

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102017\  
 Data File : BG029372.D  
 Acq On : 20 Oct 2017 14:48  
 Operator : SJ/JU  
 Sample : I5922-09  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EPE-M6(9-11)

Quant Time: Oct 20 18:34:04 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 16 17:32:15 2017  
 Response via : Initial Calibration

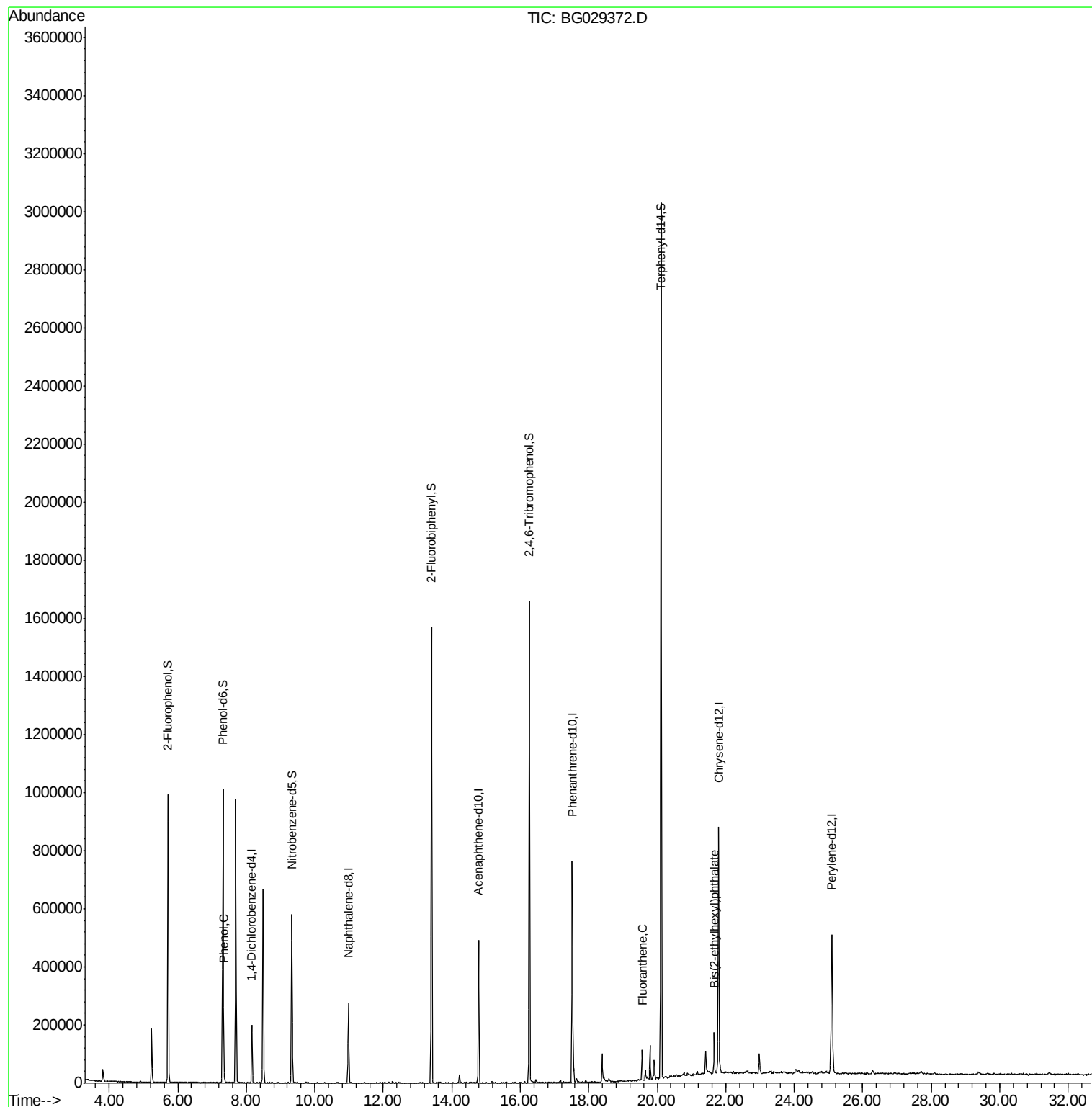
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 8.17  | 152  | 55693    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8             | 10.98 | 136  | 253305   | 20.00  | ng    | -0.01    |
| 38) Acenaphthene-d10           | 14.78 | 164  | 172415   | 20.00  | ng    | -0.01    |
| 63) Phenanthrene-d10           | 17.52 | 188  | 464027   | 20.00  | ng    | -0.01    |
| 75) Chrysene-d12               | 21.79 | 240  | 516074   | 20.00  | ng    | -0.01    |
| 86) Perylene-d12               | 25.10 | 264  | 530559   | 20.00  | ng    | -0.02    |
| System Monitoring Compounds    |       |      |          |        |       |          |
| 5) 2-Fluorophenol              | 5.72  | 112  | 446366   | 133.89 | ng    | 0.00     |
| 7) Phenol-d6                   | 7.32  | 99   | 603608   | 128.99 | ng    | 0.00     |
| 23) Nitrobenzene-d5            | 9.33  | 82   | 349824   | 87.76  | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol       | 16.27 | 330  | 356293   | 160.06 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl           | 13.41 | 172  | 824288   | 70.12  | ng    | 0.00     |
| 78) Terphenyl-d14              | 20.11 | 244  | 1404334  | 61.91  | ng    | -0.01    |
| Target Compounds               |       |      |          |        |       |          |
| 10) Phenol                     | 7.34  | 94   | 23394    | 4.637  | ng    | 93       |
| 74) Fluoranthene               | 19.56 | 202  | 61471    | 2.192  | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 21.66 | 149  | 62838    | 3.283  | ng    | # 95     |

