

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG061016\  
 Data File : BG022292.D  
 Acq On : 10 Jun 2016 17:43  
 Operator : UM/SJ  
 Sample : H3448-13  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 7-VE-PILE-WALL(0-2)

Quant Time: Jun 10 23:23:16 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

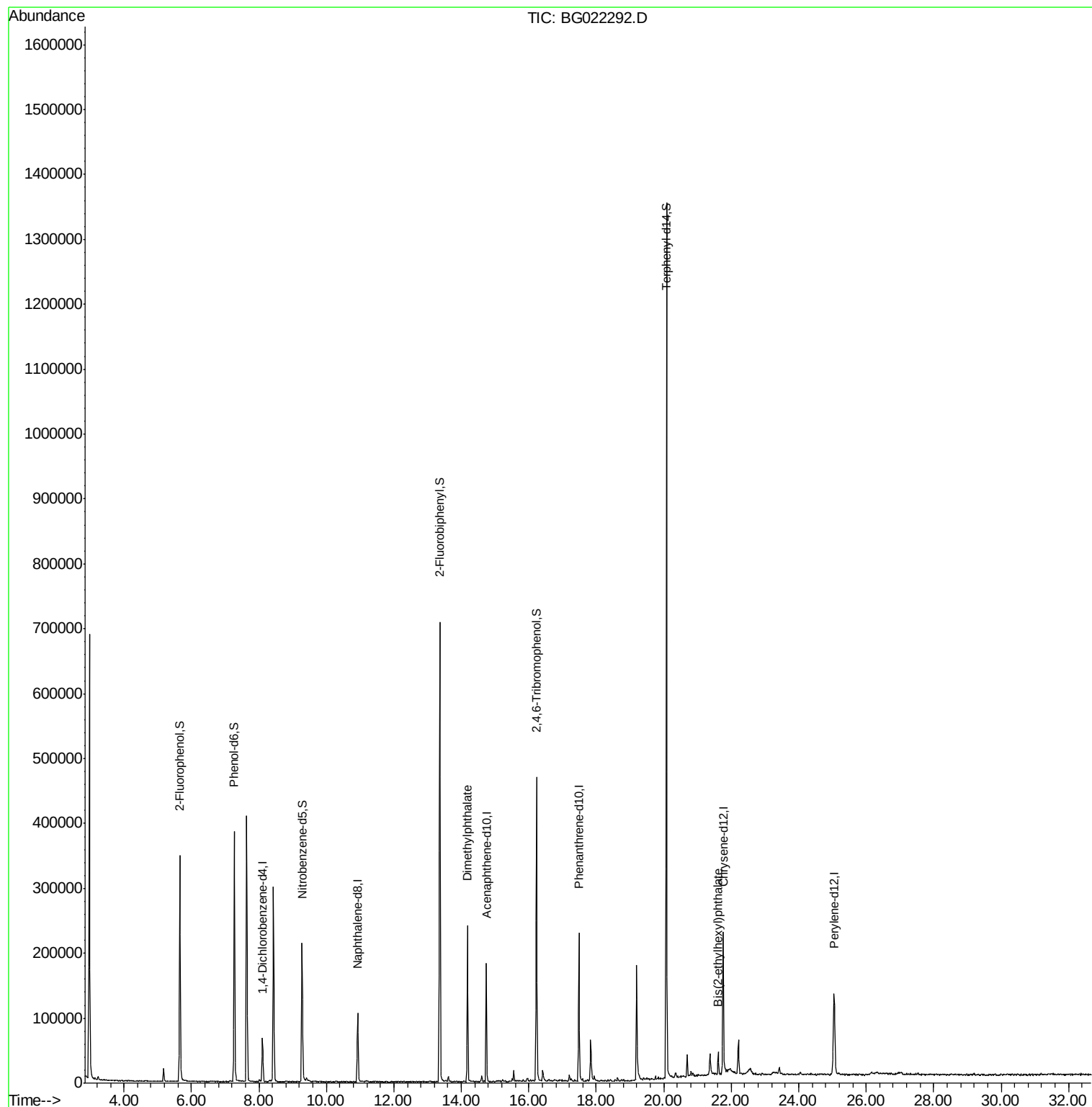
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min)   |
|--------------------------------|-------|------|----------|--------|-------|------------|
| 1) 1,4-Dichlorobenzene-d4      | 8.11  | 152  | 24584    | 20.00  | ng    | -0.02      |
| 21) Naphthalene-d8             | 10.93 | 136  | 117178   | 20.00  | ng    | -0.01      |
| 38) Acenaphthene-d10           | 14.74 | 164  | 70181    | 20.00  | ng    | -0.01      |
| 63) Phenanthrene-d10           | 17.48 | 188  | 153582   | 20.00  | ng    | -0.01      |
| 75) Chrysene-d12               | 21.76 | 240  | 146968   | 20.00  | ng    | -0.01      |
| 86) Perylene-d12               | 25.05 | 264  | 139329   | 20.00  | ng    | -0.01      |
| System Monitoring Compounds    |       |      |          |        |       |            |
| 5) 2-Fluorophenol              | 5.65  | 112  | 222079   | 174.66 | ng    | -0.01      |
| 7) Phenol-d6                   | 7.27  | 99   | 324153   | 162.15 | ng    | 0.00       |
| 23) Nitrobenzene-d5            | 9.28  | 82   | 175494   | 104.41 | ng    | -0.01      |
| 41) 2,4,6-Tribromophenol       | 16.23 | 330  | 99415    | 125.36 | ng    | 0.00       |
| 44) 2-Fluorobiphenyl           | 13.36 | 172  | 418778   | 90.94  | ng    | -0.01      |
| 78) Terphenyl-d14              | 20.08 | 244  | 619581   | 100.09 | ng    | 0.00       |
| Target Compounds               |       |      |          |        |       |            |
| 49) Dimethylphthalate          | 14.18 | 163  | 191798   | 32.96  | ng    | Qvalue 100 |
| 83) Bis(2-ethylhexyl)phthalate | 21.61 | 149  | 17106    | 2.75   | ng    | # 94       |

