

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG110316\  
 Data File : BG024653.D  
 Acq On : 3 Nov 2016 15:09  
 Operator : UM/SJ  
 Sample : H5493-26  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-6(6-8)

Quant Time: Nov 03 18:11:11 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

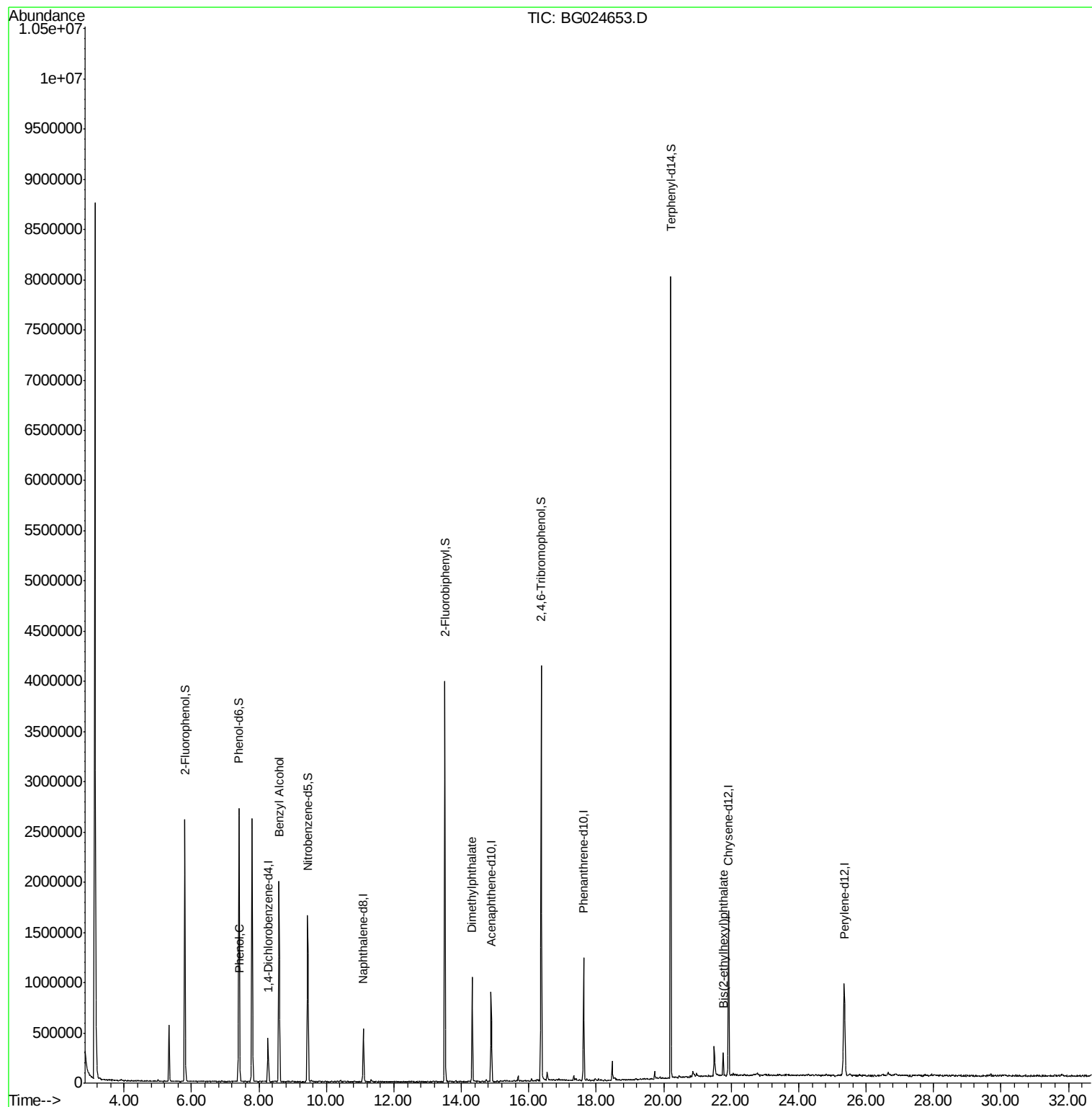
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|--------------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4      | 8.27  | 152  | 116627   | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8             | 11.10 | 136  | 448300   | 20.00  | ng    | 0.00      |
| 38) Acenaphthene-d10           | 14.88 | 164  | 328429   | 20.00  | ng    | 0.00      |
| 63) Phenanthrene-d10           | 17.63 | 188  | 757439   | 20.00  | ng    | 0.00      |
| 75) Chrysene-d12               | 21.92 | 240  | 1066613  | 20.00  | ng    | 0.00      |
| 86) Perylene-d12               | 25.35 | 264  | 1112516  | 20.00  | ng    | -0.02     |
| System Monitoring Compounds    |       |      |          |        |       |           |
| 5) 2-Fluorophenol              | 5.80  | 112  | 1054377  | 148.17 | ng    | 0.00      |
| 7) Phenol-d6                   | 7.41  | 99   | 1485329  | 152.17 | ng    | 0.00      |
| 23) Nitrobenzene-d5            | 9.45  | 82   | 1057059  | 107.36 | ng    | 0.00      |
| 41) 2,4,6-Tribromophenol       | 16.37 | 330  | 821191   | 167.37 | ng    | 0.00      |
| 44) 2-Fluorobiphenyl           | 13.51 | 172  | 2052890  | 103.89 | ng    | 0.00      |
| 78) Terphenyl-d14              | 20.20 | 244  | 3299146  | 92.43  | ng    | 0.00      |
| Target Compounds               |       |      |          |        |       |           |
| 10) Phenol                     | 7.43  | 94   | 25286    | 2.51   | ng    | Qvalue 82 |
| 15) Benzyl Alcohol             | 8.59  | 79   | 23389    | 2.58   | ng    | # 78      |
| 49) Dimethylphthalate          | 14.32 | 163  | 664057   | 28.48  | ng    | 98        |
| 83) Bis(2-ethylhexyl)phthalate | 21.76 | 149  | 90719    | 2.92   | ng    | # 97      |