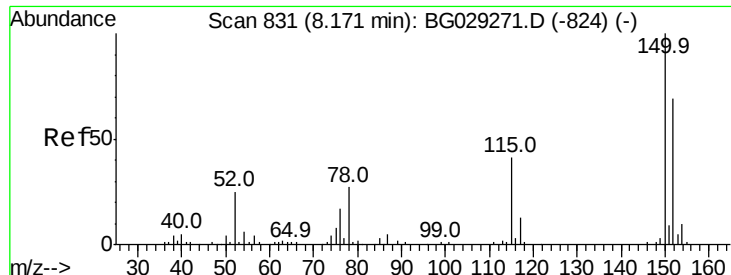
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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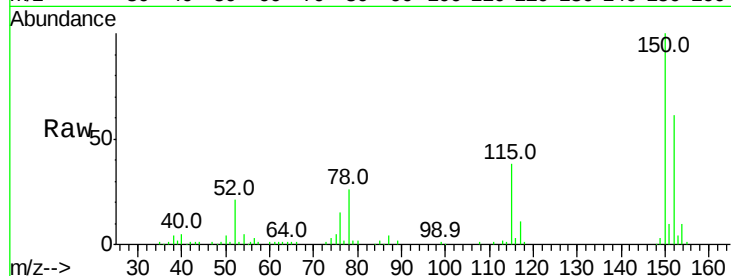


#1

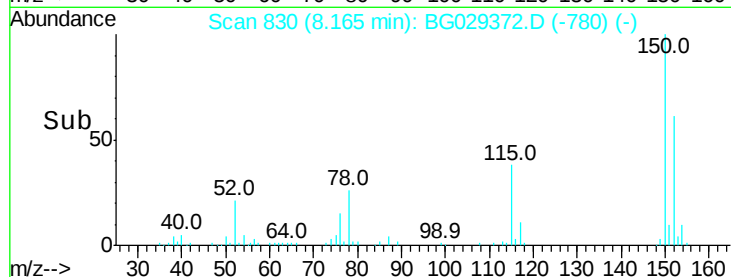
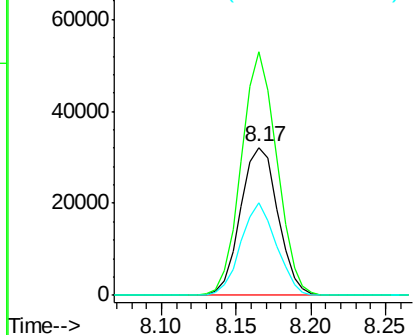
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.17 min Scan# 830  
Delta R.T. -0.01 min  
Lab File: BG029372.D  
Acq: 20 Oct 2017 14:48

Instrument :  
BNA\_G  
ClientSampleId :  
EPE-M6(9-11)

Tot Ion:152 Resp: 55693  
Ion Ratio Lower Upper  
152 100  
150 164.8 126.6 189.8  
115 62.8 53.0 79.4



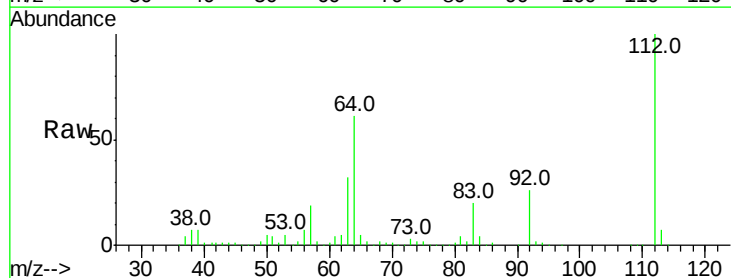
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



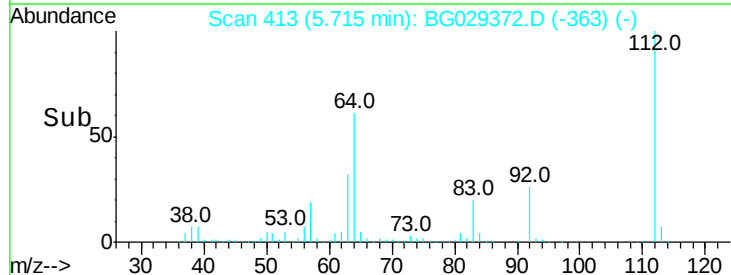
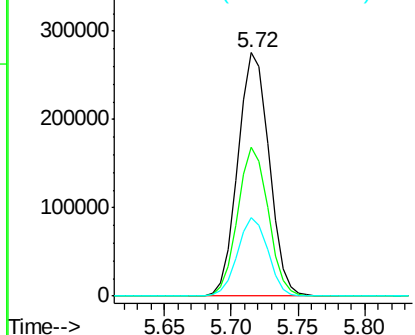
#5