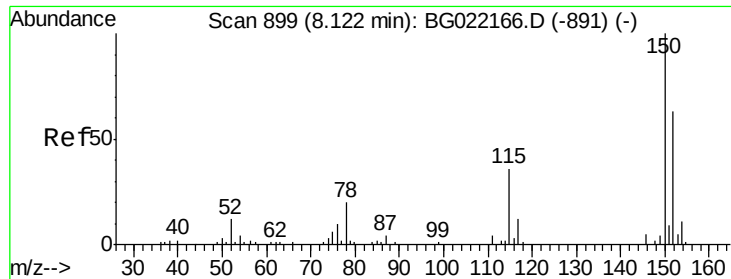
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 06 16:12:45 2016  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.11 min Scan# 896

Delta R.T. -0.02 min

Lab File: BG022292.D

Acq: 10 Jun 2016 17:43

Instrument :

BNA\_G

ClientSampleId :

7-VE-PILE-WALL(0-2)

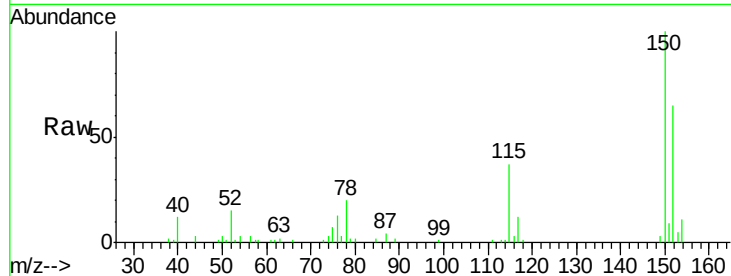
Tgt Ion:152 Resp: 24584

Ion Ratio Lower Upper

152 100

150 153.5 130.1 195.1

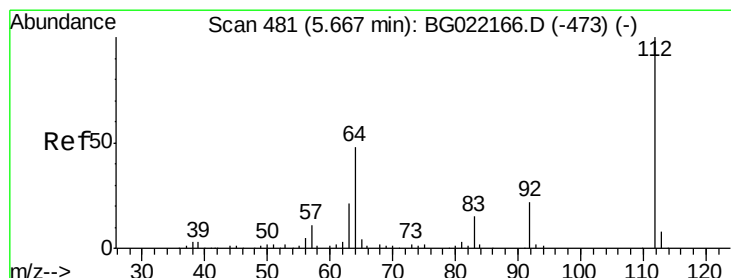
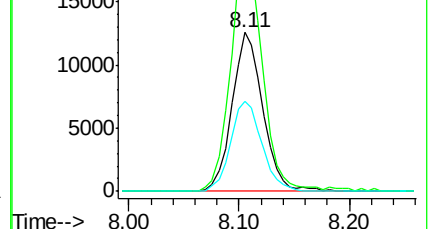
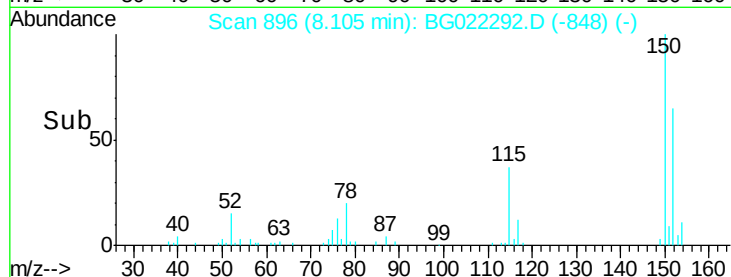
115 57.1 62.2 93.2#



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: 174.66 ng

RT: 5.65 min Scan# 479

Delta R.T. -0.01 min

Lab File: BG022292.D

Acq: 10 Jun 2016 17:43

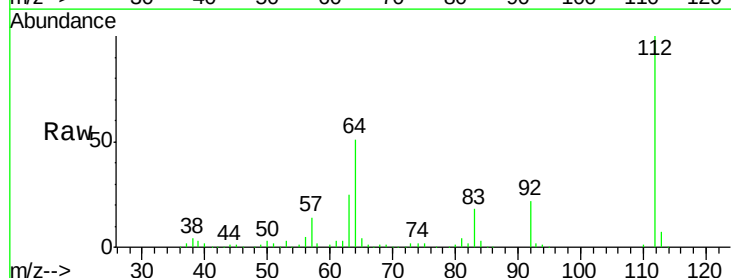
Tgt Ion:112 Resp: 222079

Ion Ratio Lower Upper

112 100

64 51.4 51.1 76.7

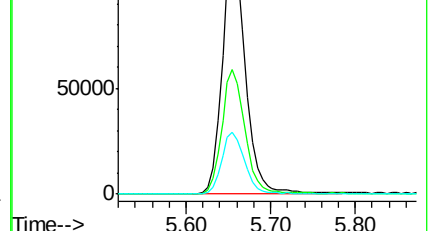
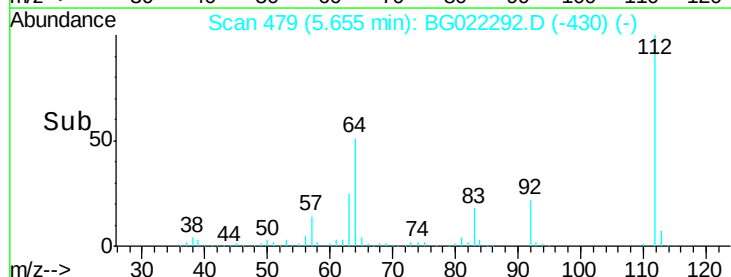
63 25.3 24.6 37.0