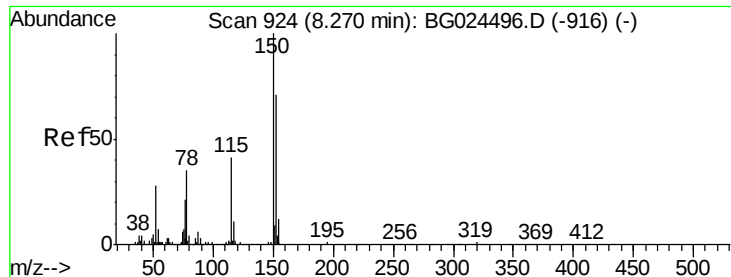
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG110316\  
Data File : BG024653.D  
Acq On : 3 Nov 2016 15:09  
Operator : UM/SJ  
Sample : H5493-26  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SB-6(6-8)

Quant Time: Nov 03 18:11:11 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



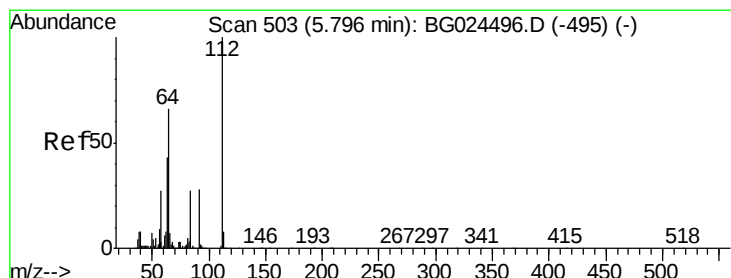
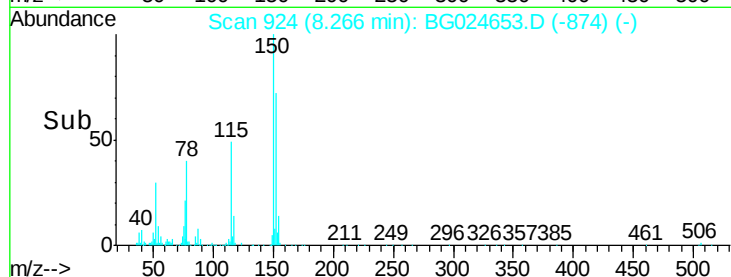
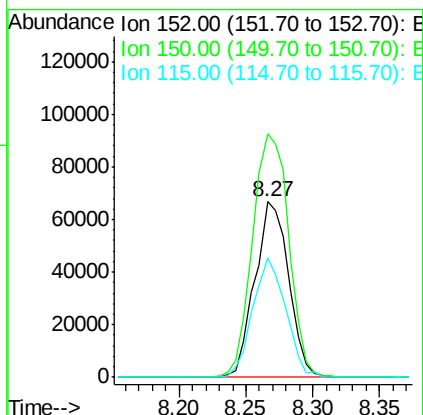
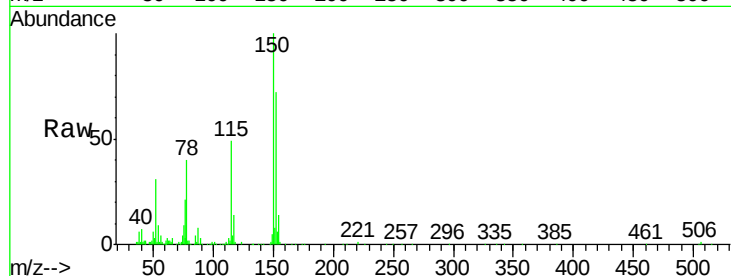


#1

1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.27 min Scan# 924  
Delta R.T. -0.00 min  
Lab File: BG024653.D  
Acq: 3 Nov 2016 15:09

Instrument :  
BNA\_G  
ClientSampleId :  
SB-6(6-8)

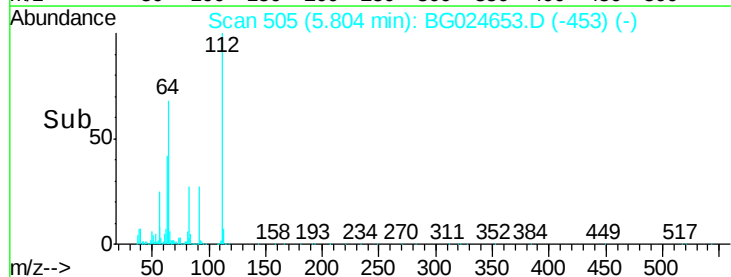
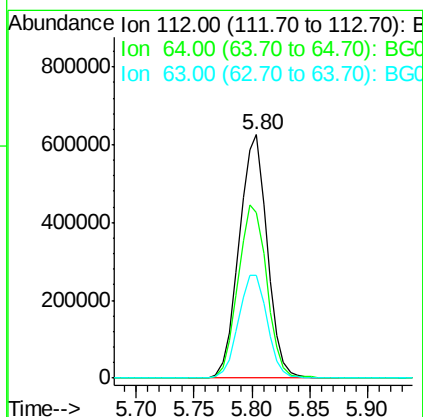
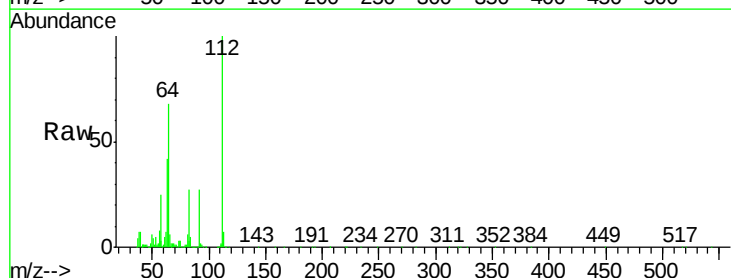
Tgt Ion:152 Resp: 116627  
Ion Ratio Lower Upper  
152 100  
150 138.9 114.0 171.0  
115 67.9 48.1 72.1



#5

2-Fluorophenol  
Concen: 148.17 ng  
RT: 5.80 min Scan# 505  
Delta R.T. 0.01 min  
Lab File: BG024653.D  
Acq: 3 Nov 2016 15:09

Tgt Ion:112 Resp: 1054377  
Ion Ratio Lower Upper  
112 100  
64 68.2 61.8 92.6  
63 42.3 37.2 55.8





#7

Phenol-d6

Concen: 152.17 ng

RT: 7.41 min Scan# 778

Delta R.T. 0.01 min

Lab File: BG024653.D

Acq: 3 Nov 2016 15:09

Instrument :

BNA\_G

ClientSampleId :

