

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG122217\  
 Data File : BG031717.D  
 Acq On : 22 Dec 2017 18:47  
 Operator : SJ/JU  
 Sample : I7002-07  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EPE-106-3DS(60-62)

Quant Time: Dec 23 01:37:03 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG122117.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 22 11:08:55 2017  
 Response via : Initial Calibration

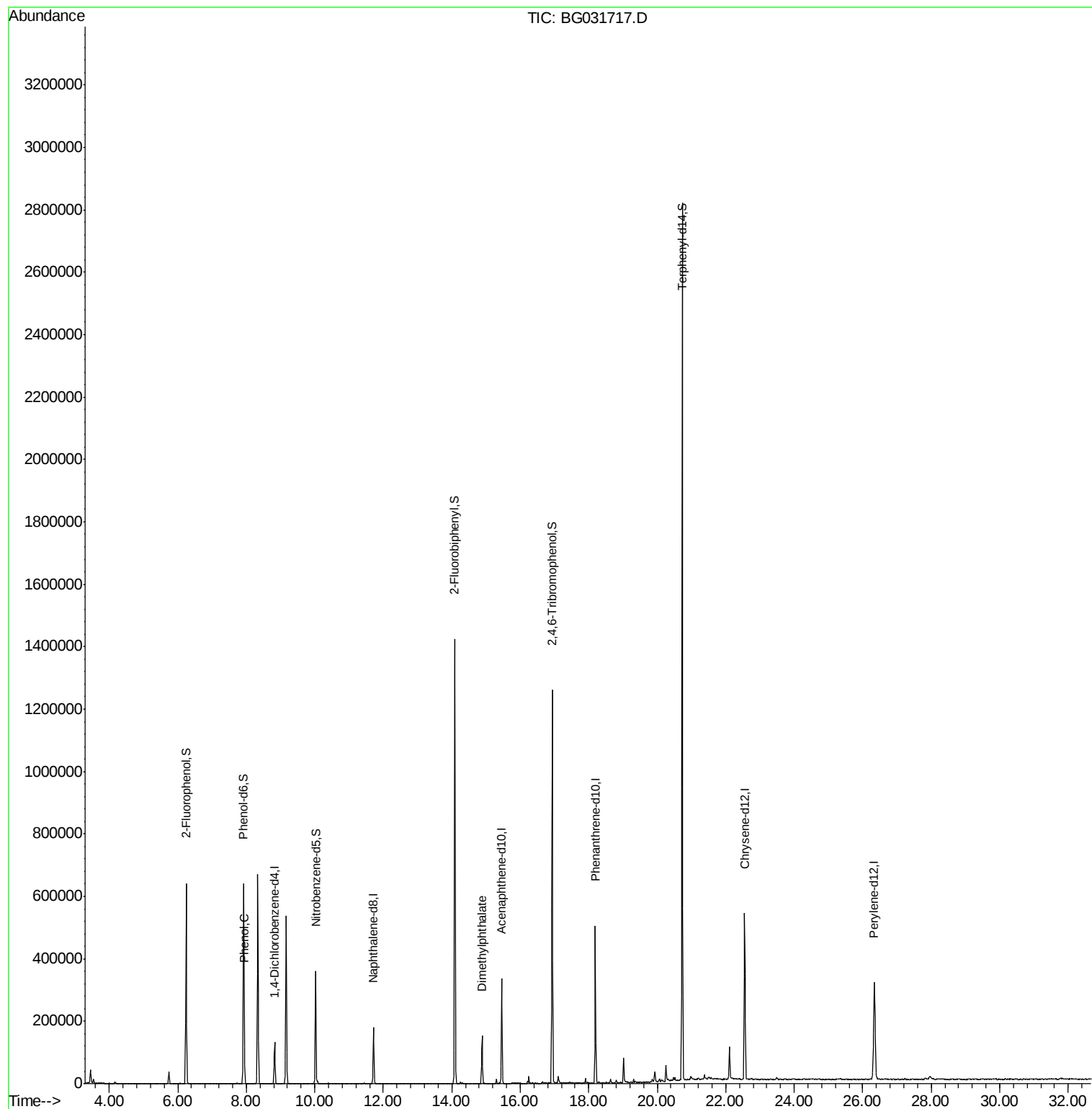
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.83  | 152  | 46277    | 20.00  | ng    | -0.01     |
| 21) Naphthalene-d8          | 11.71 | 136  | 183269   | 20.00  | ng    | -0.01     |
| 38) Acenaphthene-d10        | 15.46 | 164  | 129629   | 20.00  | ng    | -0.01     |
| 63) Phenanthrene-d10        | 18.19 | 188  | 340307   | 20.00  | ng    | -0.01     |
| 75) Chrysene-d12            | 22.55 | 240  | 399830   | 20.00  | ng    | -0.02     |
| 86) Perylene-d12            | 26.34 | 264  | 425332   | 20.00  | ng    | -0.02     |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 6.24  | 112  | 351216   | 138.23 | ng    | 0.00      |
| 7) Phenol-d6                | 7.92  | 99   | 449417   | 136.24 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 10.03 | 82   | 231441   | 95.36  | ng    | -0.01     |
| 41) 2,4,6-Tribromophenol    | 16.94 | 330  | 308461   | 155.95 | ng    | 0.00      |
| 44) 2-Fluorobiphenyl        | 14.09 | 172  | 874893   | 84.71  | ng    | -0.01     |
| 78) Terphenyl-d14           | 20.73 | 244  | 1528621  | 87.35  | ng    | -0.01     |
| Target Compounds            |       |      |          |        |       |           |
| 10) Phenol                  | 7.95  | 94   | 14506    | 4.356  | ng    | Qvalue 90 |
| 49) Dimethylphthalate       | 14.89 | 163  | 124223   | 10.878 | ng    | # 98      |