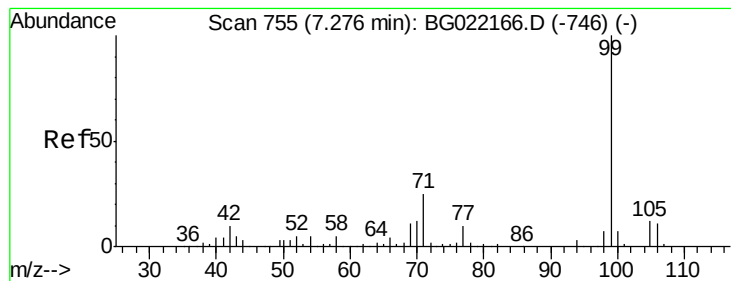


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 162.15 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG022292.D

Acq: 10 Jun 2016 17:43

Instrument :

BNA\_G

ClientSampleId :

7-VE-PILE-WALL(0-2)

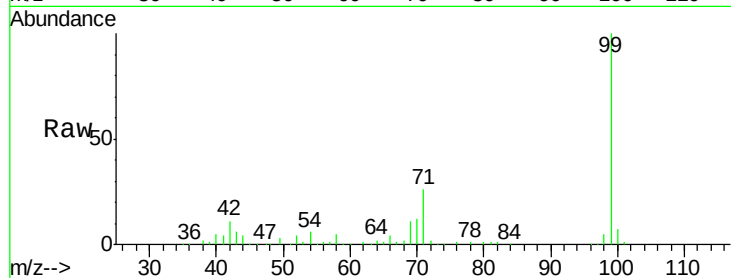
Tgt Ion: 99 Resp: 324153

Ion Ratio Lower Upper

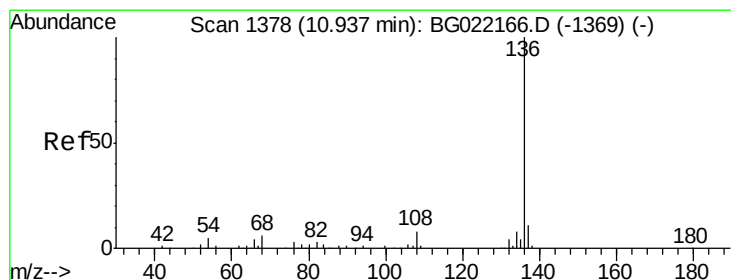
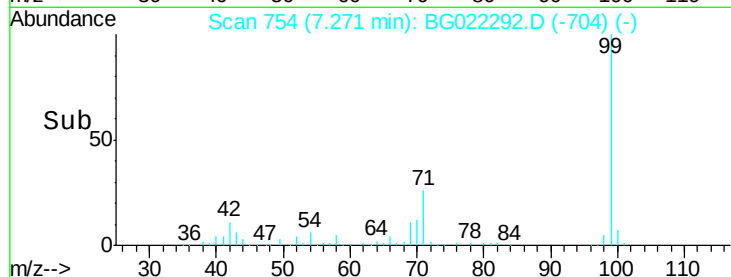
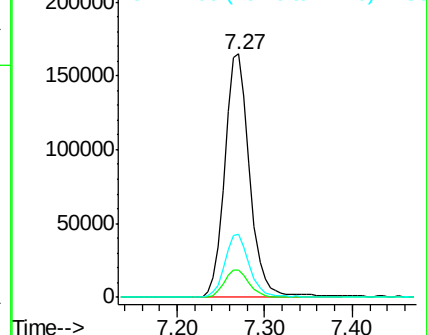
99 100

42 11.4 16.4 24.6#

71 25.9 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: 10.93 min Scan# 1376

Delta R.T. -0.01 min

Lab File: BG022292.D

Acq: 10 Jun 2016 17:43

Tgt Ion: 136 Resp: 117178

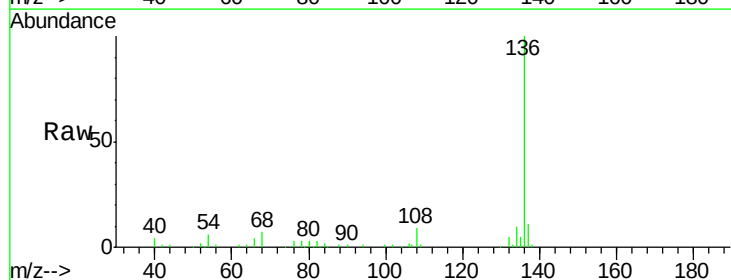
Ion Ratio Lower Upper

136 100

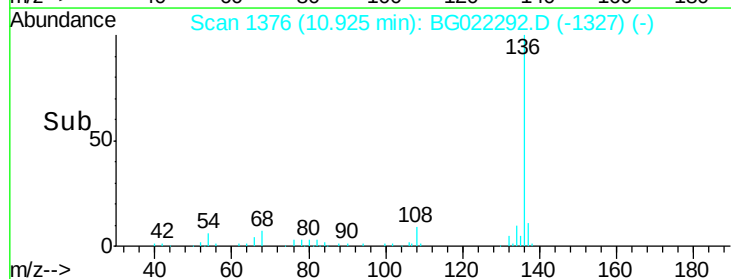
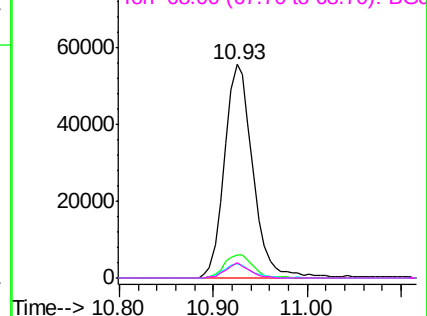
137 10.6 9.0 13.4