SB-6(6-8)

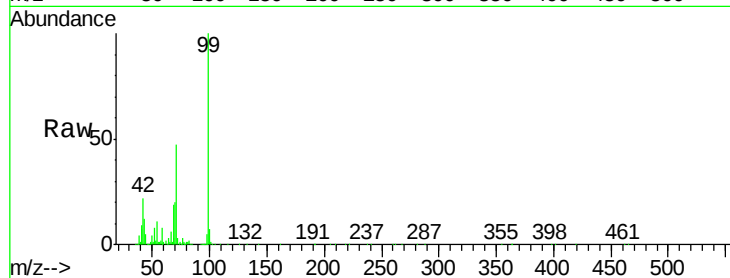
Tgt Ion: 99 Resp: 1485329

Ion Ratio Lower Upper

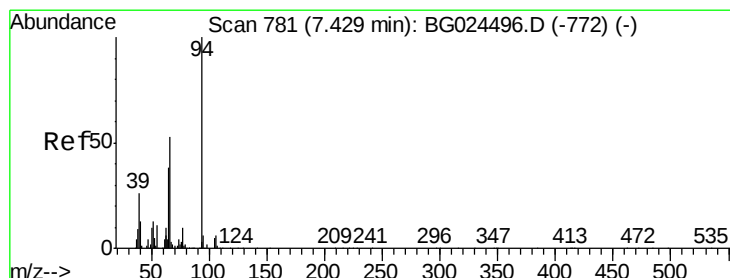
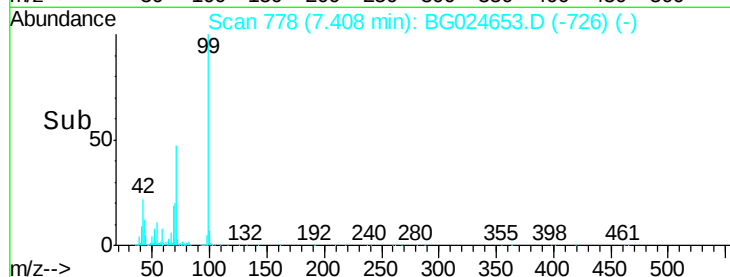
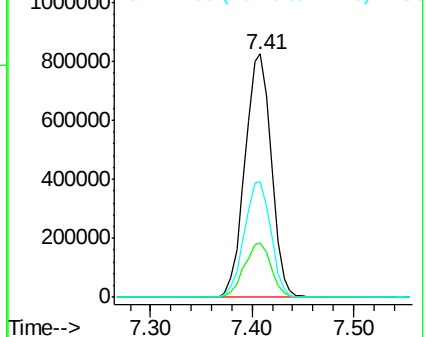
99 100

42 22.0 20.5 30.7

71 47.5 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



#10

Phenol

Concen: 2.51 ng

RT: 7.43 min Scan# 782

Delta R.T. 0.00 min

Lab File: BG024653.D

Acq: 3 Nov 2016 15:09

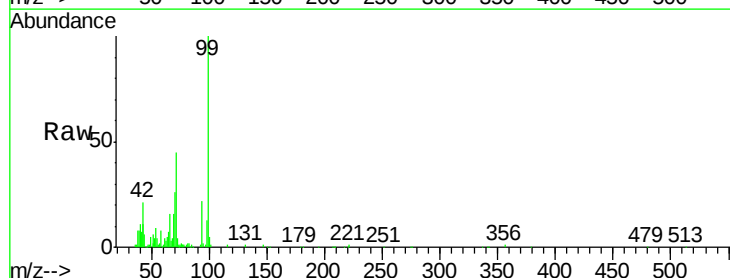
Tgt Ion: 94 Resp: 25286

Ion Ratio Lower Upper

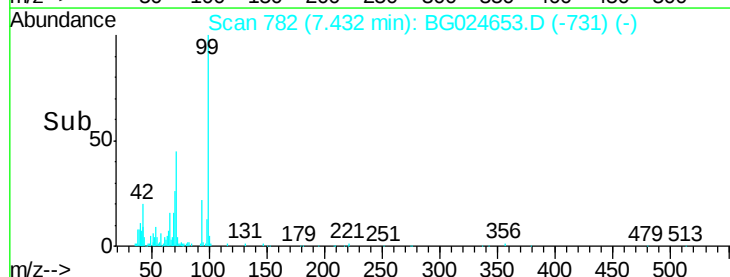
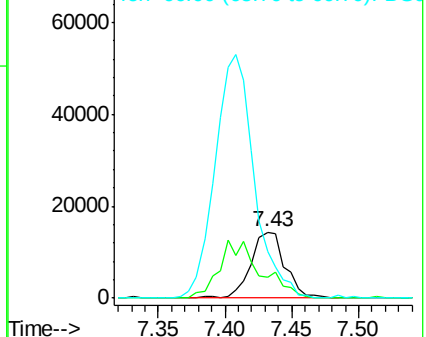
94 100

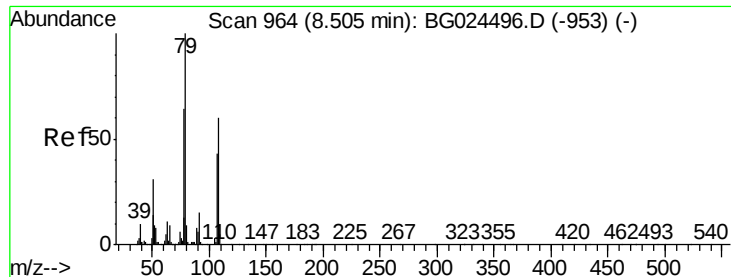
65 31.5 20.6 60.6

66 70.0 35.5 75.5



Abundance Ion 94.00 (93.70 to 94.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 66.00 (65.70 to 66.70): BGC





#15

Benzyl Alcohol

Concen: 2.58 ng

RT: 8.59 min Scan# 979

Delta R.T. 0.08 min

Lab File: BG024653.D

Acq: 3 Nov 2016 15:09

Instrument :

BNA\_G

ClientSampleId :

SB-6(6-8)