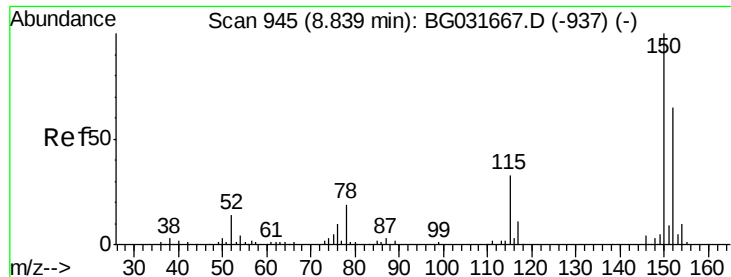
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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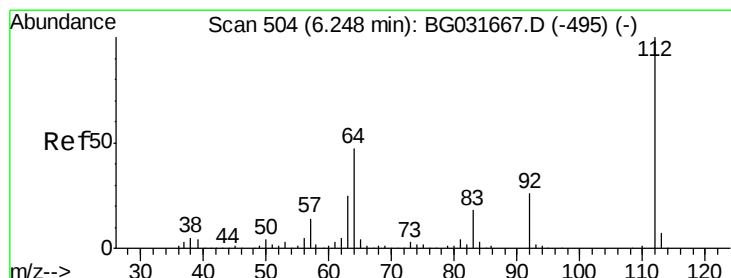
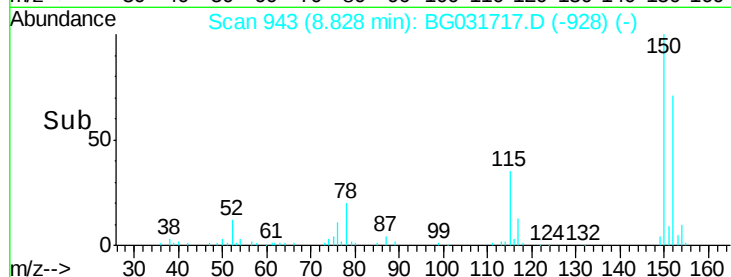
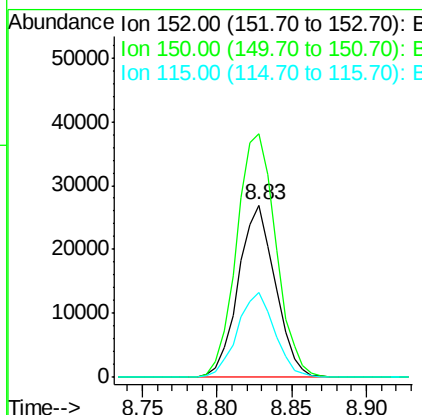
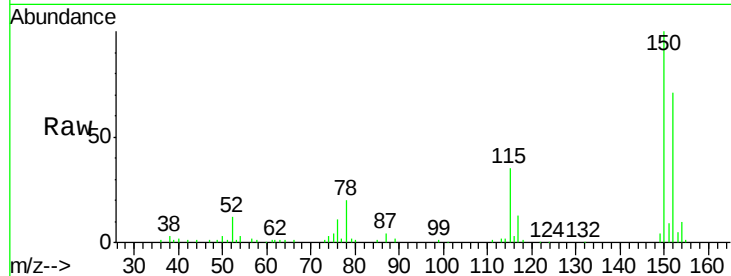


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.83 min Scan# 943  
Delta R.T. -0.01 min  
Lab File: BG031717.D  
Acq: 22 Dec 2017 18:47

Instrument :  
BNA\_G  
ClientSampleId :  
EPE-106-3DS(60-62)

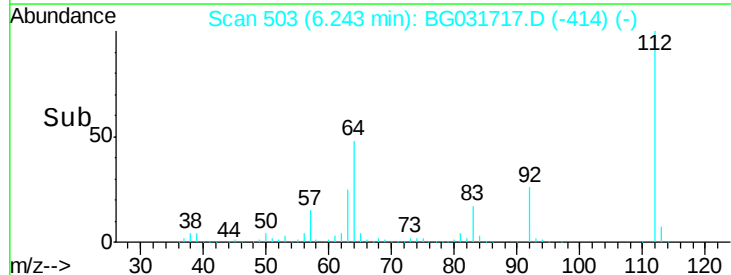
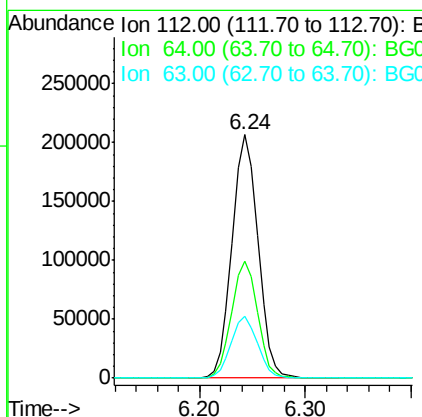
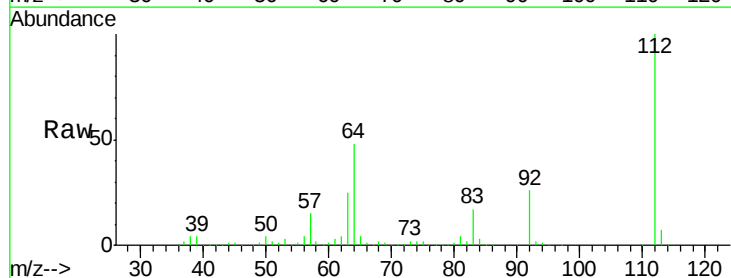
Tgt Ion:152 Resp: 46277  
Ion Ratio Lower Upper  
152 100  
150 141.5 126.6 189.8  
115 49.7 53.0 79.4#

