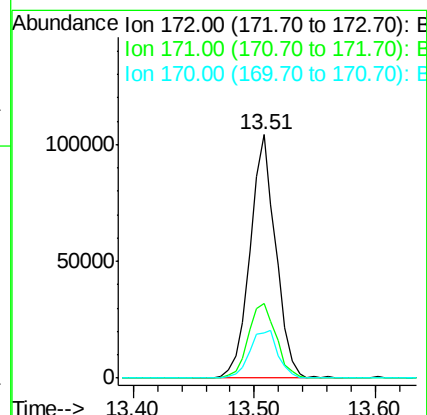
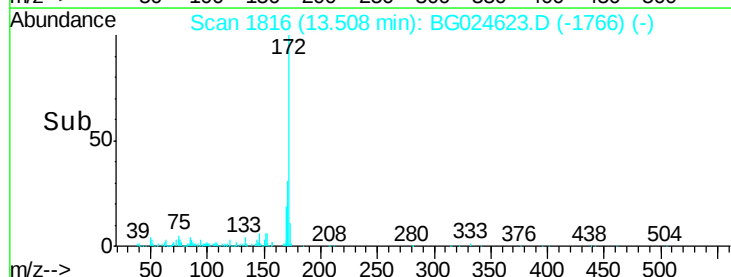
170 18.5 21.8 32.6#

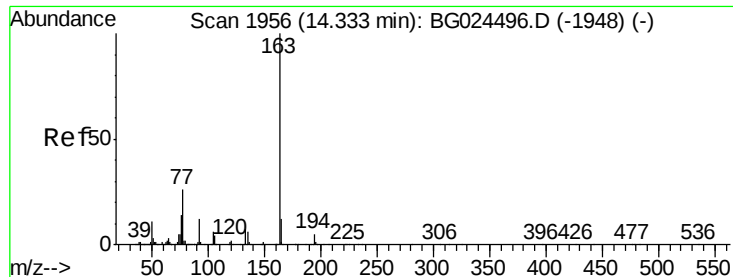


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 13.88 ng

RT: 14.32 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG024623.D

Acq: 2 Nov 2016 11:30

Instrument :

BNA\_G

ClientSampleId :

14B(1-4)-COMP

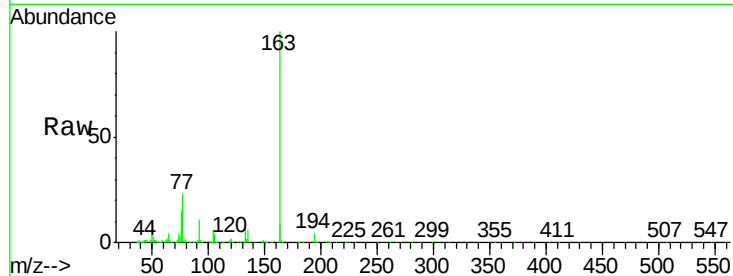
Tot Ion:163 Resp: 375942

Ion Ratio Lower Upper

163 100

194 3.9 3.8 5.6

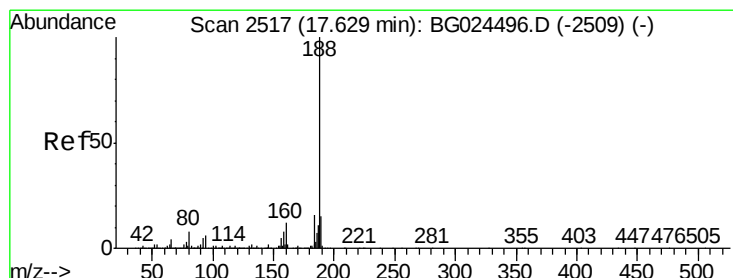
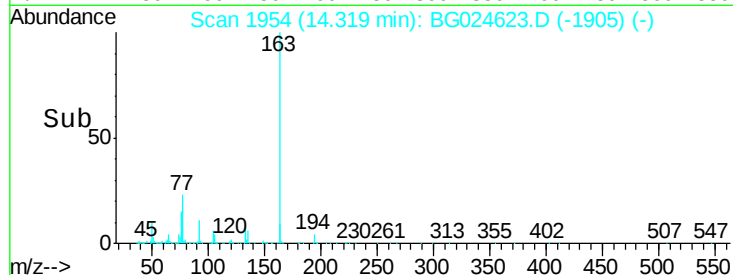
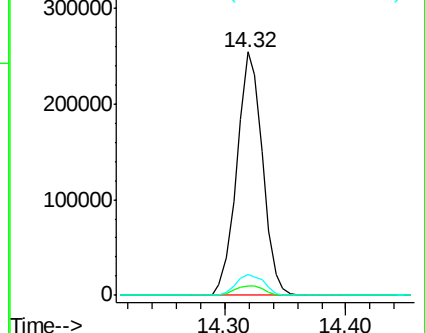
164 8.7 9.3 13.9#