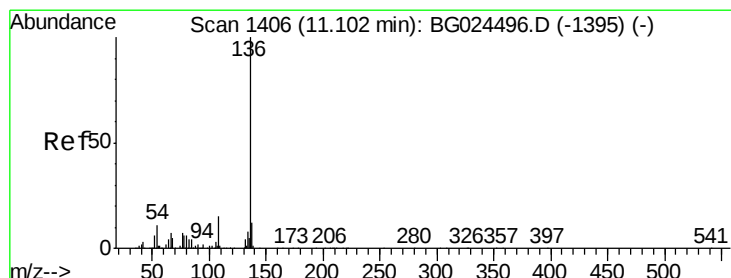
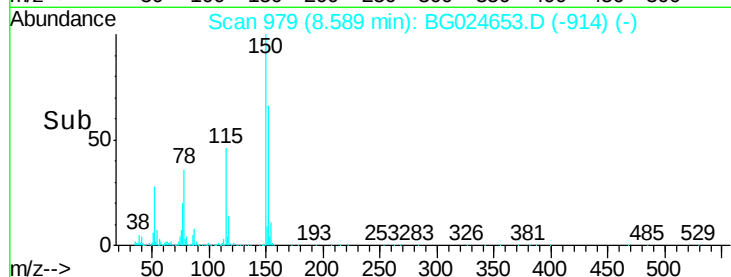
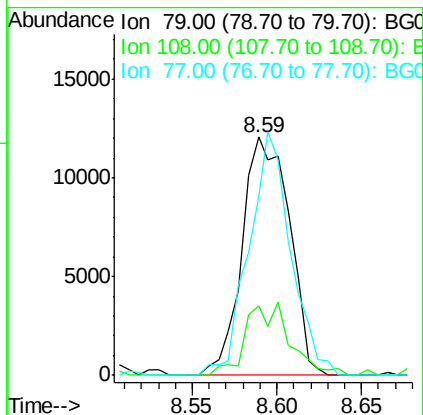
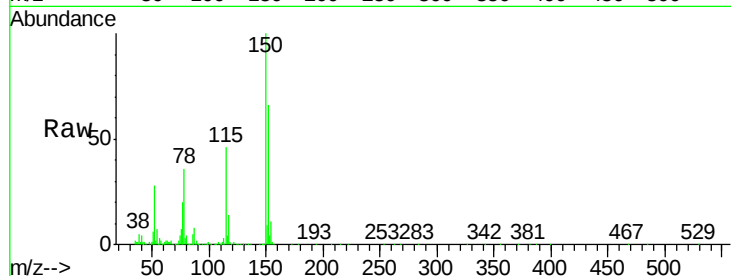
Tgt Ion: 79 Resp: 23389

Ion Ratio Lower Upper

79 100

108 29.3 45.5 68.3#

77 75.3 54.3 81.5



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.10 min Scan# 1406

Delta R.T. -0.00 min

Lab File: BG024653.D

Acq: 3 Nov 2016 15:09

Tgt Ion: 136 Resp: 448300

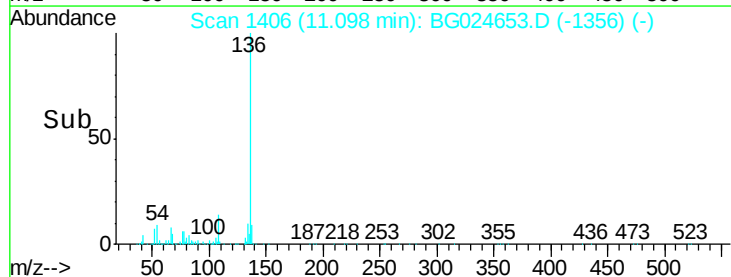
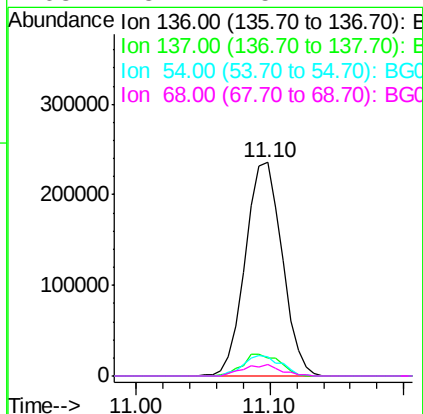
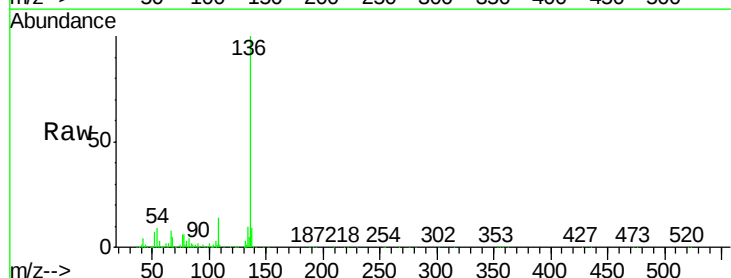
Ion Ratio Lower Upper