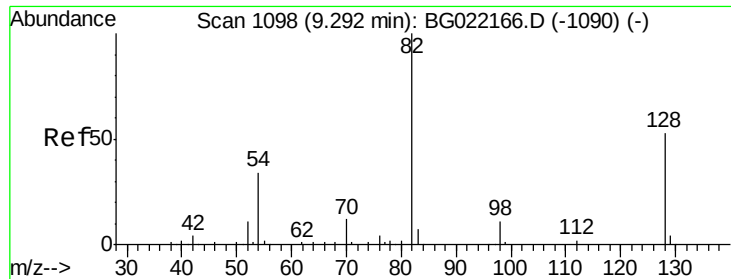
54 6.4 9.6 14.4#

68 7.0 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

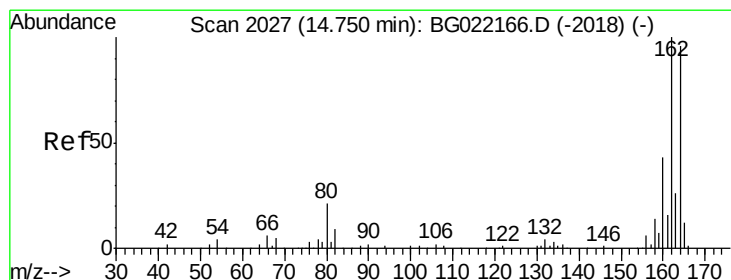
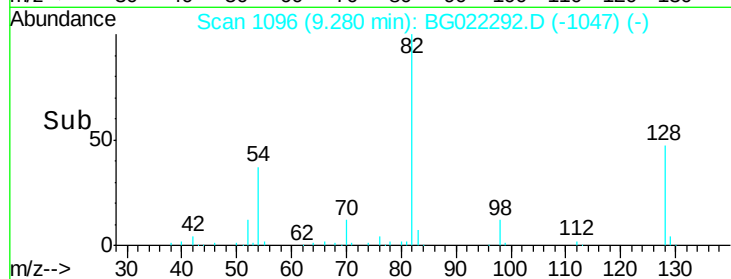
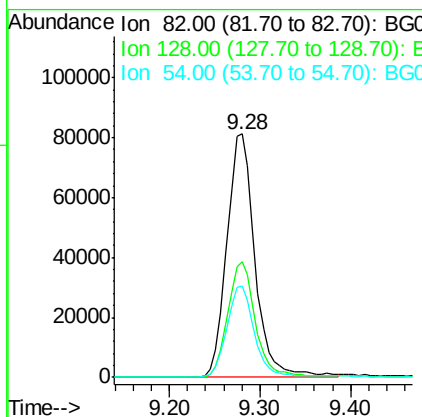
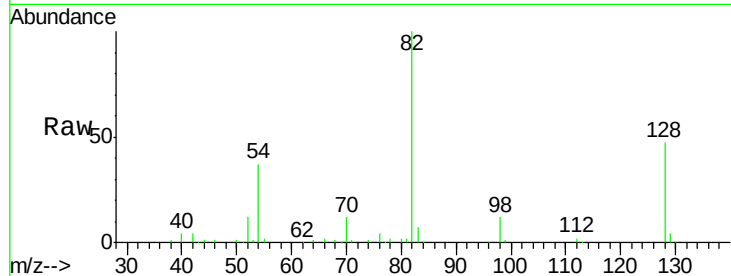




#23  
 Nitrobenzene-d5  
 Concen: 104.41 ng  
 RT: 9.28 min Scan# 1096  
 Delta R.T. -0.01 min  
 Lab File: BG022292.D  
 Acq: 10 Jun 2016 17:43

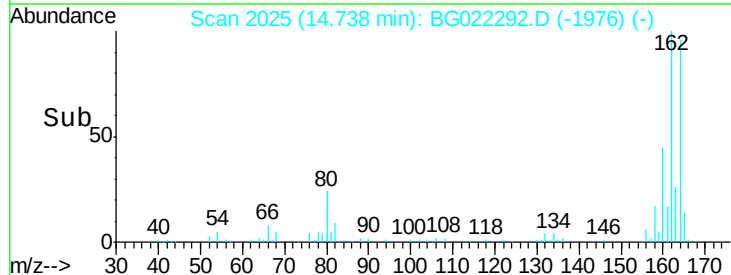
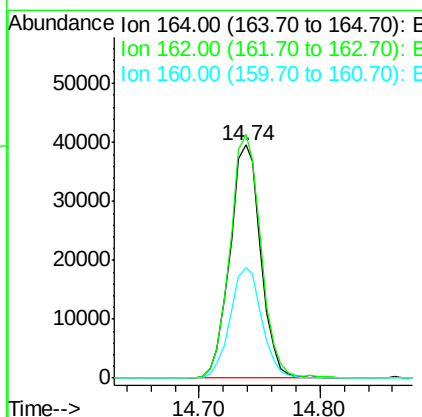
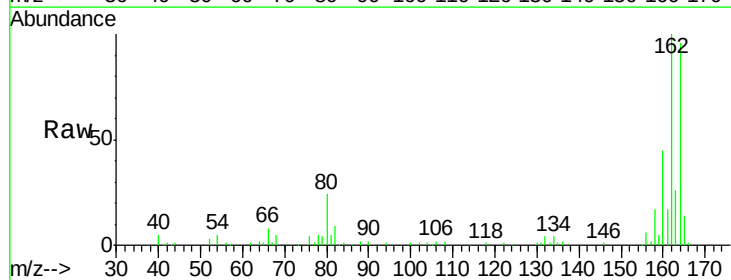
Instrument :  
 BNA\_G  
 ClientSampleId :  
 7-VE-PILE-WALL(0-2)