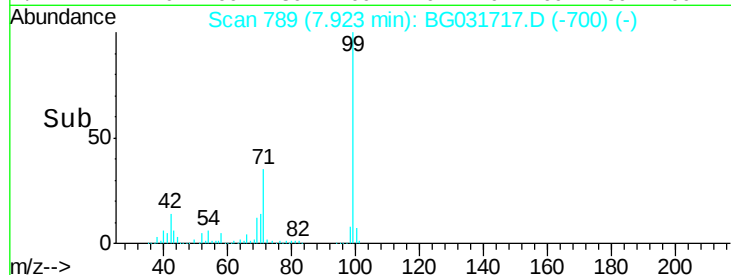
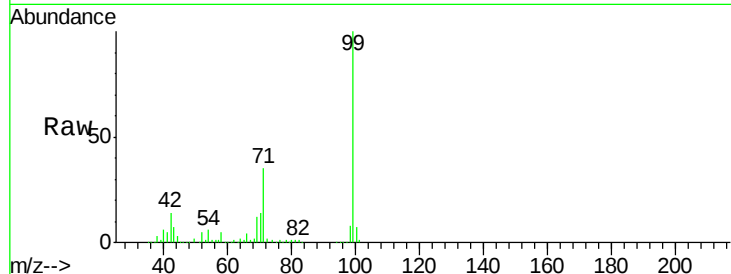


#5

2-Fluorophenol  
Concen: 138.233 ng  
RT: 6.24 min Scan# 503  
Delta R.T. -0.01 min  
Lab File: BG031717.D  
Acq: 22 Dec 2017 18:47

Tgt Ion:112 Resp: 351216  
Ion Ratio Lower Upper  
112 100  
64 48.0 56.3 84.5#  
63 25.3 30.1 45.1#





#7

Phenol-d6

Concen: 136.239 ng

RT: 7.92 min Scan# 789

Delta R.T. -0.01 min

Lab File: BG031717.D

Acq: 22 Dec 2017 18:47

Instrument :

BNA\_G

ClientSampleId :

EPE-106-3DS(60-62)

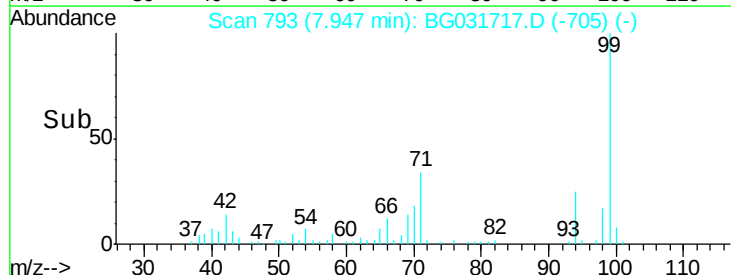
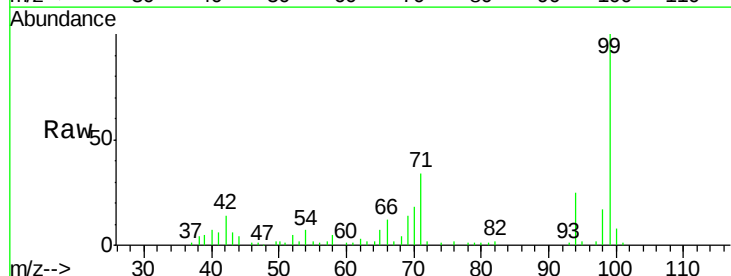
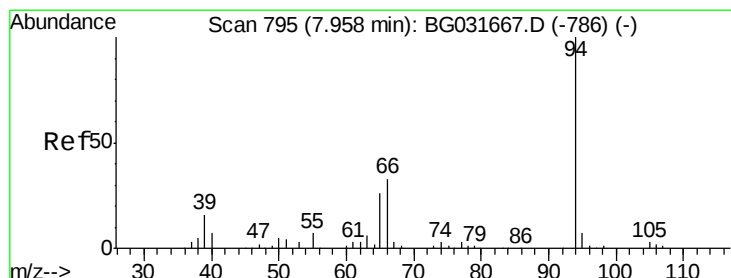
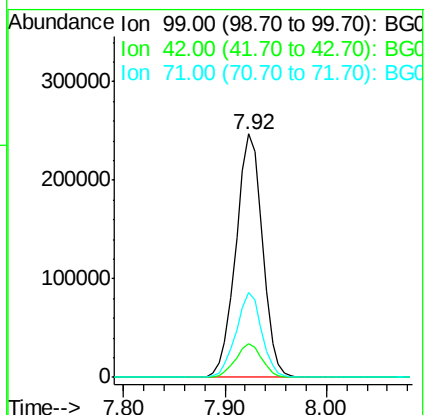
Tgt Ion: 99 Resp: 449417