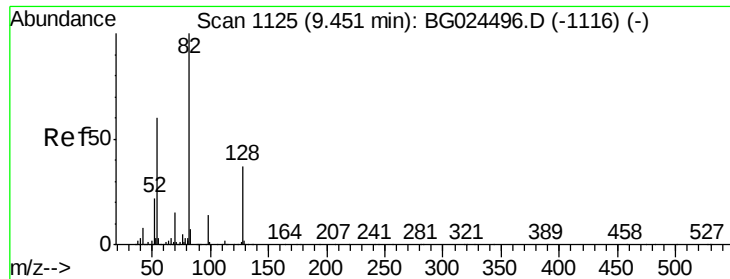
136 100

137 8.7 8.9 13.3#

54 9.0 9.3 13.9#

68 5.4 5.1 7.7

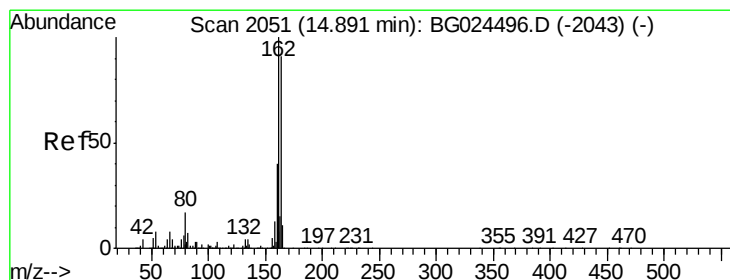
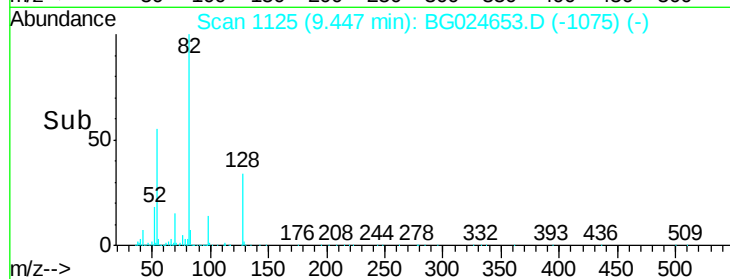
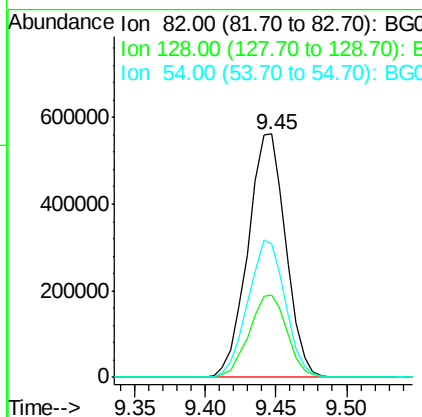




#23  
 Nitrobenzene-d5  
 Concen: 107.36 ng  
 RT: 9.45 min Scan# 1125  
 Delta R.T. -0.00 min  
 Lab File: BG024653.D  
 Acq: 3 Nov 2016 15:09

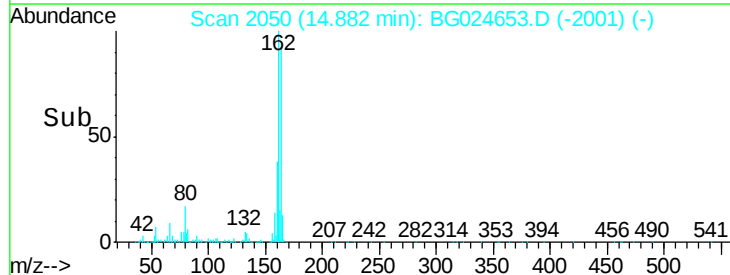
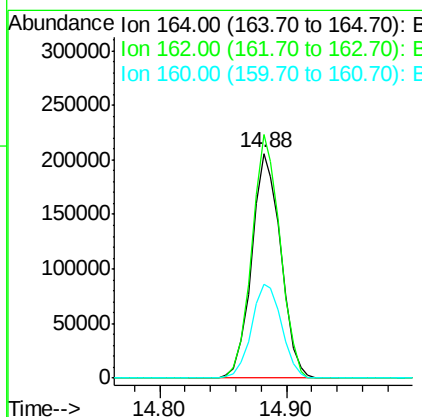
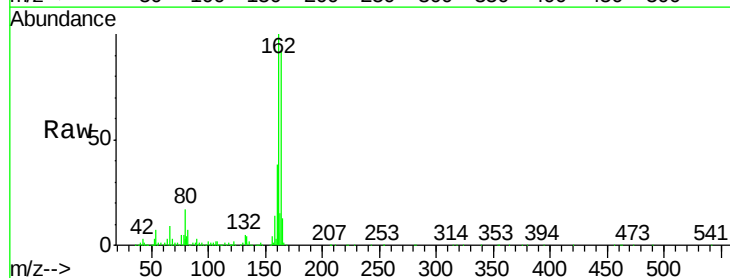
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-6(6-8)

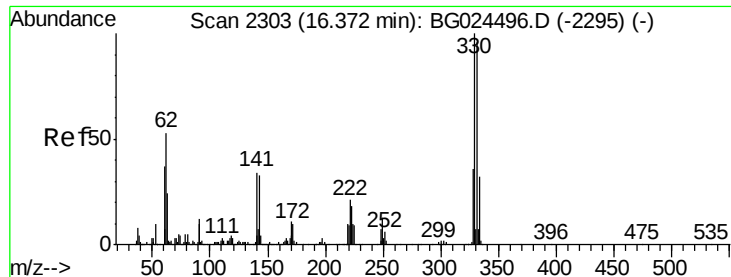
Tgt Ion: 82 Resp: 1057059  
 Ion Ratio Lower Upper  
 82 100  
 128 34.0 26.4 39.6  
 54 54.7 49.4 74.2



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 14.88 min Scan# 2050  
 Delta R.T. -0.01 min  
 Lab File: BG024653.D  
 Acq: 3 Nov 2016 15:09

Tgt Ion: 164 Resp: 328429  
 Ion Ratio Lower Upper  
 164 100  
 162 108.4 85.1 127.7  
 160 41.6 34.7 52.1

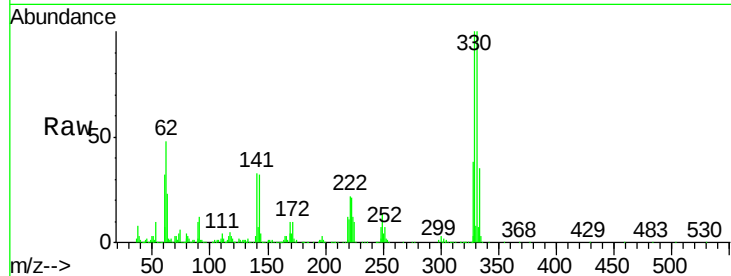




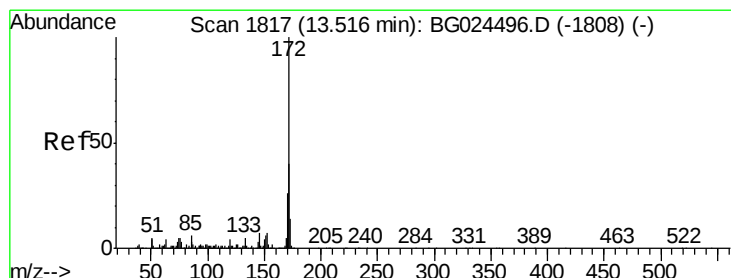
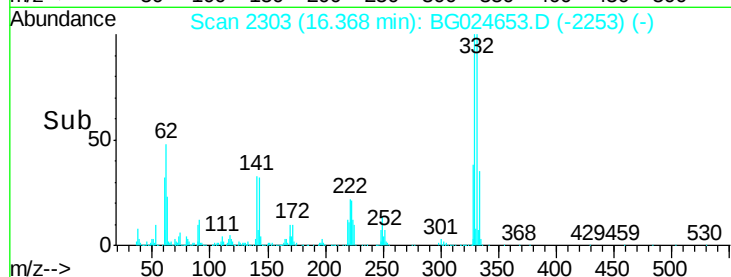
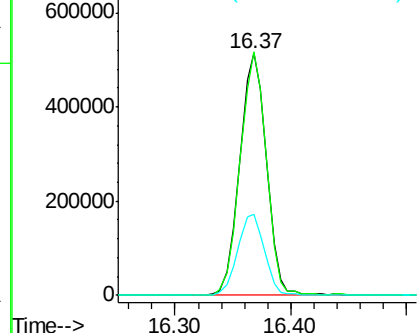
#41  
 2,4,6-Tribromophenol  
 Concen: 167.37 ng  
 RT: 16.37 min Scan# 2303  
 Delta R.T. -0.00 min  
 Lab File: BG024653.D  
 Acq: 3 Nov 2016 15:09