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: 17.62 min Scan# 2516

Delta R.T. -0.01 min

Lab File: BG024623.D

Acq: 2 Nov 2016 11:30

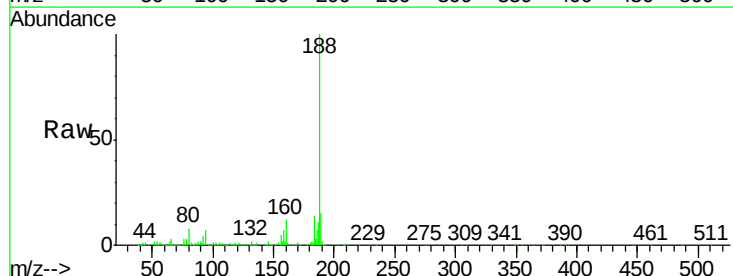
Tgt Ion:188 Resp: 803118

Ion Ratio Lower Upper

188 100

94 6.8 5.8 8.8

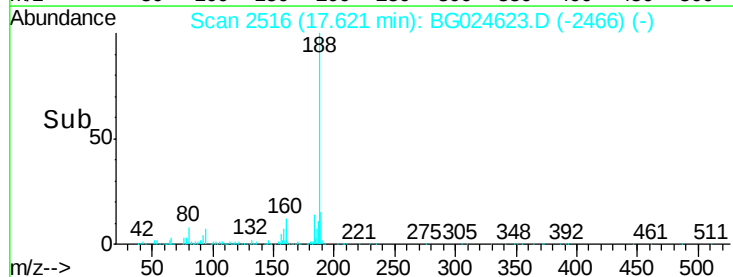
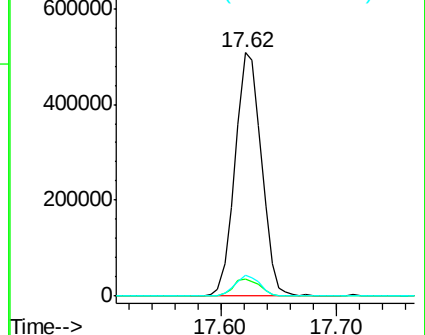
80 8.3 7.5 11.3

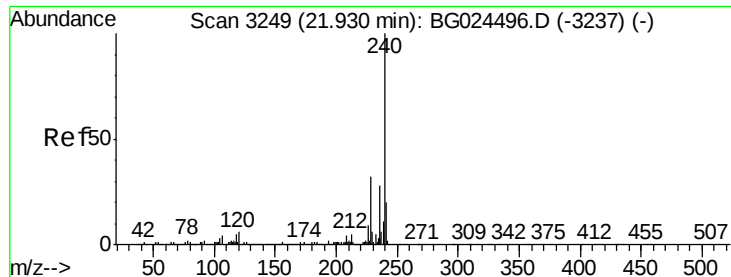


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.92 min Scan# 3247

Delta R.T. -0.01 min

Lab File: BG024623.D

Acq: 2 Nov 2016 11:30

Instrument :

BNA\_G

ClientSampleId :

14B(1-4)-COMP

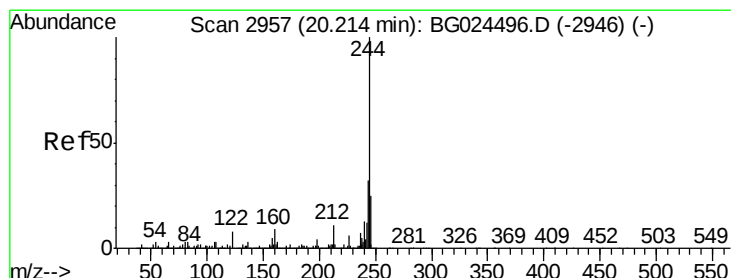
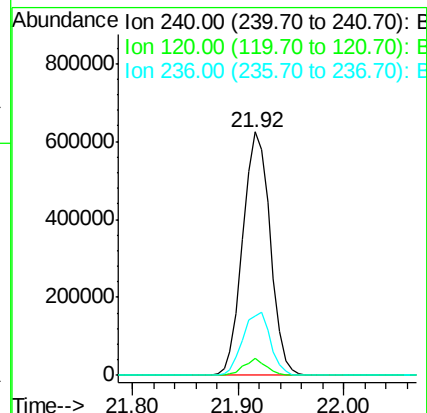
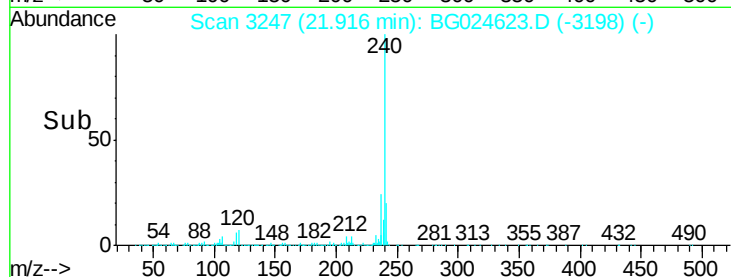
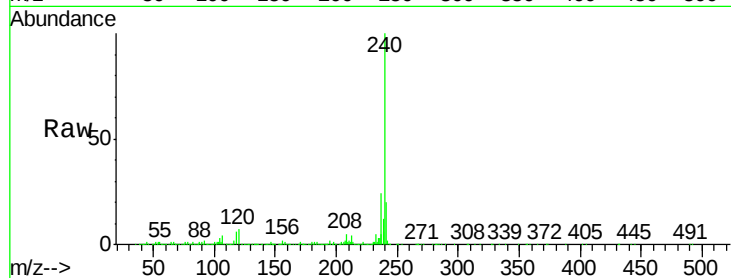
Tot Ion:240 Resp: 1121675