Ion Ratio Lower Upper

99 100

42 14.1 14.1 21.1

71 34.7 26.1 39.1



#10

Phenol

Concen: 4.356 ng

RT: 7.95 min Scan# 793

Delta R.T. -0.01 min

Lab File: BG031717.D

Acq: 22 Dec 2017 18:47

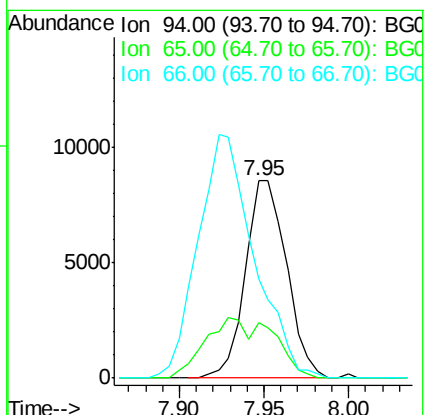
Tgt Ion: 94 Resp: 14506

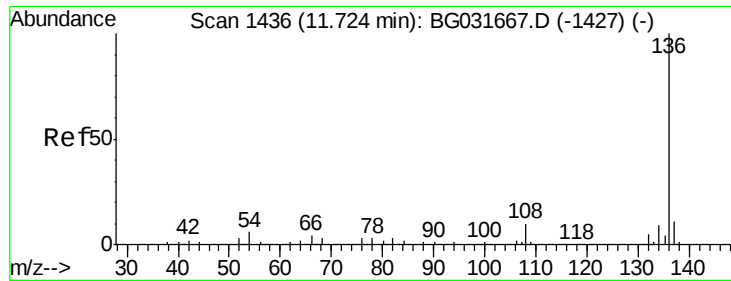
Ion Ratio Lower Upper

94 100

65 27.9 11.9 51.9

66 50.3 22.2 62.2

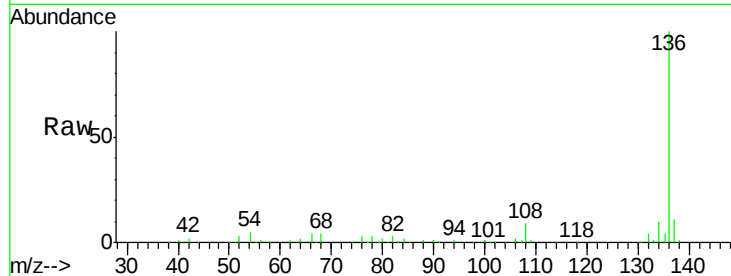




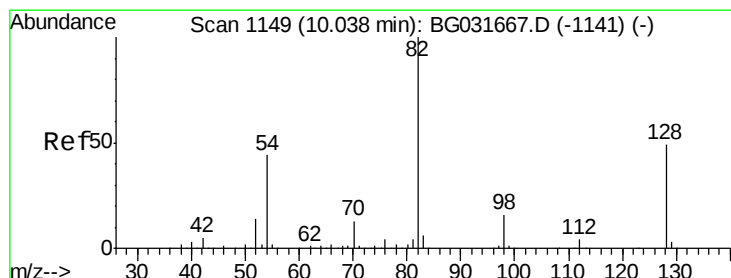
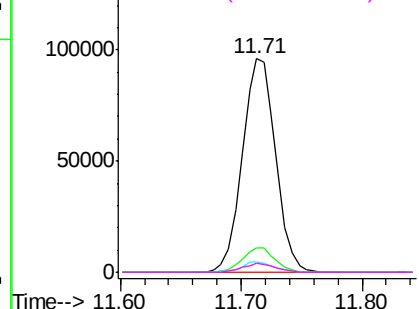
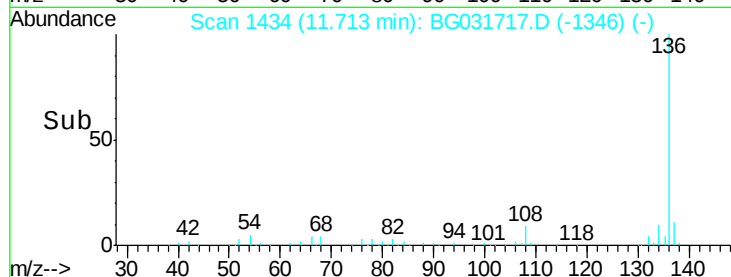
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.71 min Scan# 1434  
Delta R.T. -0.01 min  
Lab File: BG031717.D  
Acq: 22 Dec 2017 18:47

Instrument :  
BNA\_G  
ClientSampleId :  
EPE-106-3DS(60-62)

Tgt Ion: 136 Resp: 183269  
Ion Ratio Lower Upper  
136 100  
137 11.5 9.2 13.8  
54 4.7 10.3 15.5#  
68 4.4 4.5 6.7#

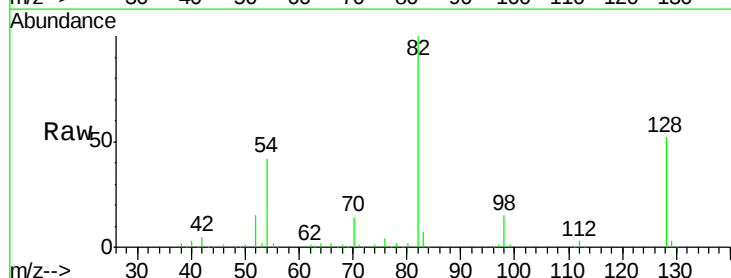


Abundance Ion 136.00 (135.70 to 136.70): E  
150000  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

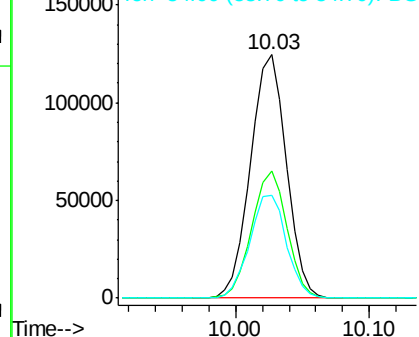
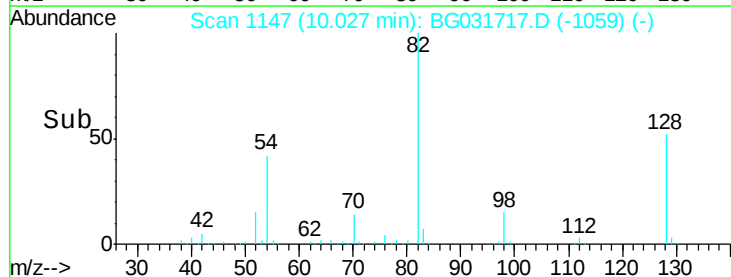