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-6(6-8)

Tgt Ion:330 Resp: 821191  
 Ion Ratio Lower Upper  
 330 100  
 332 98.5 77.3 115.9  
 141 33.6 32.1 48.1

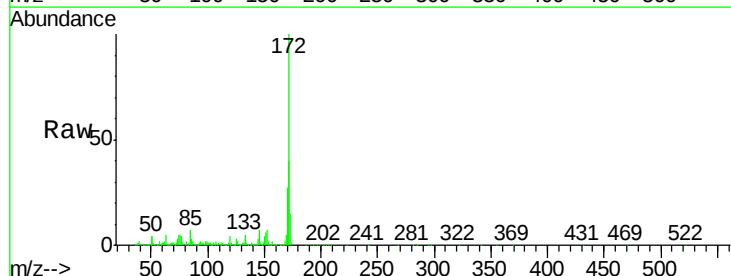


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

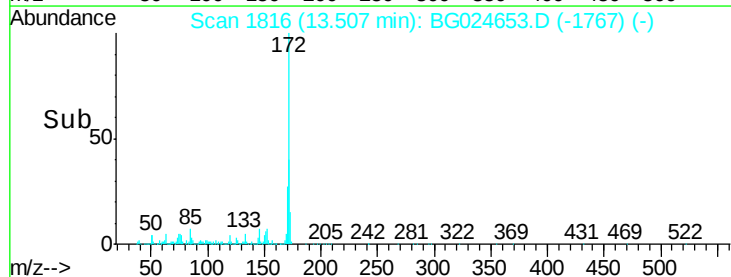
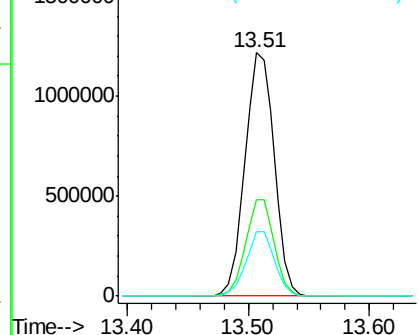


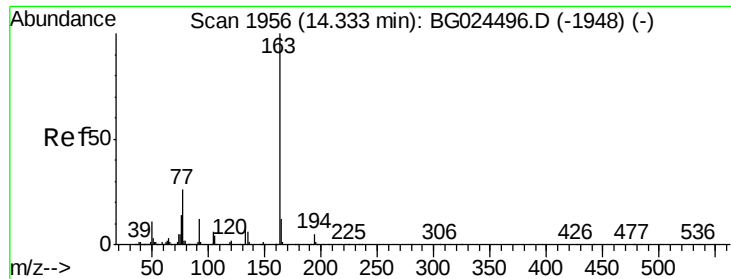
#44  
 2-Fluorobiphenyl  
 Concen: 103.89 ng  
 RT: 13.51 min Scan# 1816  
 Delta R.T. -0.01 min  
 Lab File: BG024653.D  
 Acq: 3 Nov 2016 15:09

Tgt Ion:172 Resp: 2052890  
 Ion Ratio Lower Upper  
 172 100  
 171 39.7 32.2 48.2  
 170 26.7 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: 28.48 ng

RT: 14.32 min Scan# 1954

Delta R.T. -0.02 min

Lab File: BG024653.D

Acq: 3 Nov 2016 15:09

Instrument :

BNA\_G

ClientSampled :

SB-6(6-8)

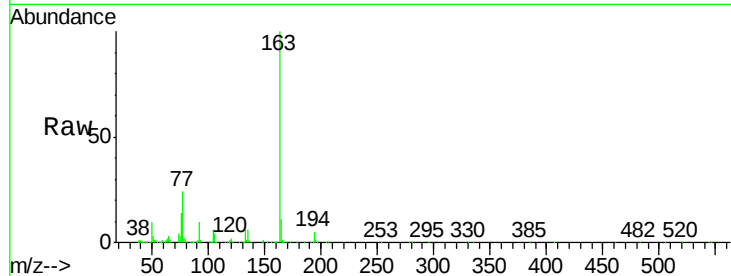
Tgt Ion:163 Resp: 664057

Ion Ratio Lower Upper

163 100

194 5.2 3.8 5.6

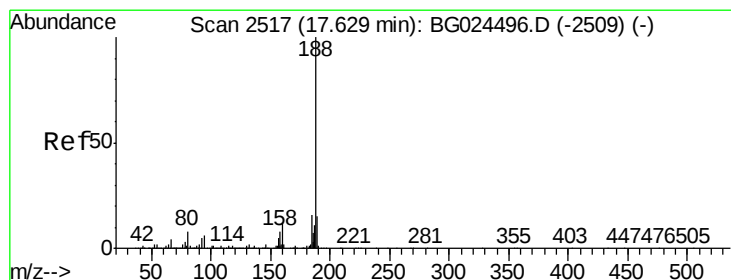
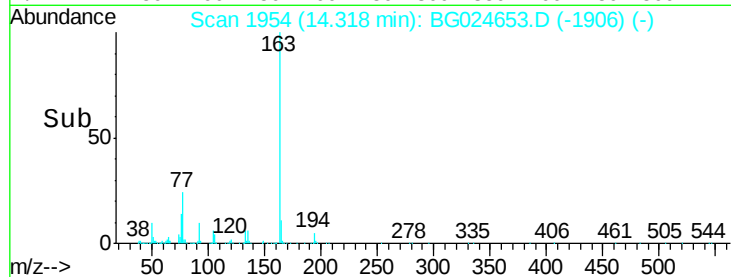
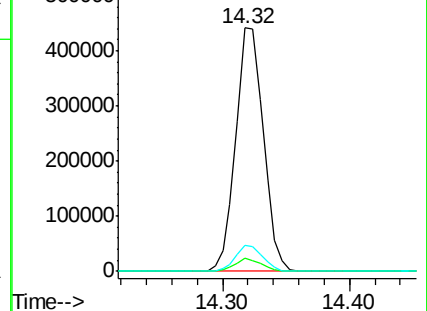
164 10.9 9.3 13.9