2-Fluorophenol  
Concen: 133.891 ng  
RT: 5.72 min Scan# 413  
Delta R.T. -0.00 min  
Lab File: BG029372.D  
Acq: 20 Oct 2017 14:48

Tgt Ion:112 Resp: 446366  
Ion Ratio Lower Upper  
112 100  
64 61.1 56.3 84.5  
63 32.0 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BG  
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 128.989 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG029372.D

Acq: 20 Oct 2017 14:48

Instrument :

BNA\_G

ClientSampleId :

EPE-M6(9-11)

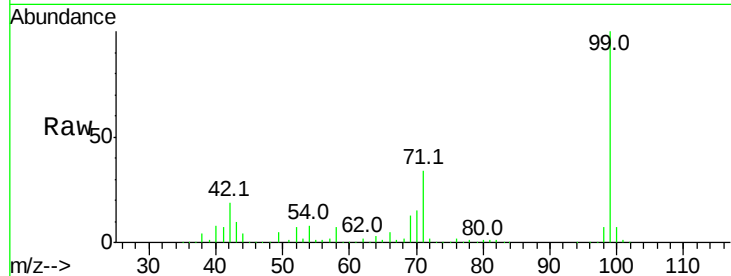
Tot Ion: 99 Resp: 603608

Ion Ratio Lower Upper

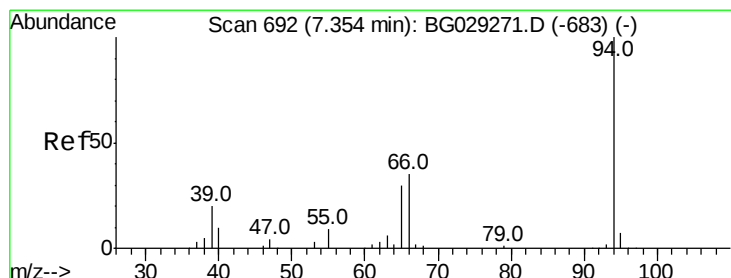
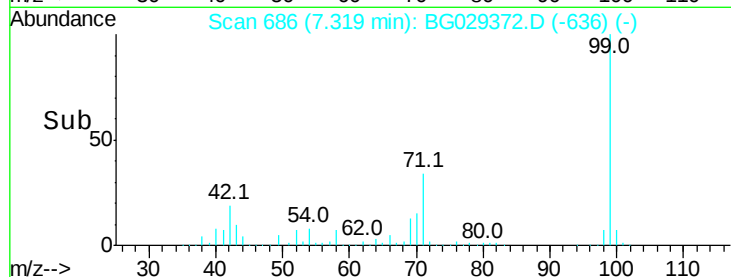
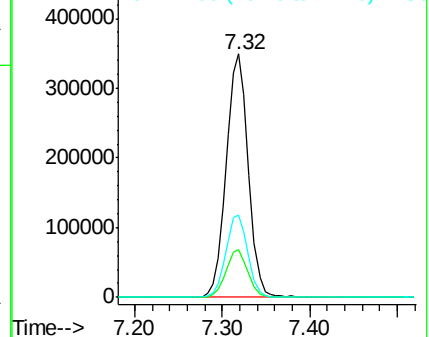
99 100

42 19.4 14.1 21.1

71 33.9 26.1 39.1



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: 4.637 ng

RT: 7.34 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG029372.D

Acq: 20 Oct 2017 14:48

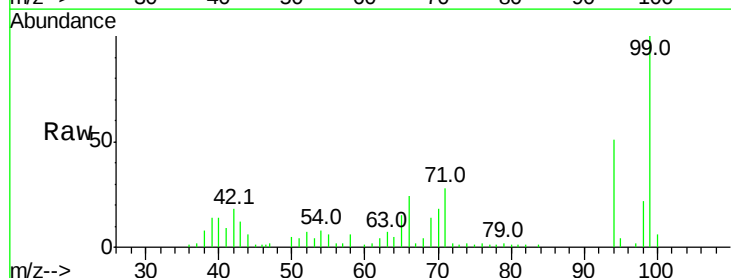
Tgt Ion: 94 Resp: 23394

Ion Ratio Lower Upper

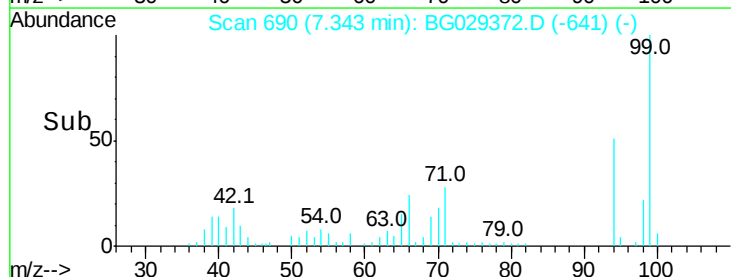
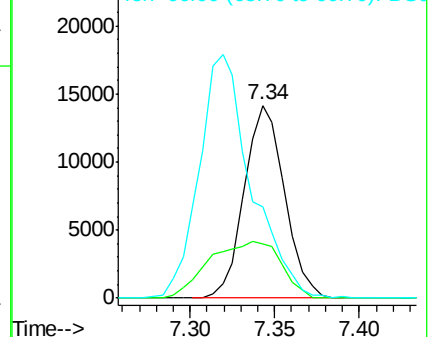
94 100