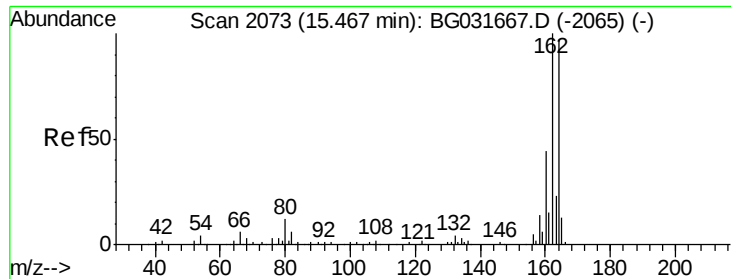
#23  
Nitrobenzene-d5  
Concen: 95.360 ng  
RT: 10.03 min Scan# 1147  
Delta R.T. -0.01 min  
Lab File: BG031717.D  
Acq: 22 Dec 2017 18:47

Tgt Ion: 82 Resp: 231441  
Ion Ratio Lower Upper  
82 100  
128 52.1 29.7 44.5#  
54 42.4 43.1 64.7#



Abundance Ion 82.00 (81.70 to 82.70): BGC  
150000  
Ion 128.00 (127.70 to 128.70): E  
Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.46 min Scan# 2071

Delta R.T. -0.01 min

Lab File: BG031717.D

Acq: 22 Dec 2017 18:47

Instrument :

BNA\_G

ClientSampleId :

EPE-106-3DS(60-62)

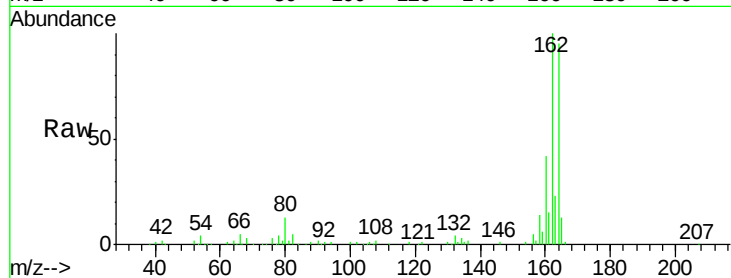
Tgt Ion:164 Resp: 129629

Ion Ratio Lower Upper

164 100

162 105.4 78.8 118.2

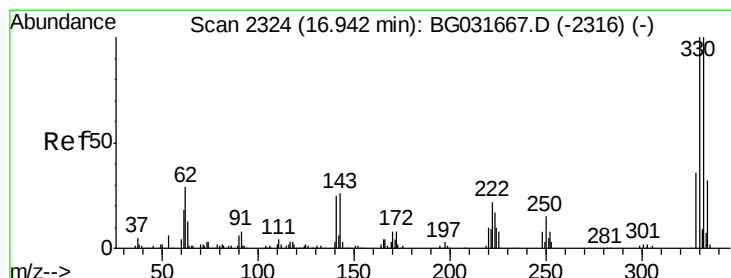
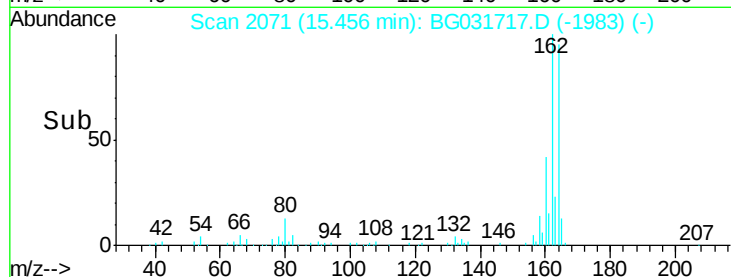
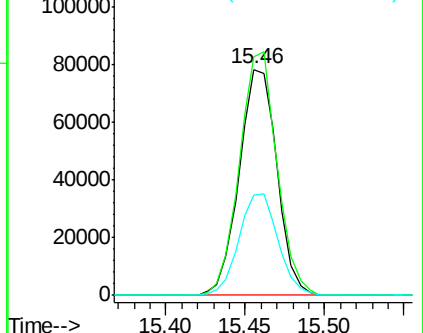
160 44.6 35.4 53.0