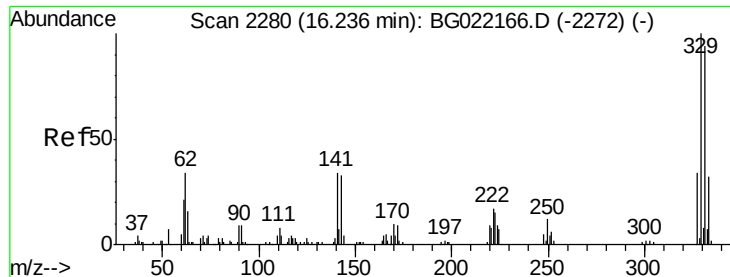
Tgt Ion: 82 Resp: 175494  
 Ion Ratio Lower Upper  
 82 100  
 128 47.3 33.4 50.0  
 54 37.3 46.1 69.1#



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 14.74 min Scan# 2025  
 Delta R.T. -0.01 min  
 Lab File: BG022292.D  
 Acq: 10 Jun 2016 17:43

Tgt Ion: 164 Resp: 70181  
 Ion Ratio Lower Upper  
 164 100  
 162 104.6 78.0 117.0  
 160 47.6 32.9 49.3





#41

2,4,6-Tribromophenol

Concen: 125.36 ng

RT: 16.23 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BG022292.D

Acq: 10 Jun 2016 17:43

Instrument :

BNA\_G

ClientSampleId :

7-VE-PILE-WALL(0-2)

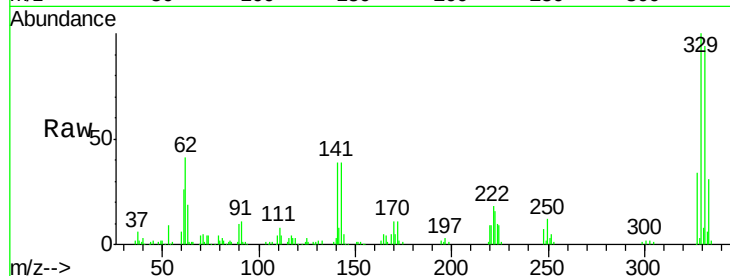
Tgt Ion:330 Resp: 99415

Ion Ratio Lower Upper

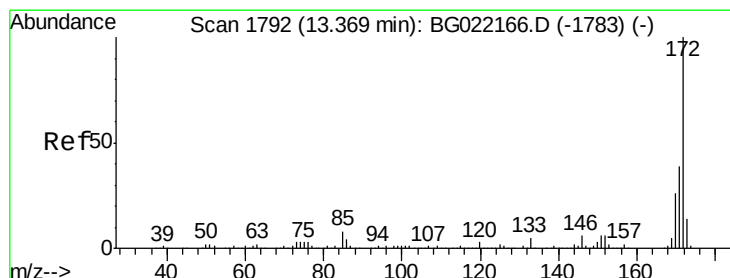
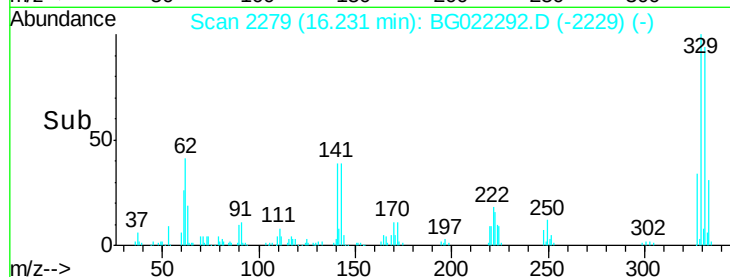
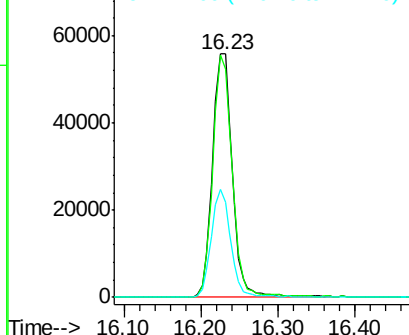
330 100