65 28.3 11.9 51.9

66 47.1 22.2 62.2



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

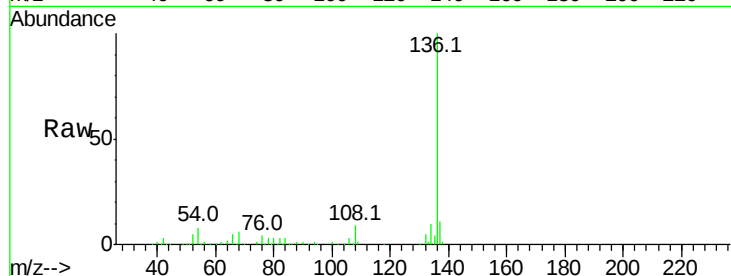




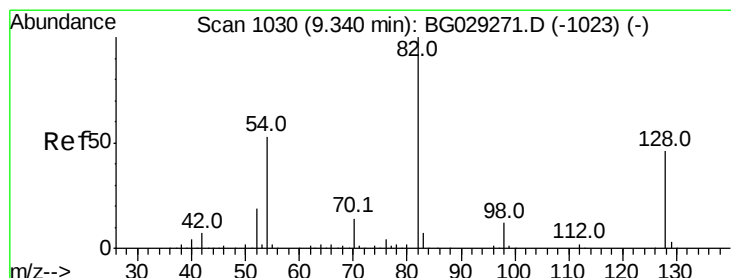
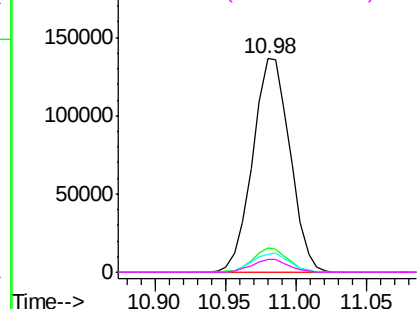
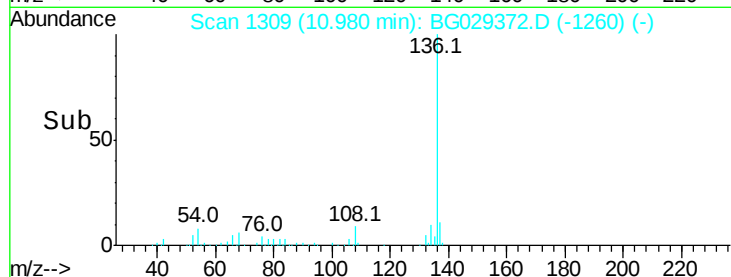
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.98 min Scan# 1309  
Delta R.T. -0.01 min  
Lab File: BG029372.D  
Acq: 20 Oct 2017 14:48

Instrument :  
BNA\_G  
ClientSampleId :  
EPE-M6(9-11)

|             |              |
|-------------|--------------|
| Tot Ion:136 | Resp: 253305 |
| Ion Ratio   | Lower Upper  |
| 136 100     |              |
| 137 11.2    | 9.2 13.8     |
| 54 8.4      | 10.3 15.5#   |
| 68 5.9      | 4.5 6.7      |

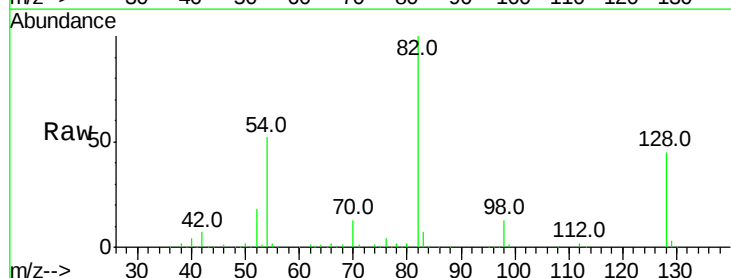


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

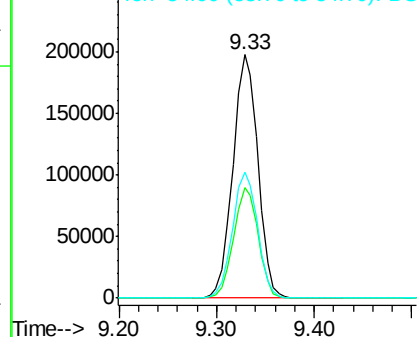
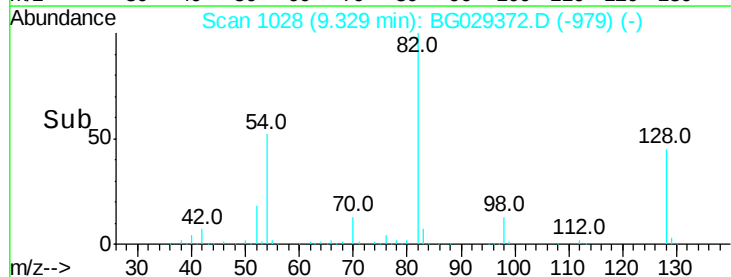