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: 155.949 ng

RT: 16.94 min Scan# 2323

Delta R.T. -0.01 min

Lab File: BG031717.D

Acq: 22 Dec 2017 18:47

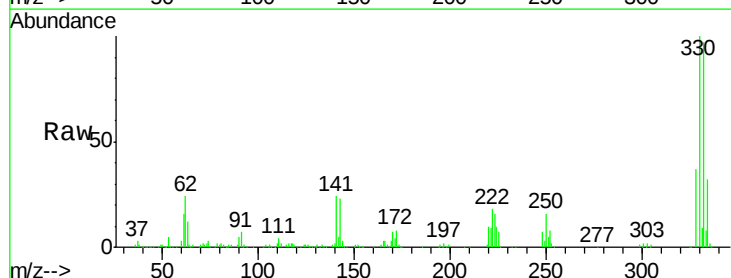
Tgt Ion:330 Resp: 308461

Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.6

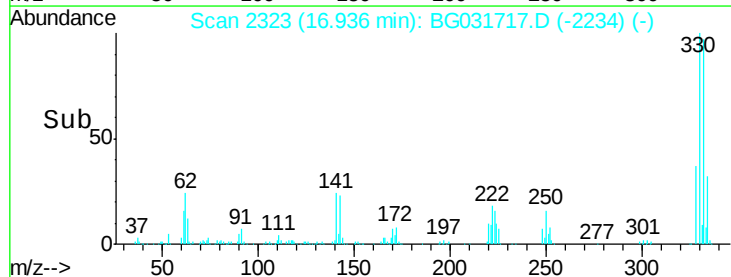
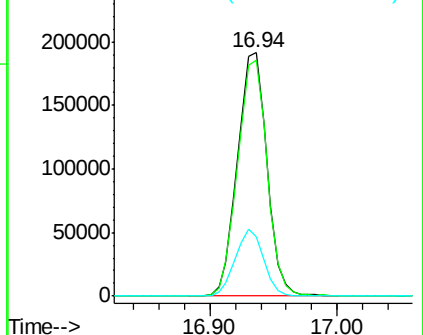
141 26.4 25.2 37.8

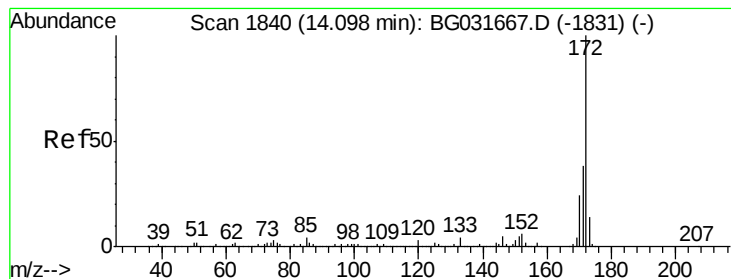


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 84.712 ng

RT: 14.09 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BG031717.D

Acq: 22 Dec 2017 18:47

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ClientSampleId :

EPE-106-3DS(60-62)

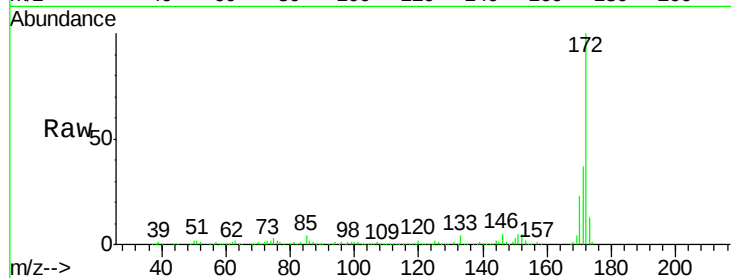
Tgt Ion:172 Resp: 874893

Ion Ratio Lower Upper

172 100

171 36.8 30.0 45.0

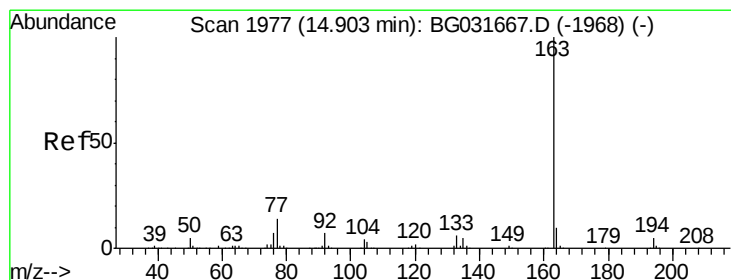
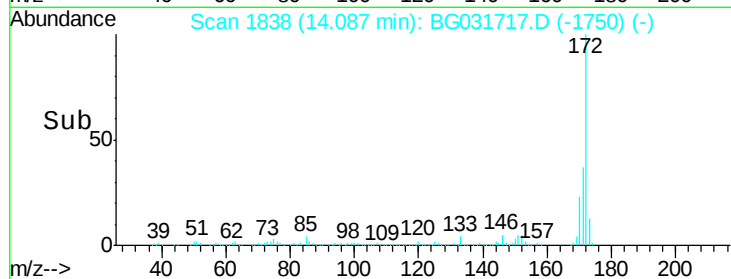
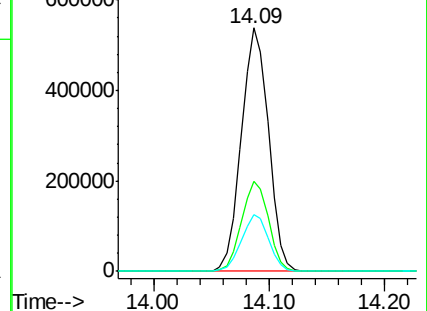
170 23.3 19.5 29.3