332 96.2 78.0 117.0

141 42.9 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: 90.94 ng

RT: 13.36 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BG022292.D

Acq: 10 Jun 2016 17:43

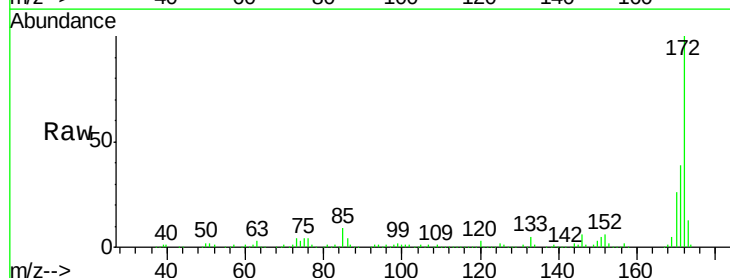
Tgt Ion:172 Resp: 418778

Ion Ratio Lower Upper

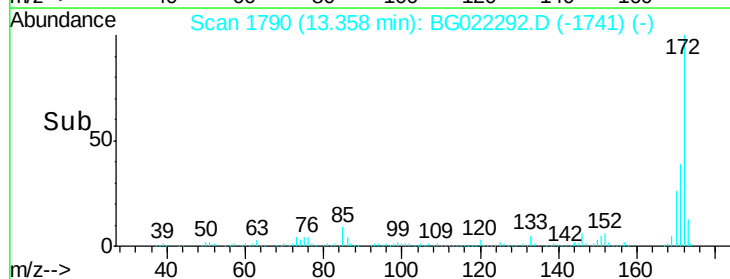
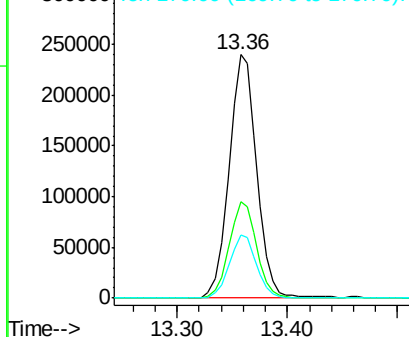
172 100

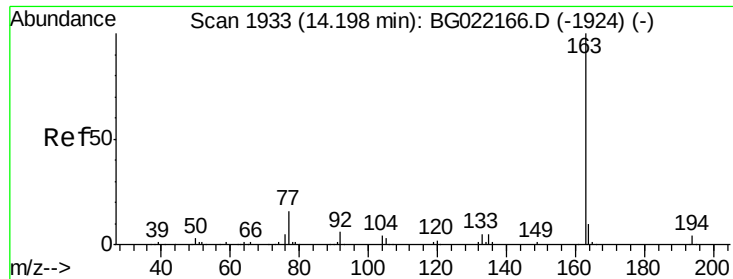
171 39.4 27.8 41.6

170 25.8 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: 32.96 ng

RT: 14.18 min Scan# 1930

Delta R.T. -0.02 min

Lab File: BG022292.D

Acq: 10 Jun 2016 17:43

Instrument :

BNA\_G

ClientSampleId :

7-VE-PILE-WALL(0-2)

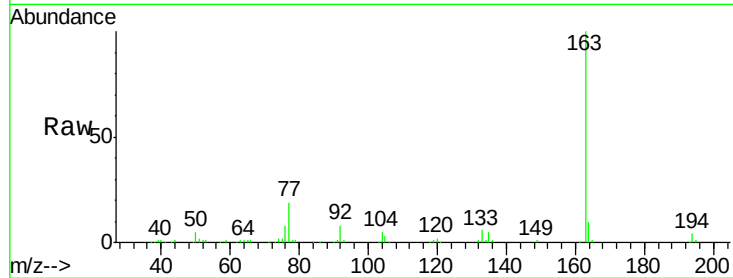
Tgt Ion:163 Resp: 191798

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.6

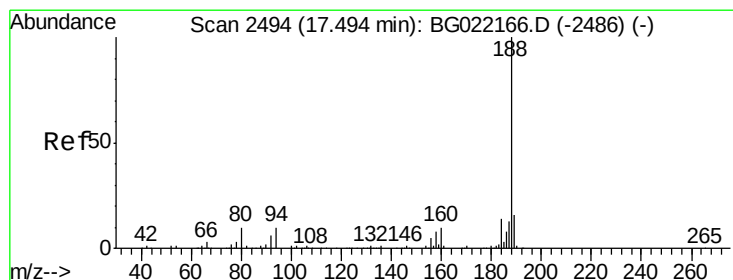
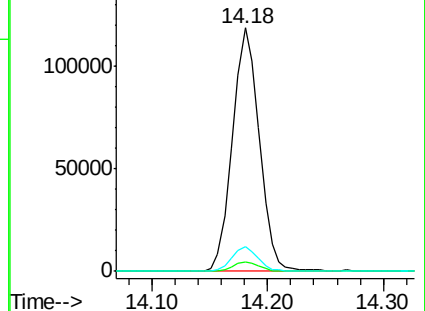
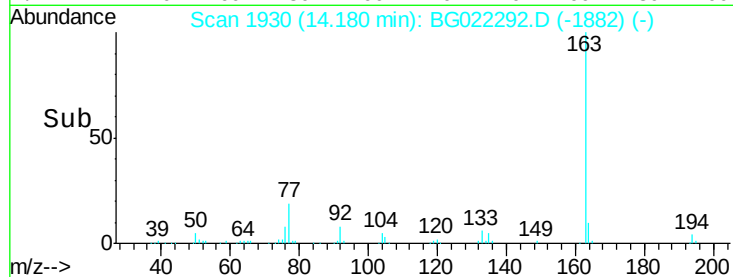
164 10.0 8.1 12.1