#23  
Nitrobenzene-d5  
Concen: 87.761 ng  
RT: 9.33 min Scan# 1028  
Delta R.T. -0.01 min  
Lab File: BG029372.D  
Acq: 20 Oct 2017 14:48

|             |              |
|-------------|--------------|
| Tgt Ion: 82 | Resp: 349824 |
| Ion Ratio   | Lower Upper  |
| 82 100      |              |
| 128 45.2    | 29.7 44.5#   |
| 54 51.8     | 43.1 64.7    |



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

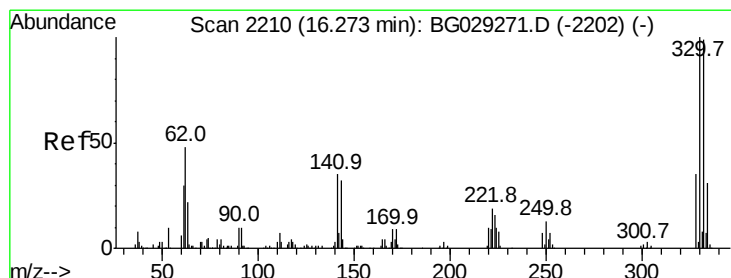
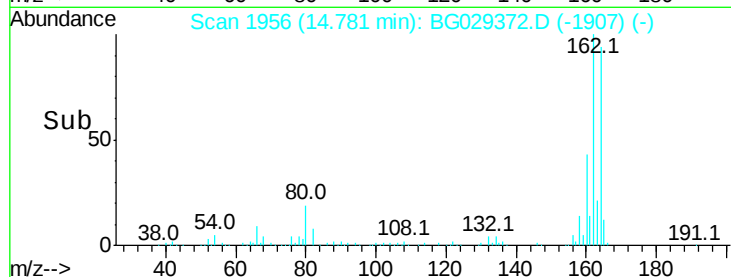
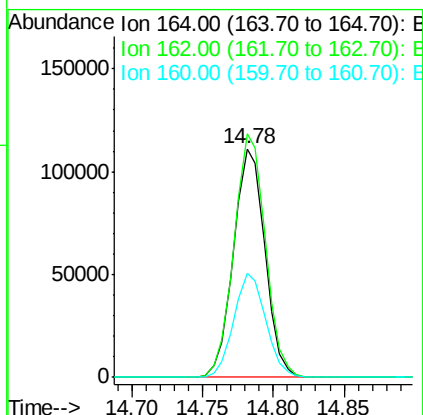
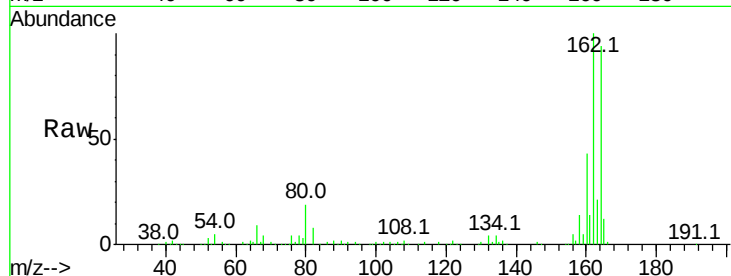




#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.78 min Scan# 1956  
Delta R.T. -0.01 min  
Lab File: BG029372.D  
Acq: 20 Oct 2017 14:48

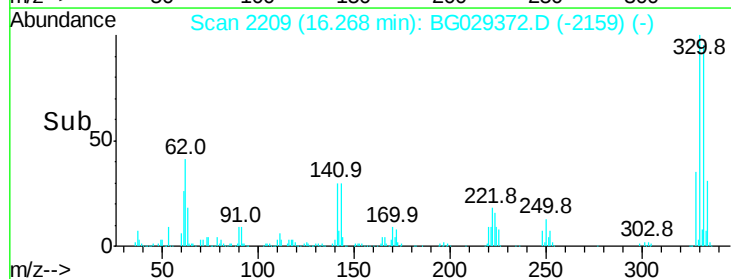
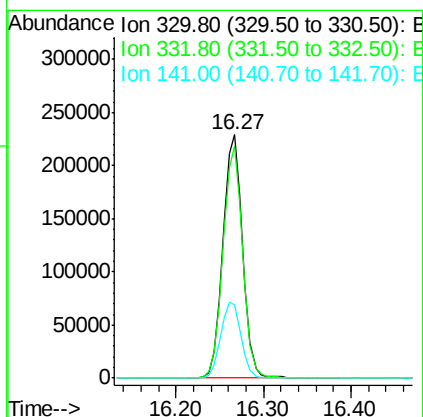
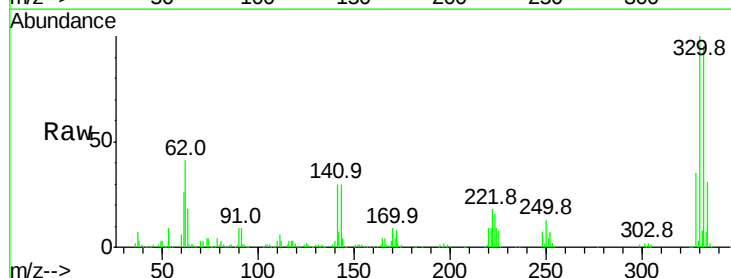
Instrument :  
BNA\_G  
ClientSampleId :  
EPE-M6(9-11)