Ion Ratio Lower Upper

240 100

120 7.0 5.7 8.5

236 24.2 22.2 33.4



#78

Terphenyl-d14

Concen: 3.89 ng

RT: 20.20 min Scan# 2955

Delta R.T. -0.01 min

Lab File: BG024623.D

Acq: 2 Nov 2016 11:30

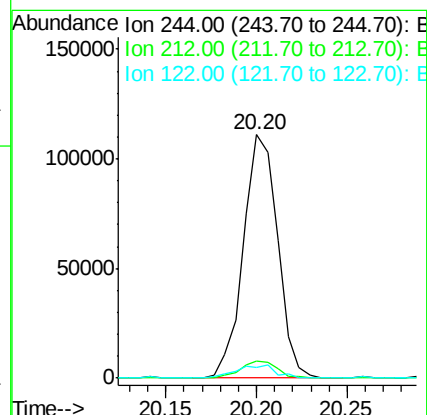
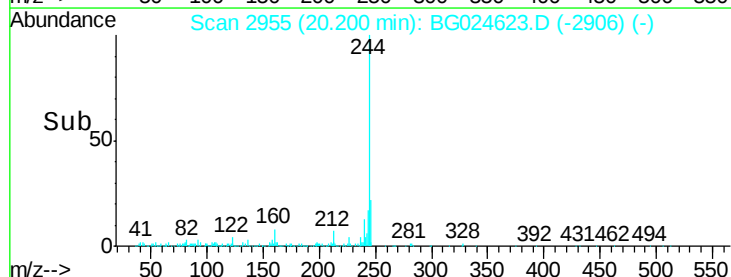
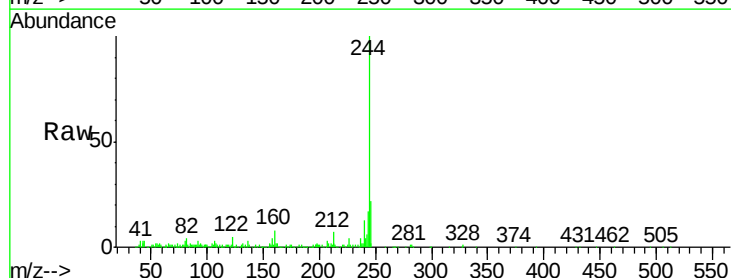
Tgt Ion:244 Resp: 145898

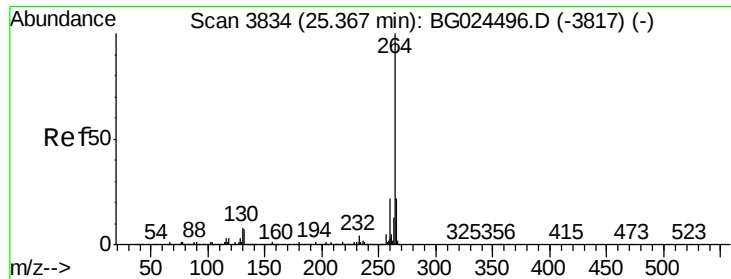
Ion Ratio Lower Upper

244 100

212 7.3 10.0 15.0#

122 4.6 8.6 12.8#





#86  
Pervlene-d12  
Concen: 20.00 ng  
RT: 25.35 min Scan# 3831  
Delta R.T. -0.02 min  
Lab File: BG024623.D  
Acq: 2 Nov 2016 11:30

Instrument :  
BNA\_G  
ClientSampleId :  
14B(1-4)-COMP

Tot Ion:264 Resp: 1200330  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 22.0  | 21.8  | 32.8  |
| 265 | 19.7  | 18.2  | 27.4  |