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: 17.48 min Scan# 2492

Delta R.T. -0.01 min

Lab File: BG022292.D

Acq: 10 Jun 2016 17:43

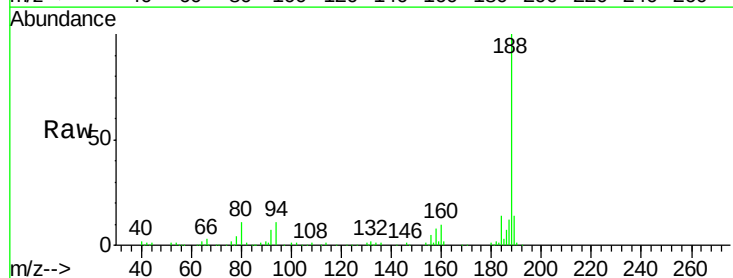
Tgt Ion:188 Resp: 153582

Ion Ratio Lower Upper

188 100

94 11.1 7.5 11.3

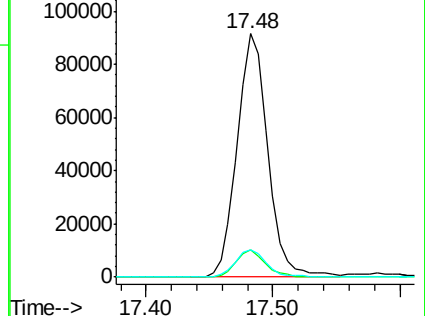
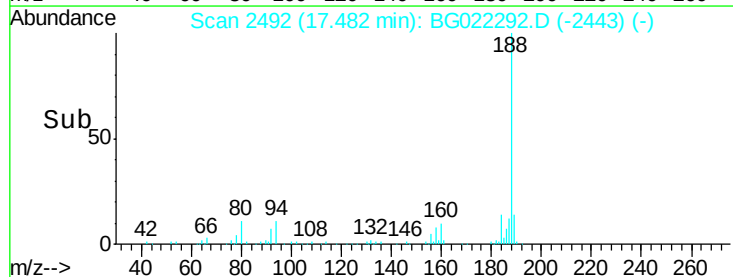
80 11.3 8.6 13.0

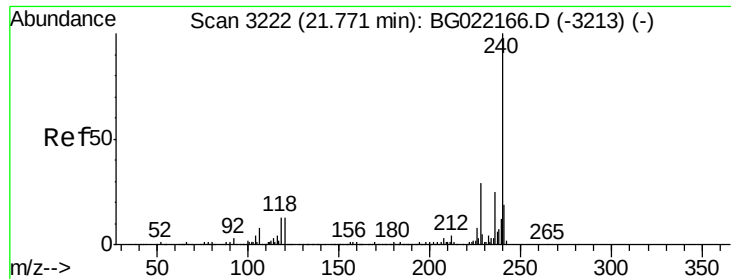


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.76 min Scan# 3220

Delta R.T. -0.01 min

Lab File: BG022292.D

Acq: 10 Jun 2016 17:43

Instrument :

BNA\_G

ClientSampleId :

7-VE-PILE-WALL(0-2)

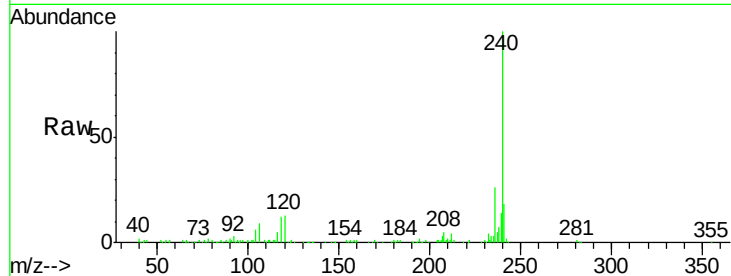
Tgt Ion:240 Resp: 146968

Ion Ratio Lower Upper

240 100

120 12.8 8.4 12.6#

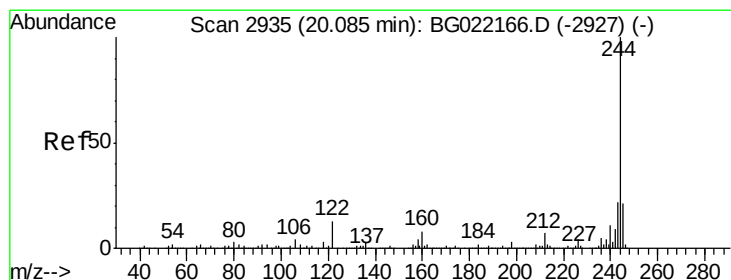
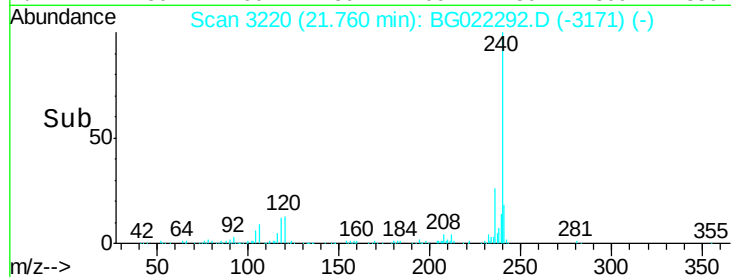
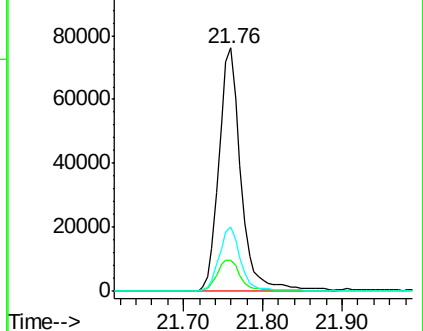
236 26.4 19.6 29.4