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: 10.878 ng

RT: 14.89 min Scan# 1974

Delta R.T. -0.02 min

Lab File: BG031717.D

Acq: 22 Dec 2017 18:47

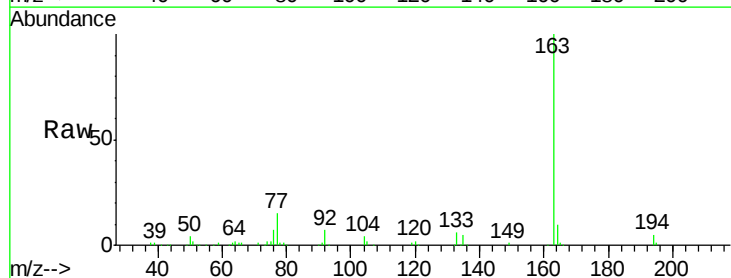
Tgt Ion:163 Resp: 124223

Ion Ratio Lower Upper

163 100

194 5.3 3.4 5.2#

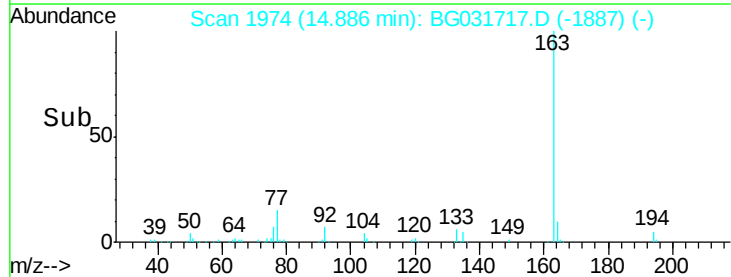
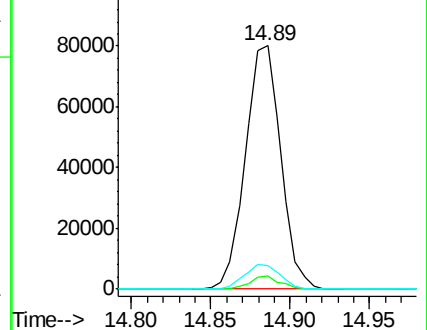
164 9.6 8.2 12.4

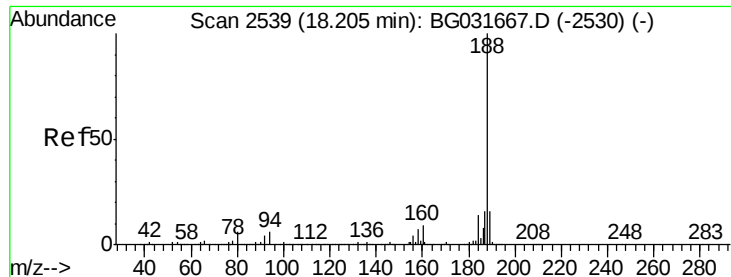


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.19 min Scan# 2537

Delta R.T. -0.01 min

Lab File: BG031717.D

Acq: 22 Dec 2017 18:47

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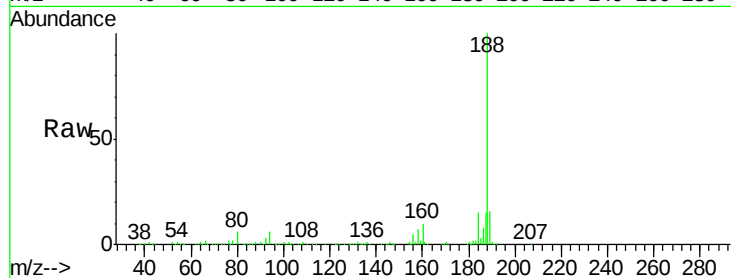
Tgt Ion:188 Resp: 340307

Ion Ratio Lower Upper

188 100

94 5.7 6.9 10.3#

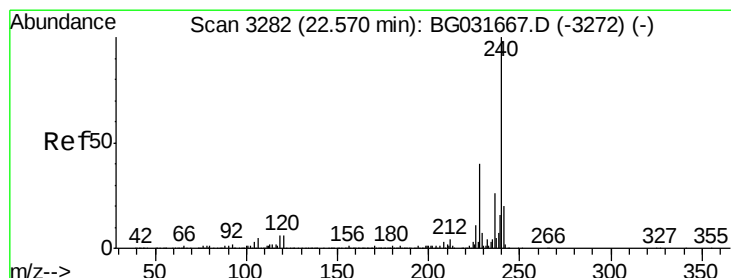
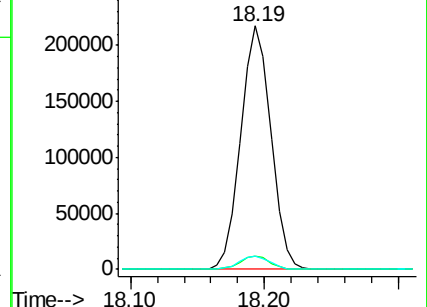
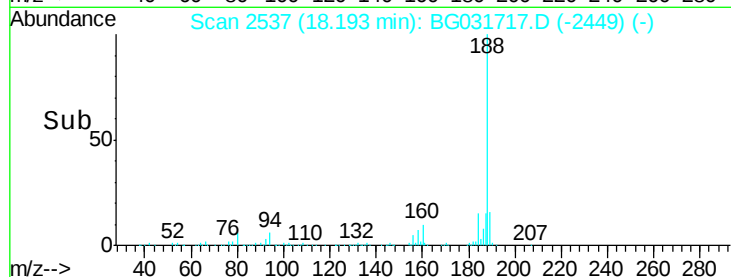
80 5.6 7.7 11.5#