Tot Ion:164 Resp: 172415  
Ion Ratio Lower Upper  
164 100  
162 106.6 78.8 118.2  
160 45.6 35.4 53.0



#41  
2,4,6-Tribromophenol  
Concen: 160.056 ng  
RT: 16.27 min Scan# 2209  
Delta R.T. -0.01 min  
Lab File: BG029372.D  
Acq: 20 Oct 2017 14:48

Tgt Ion:330 Resp: 356293  
Ion Ratio Lower Upper  
330 100  
332 95.6 77.0 115.6  
141 32.4 25.2 37.8

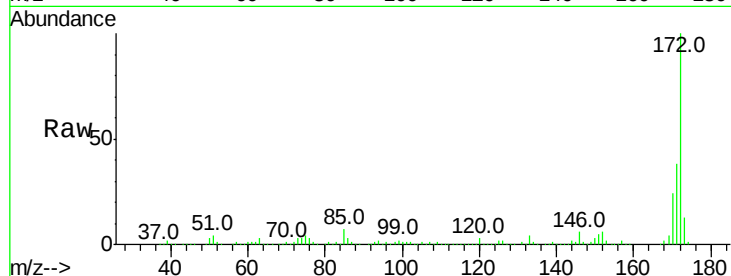




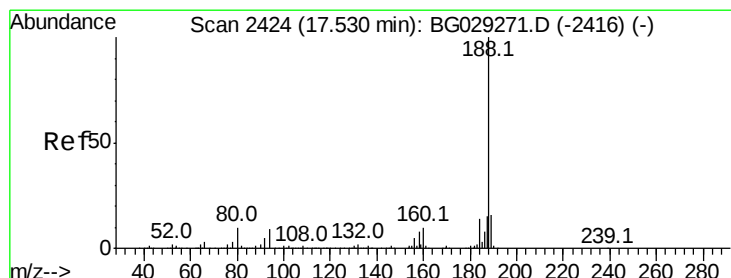
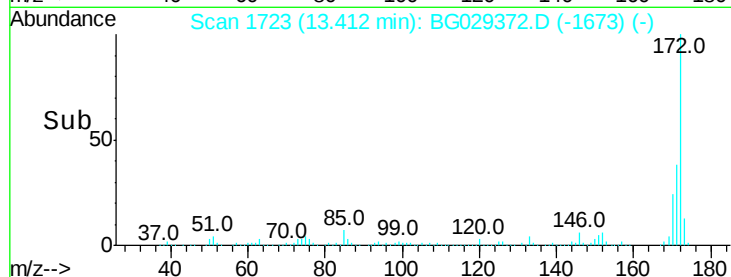
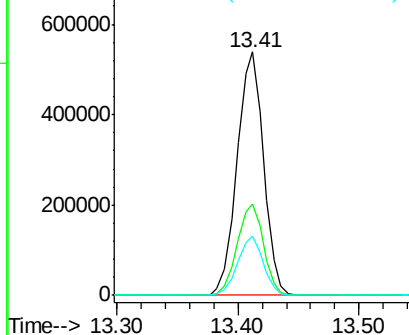
#44  
 2-Fluorobiphenyl  
 Concen: 70.118 ng  
 RT: 13.41 min Scan# 1723  
 Delta R.T. -0.01 min  
 Lab File: BG029372.D  
 Acq: 20 Oct 2017 14:48

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EPE-M6(9-11)

Tot Ion:172 Resp: 824288  
 Ion Ratio Lower Upper  
 172 100  
 171 37.6 30.0 45.0  
 170 24.3 19.5 29.3

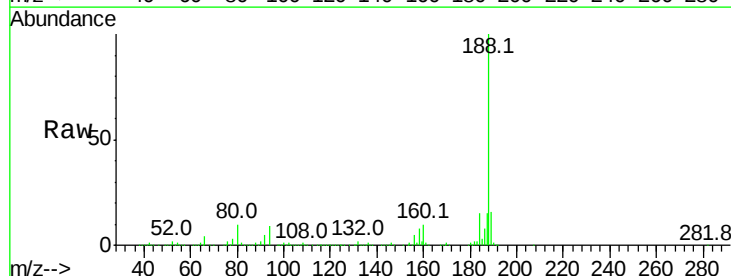


Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E

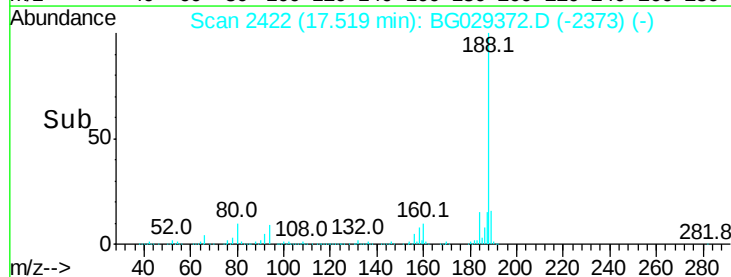
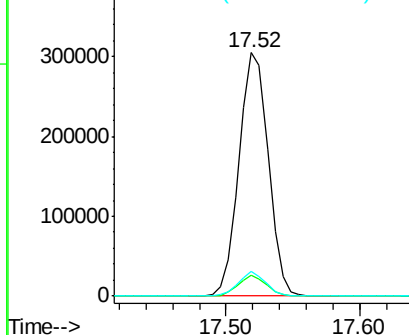