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: 17.63 min Scan# 2517

Delta R.T. -0.00 min

Lab File: BG024653.D

Acq: 3 Nov 2016 15:09

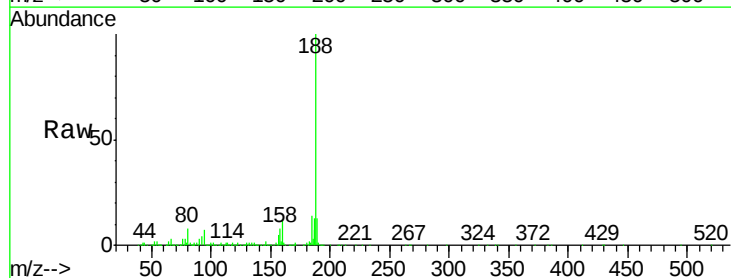
Tgt Ion:188 Resp: 757439

Ion Ratio Lower Upper

188 100

94 6.5 5.8 8.8

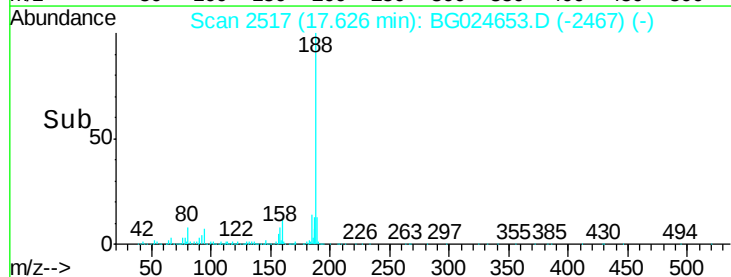
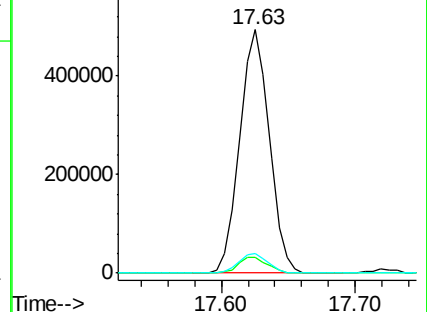
80 8.0 7.5 11.3

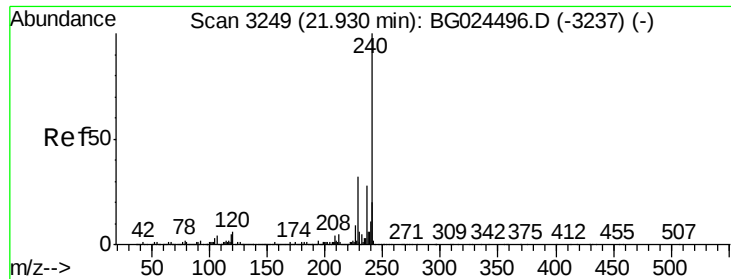


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.92 min Scan# 3248

Delta R.T. -0.01 min

Lab File: BG024653.D

Acq: 3 Nov 2016 15:09

Instrument :

BNA\_G

ClientSampleId :

SB-6(6-8)

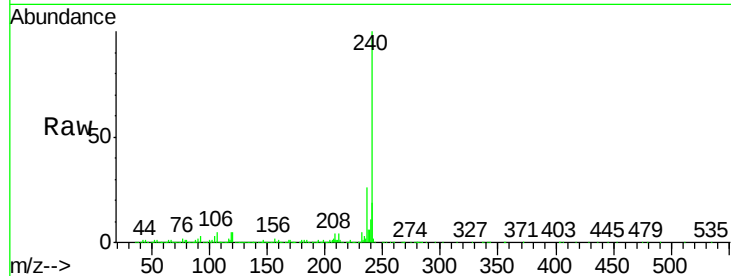
Tgt Ion:240 Resp: 1066613

Ion Ratio Lower Upper

240 100

120 5.3 5.7 8.5#

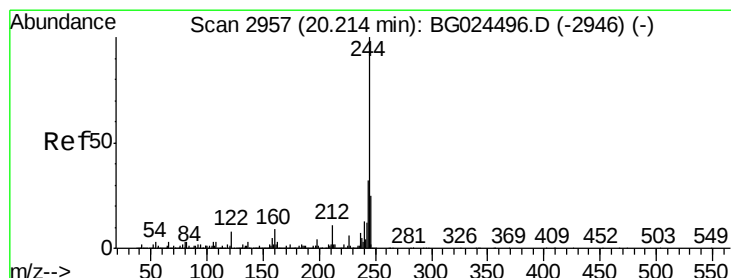
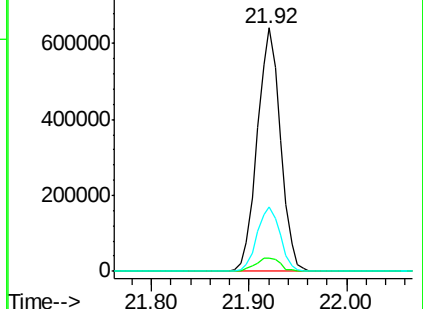
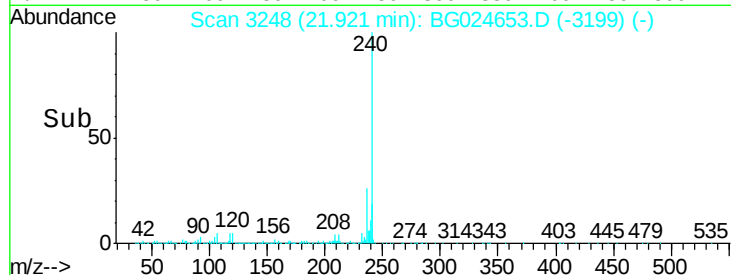
236 26.3 22.2 33.4