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: 20.000 ng

RT: 22.55 min Scan# 3279

Delta R.T. -0.02 min

Lab File: BG031717.D

Acq: 22 Dec 2017 18:47

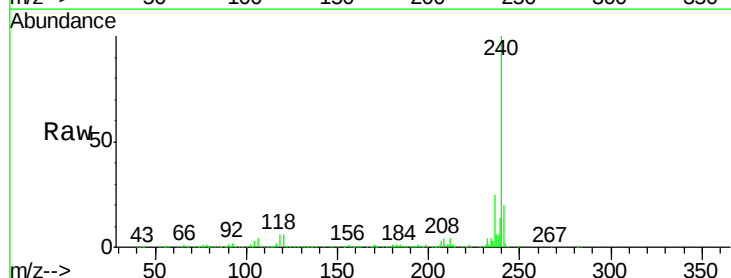
Tgt Ion:240 Resp: 399830

Ion Ratio Lower Upper

240 100

120 5.8 6.8 10.2#

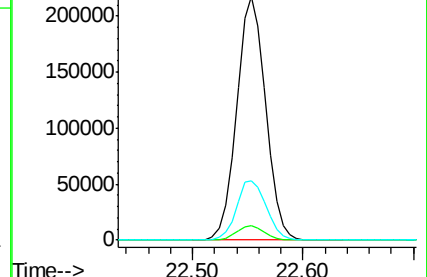
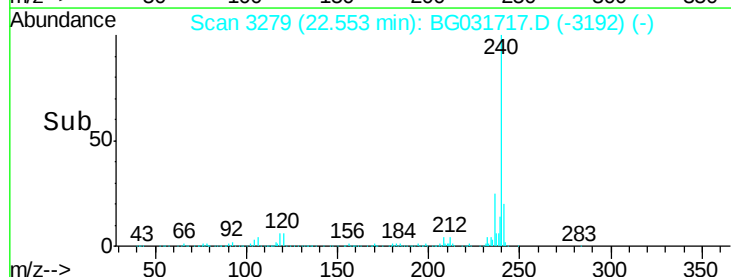
236 24.6 20.9 31.3

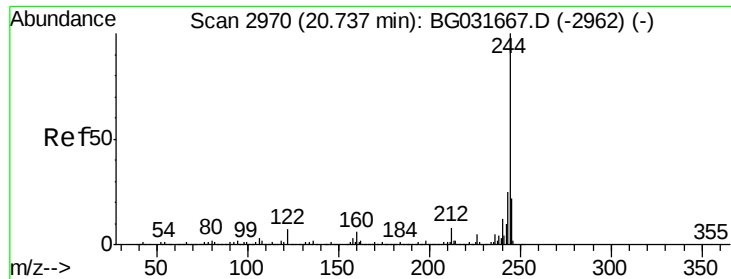


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 87.346 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.01 min

Lab File: BG031717.D

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EPE-106-3DS(60-62)

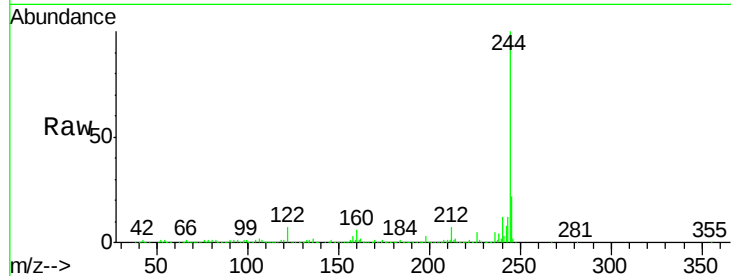
Tgt Ion:244 Resp: 1528621

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

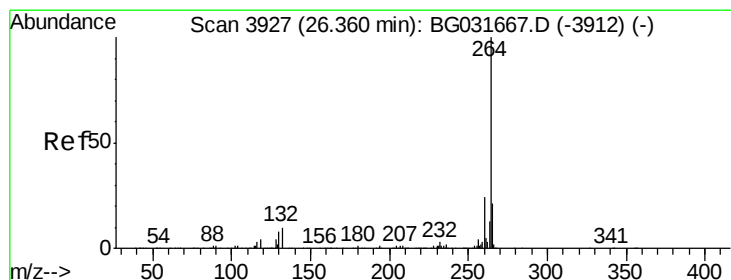
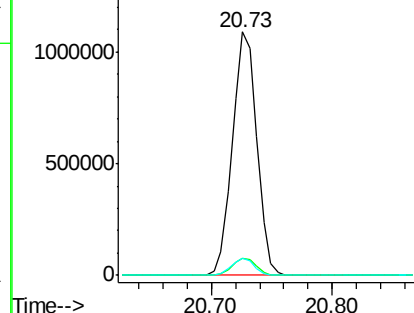
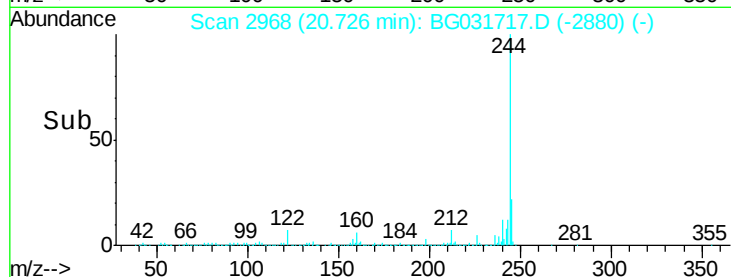
122 7.0 7.0 10.4#



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: 20.000 ng

RT: 26.34 min Scan# 3923

Delta R.T. -0.02 min

Lab File: BG031717.D

Acq: 22 Dec 2017 18:47

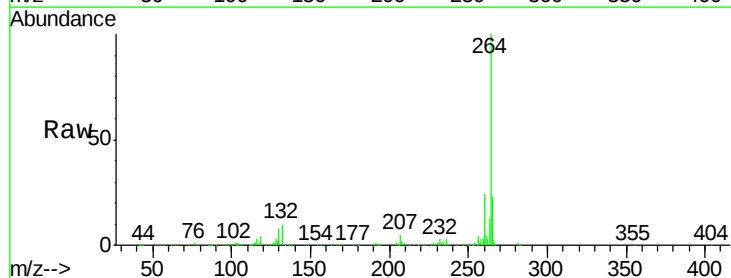
Tgt Ion:264 Resp: 425332

Ion Ratio Lower Upper

264 100

260 23.8 17.4 26.0

265 22.5 17.7 26.5



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