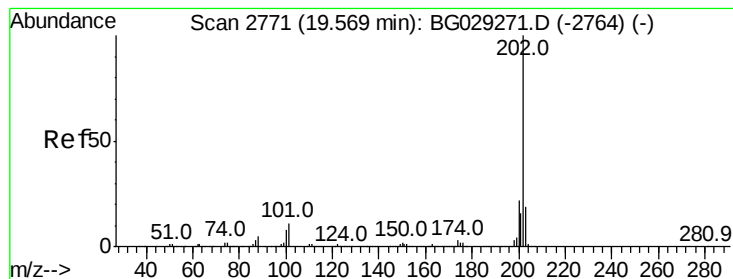
#63  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.52 min Scan# 2422  
 Delta R.T. -0.01 min  
 Lab File: BG029372.D  
 Acq: 20 Oct 2017 14:48

Tgt Ion:188 Resp: 464027  
 Ion Ratio Lower Upper  
 188 100  
 94 8.7 6.9 10.3  
 80 10.3 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E  
 Ion 94.00 (93.70 to 94.70): BG  
 Ion 80.00 (79.70 to 80.70): BG





#74

Fluoranthene

Concen: 2.192 ng

RT: 19.56 min Scan# 2769

Delta R.T. -0.01 min

Lab File: BG029372.D

Acq: 20 Oct 2017 14:48

Instrument :

BNA\_G

ClientSampleId :

EPE-M6(9-11)

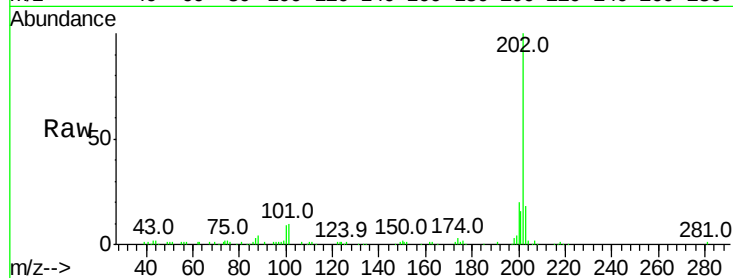
Tot Ion:202 Resp: 61471

Ion Ratio Lower Upper

202 100

101 10.2 0.0 28.9

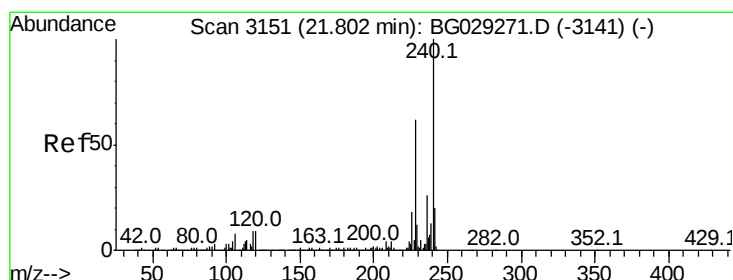
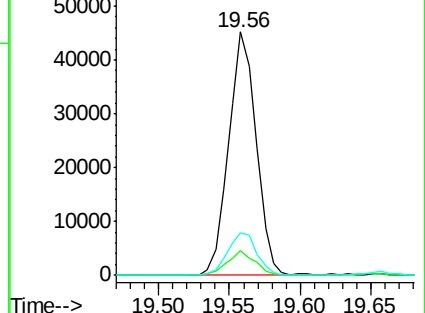
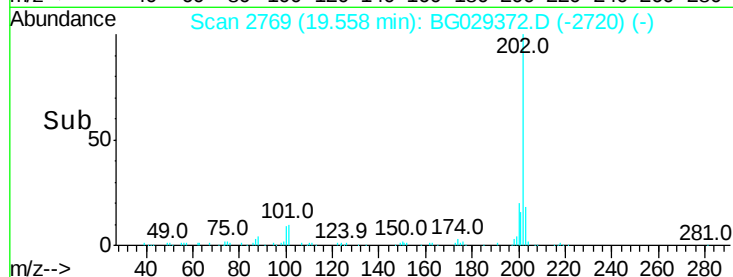
203 17.6 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.79 min Scan# 3149