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: 92.43 ng

RT: 20.20 min Scan# 2956

Delta R.T. -0.01 min

Lab File: BG024653.D

Acq: 3 Nov 2016 15:09

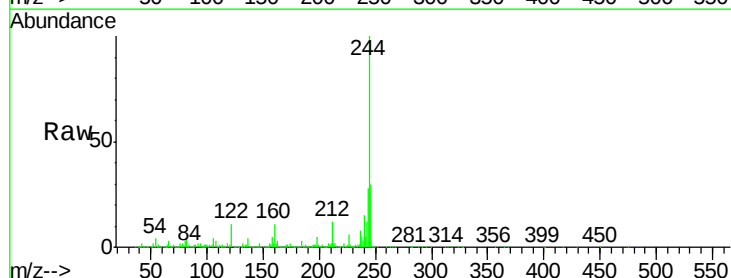
Tgt Ion:244 Resp: 3299146

Ion Ratio Lower Upper

244 100

212 12.3 10.0 15.0

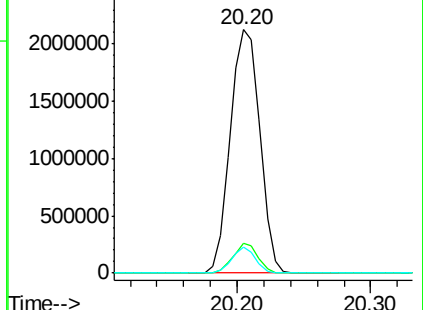
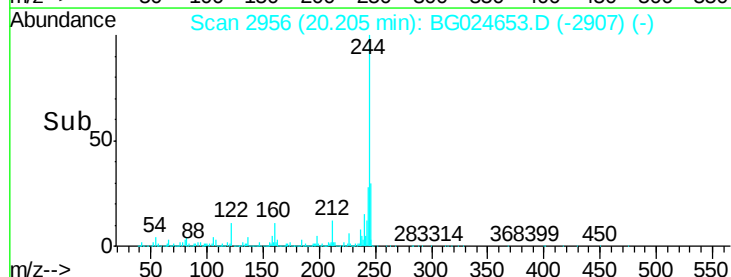
122 10.6 8.6 12.8

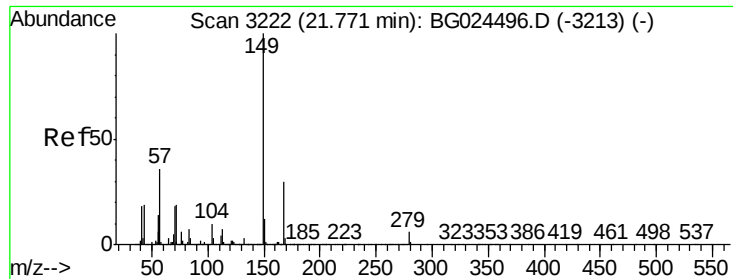


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

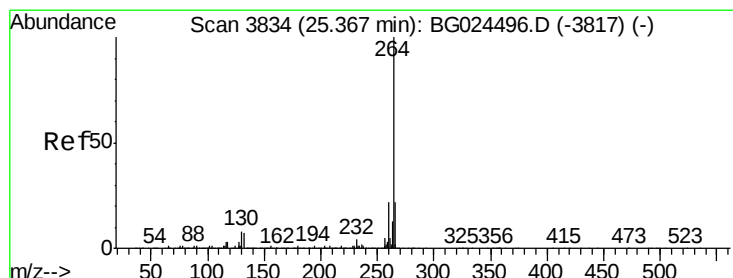
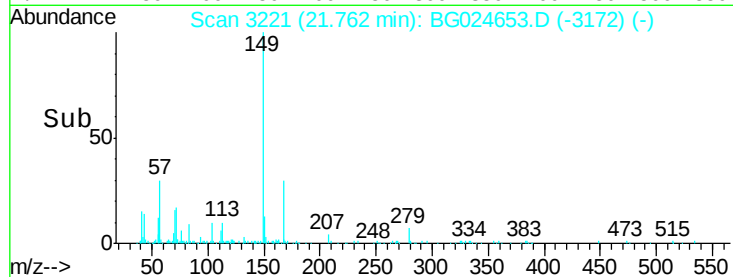
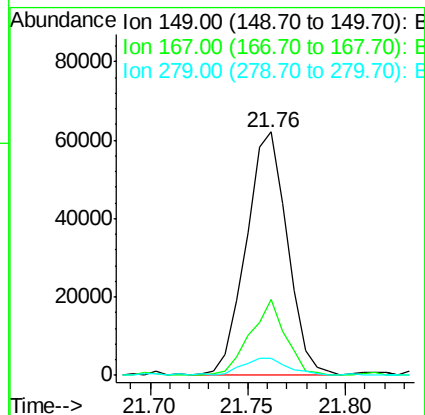
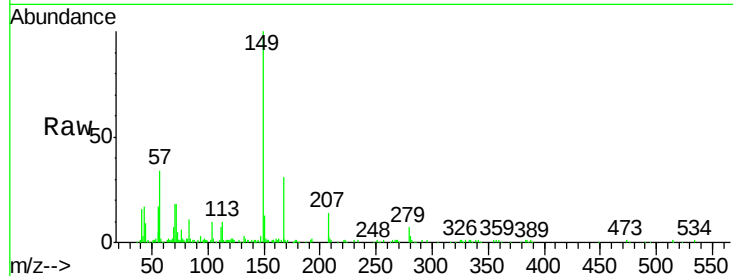




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 2.92 ng  
 RT: 21.76 min Scan# 3221  
 Delta R.T. -0.01 min  
 Lab File: BG024653.D  
 Acq: 3 Nov 2016 15:09

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-6(6-8)

Tgt Ion:149 Resp: 90719  
 Ion Ratio Lower Upper  
 149 100  
 167 31.0 23.7 35.5  
 279 7.2 4.6 6.8#



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 25.35 min Scan# 3831  
 Delta R.T. -0.02 min  
 Lab File: BG024653.D  
 Acq: 3 Nov 2016 15:09

Tgt Ion:264 Resp: 1112516  
 Ion Ratio Lower Upper  
 264 100  
 260 24.1 21.8 32.8  
 265 21.6 18.2 27.4