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: 100.09 ng

RT: 20.08 min Scan# 2934

Delta R.T. -0.01 min

Lab File: BG022292.D

Acq: 10 Jun 2016 17:43

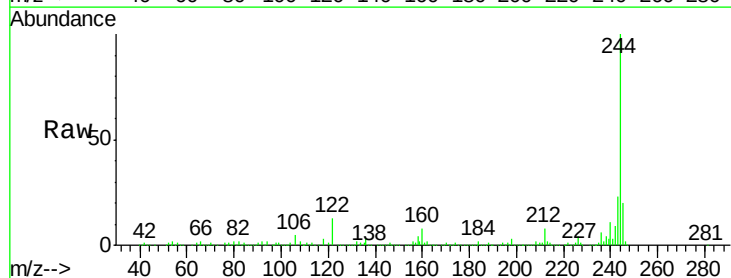
Tgt Ion:244 Resp: 619581

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

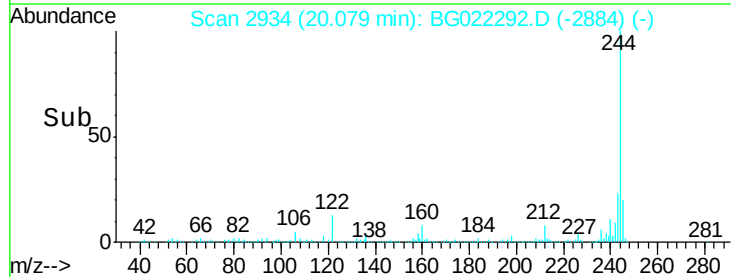
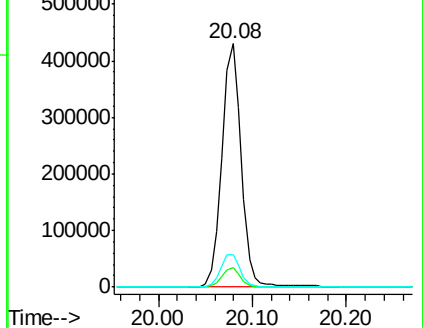
122 13.4 8.6 12.8#



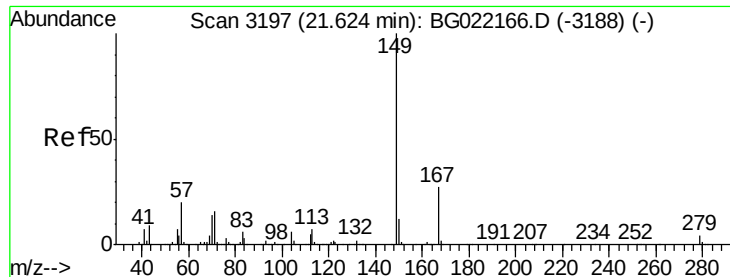
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E







#83

Bis(2-ethylhexyl)phthalate

Concen: 2.75 ng

RT: 21.61 min Scan# 3195

Delta R.T. -0.01 min

Lab File: BG022292.D

Acq: 10 Jun 2016 17:43

Instrument :

BNA\_G

ClientSampleId :

7-VE-PILE-WALL(0-2)

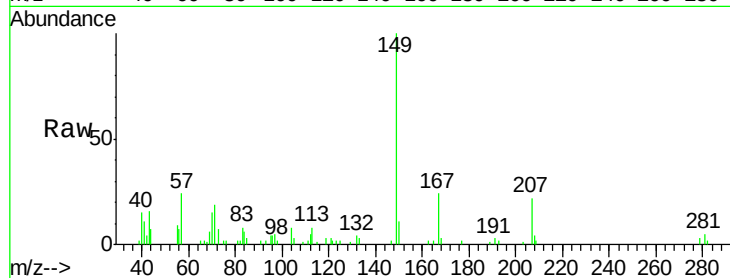
Tgt Ion:149 Resp: 17106

Ion Ratio Lower Upper

149 100

167 24.5 22.4 33.6

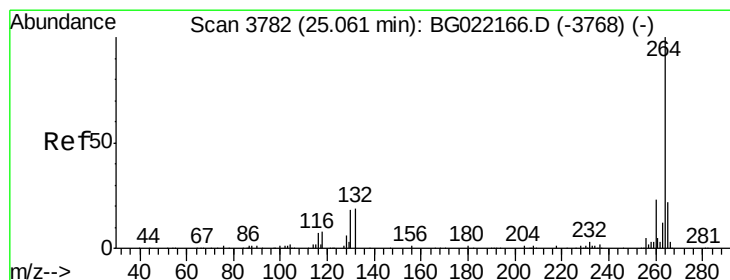
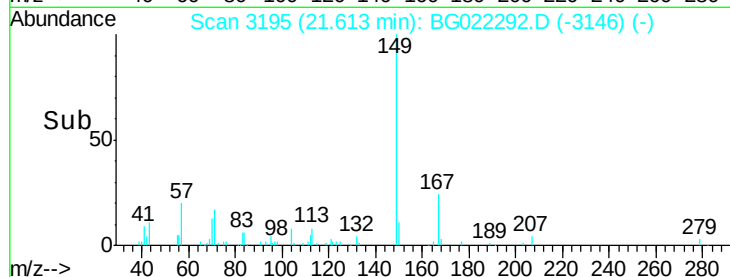
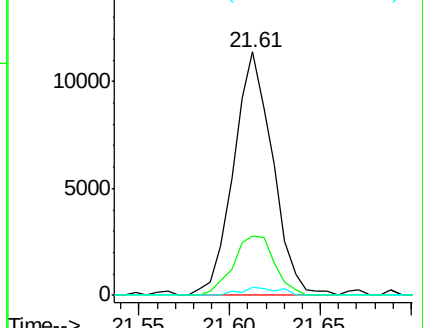
279 3.2 3.2 4.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.05 min Scan# 3780

Delta R.T. -0.01 min

Lab File: BG022292.D

Acq: 10 Jun 2016 17:43

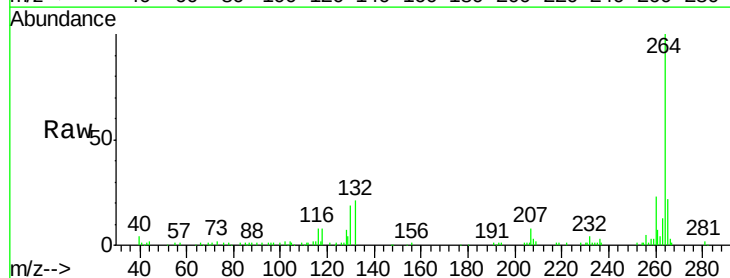
Tgt Ion:264 Resp: 139329

Ion Ratio Lower Upper

264 100

260 23.2 20.2 30.4

265 21.6 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