Delta R.T. -0.01 min

Lab File: BG029372.D

Acq: 20 Oct 2017 14:48

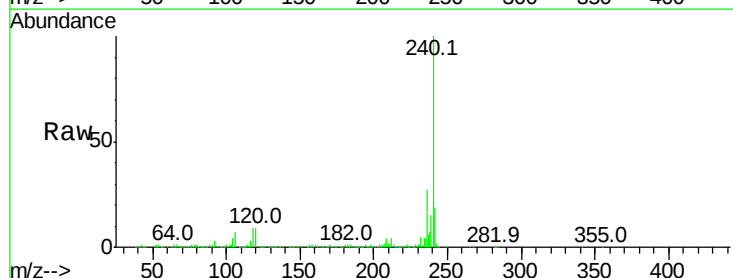
Tgt Ion:240 Resp: 516074

Ion Ratio Lower Upper

240 100

120 8.9 6.8 10.2

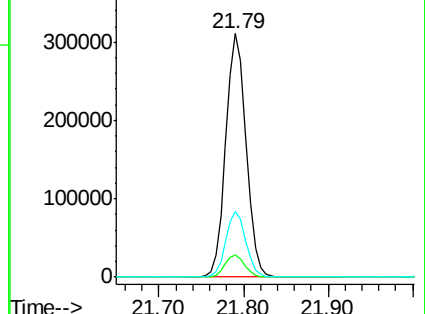
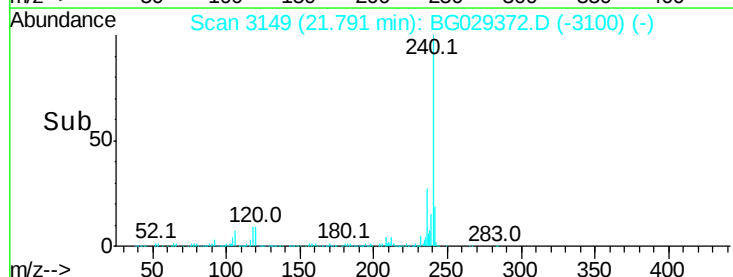
236 26.8 20.9 31.3



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: 61.905 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG029372.D

Acq: 20 Oct 2017 14:48

Instrument :

BNA\_G

ClientSampleId :

EPE-M6(9-11)

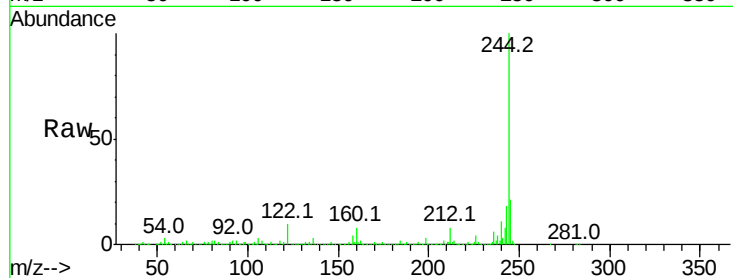
Tot Ion:244 Resp: 1404334

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

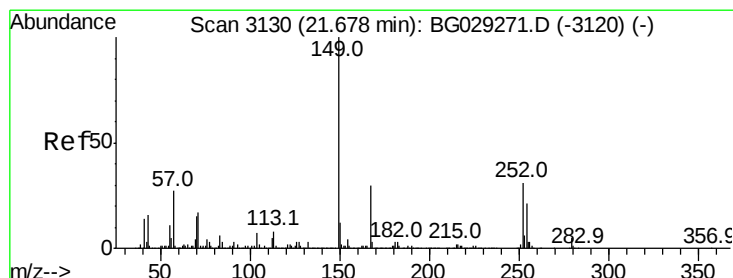
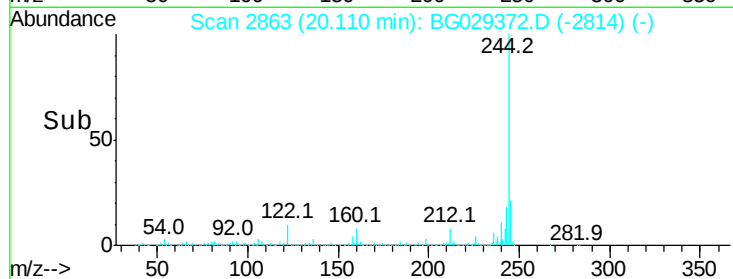
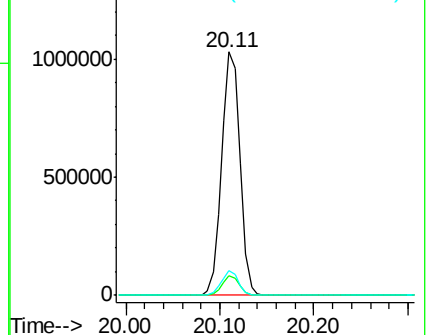
122 10.1 7.0 10.4



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 3.283 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.02 min

Lab File: BG029372.D

Acq: 20 Oct 2017 14:48

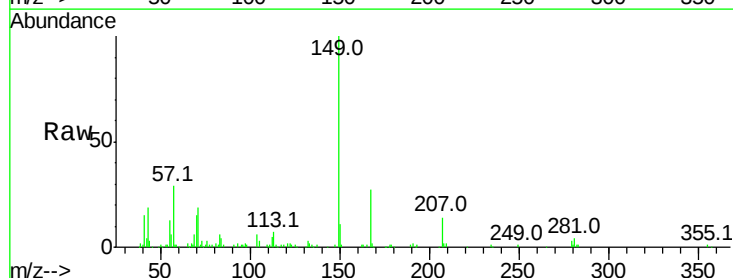
Tgt Ion:149 Resp: 62838

Ion Ratio Lower Upper

149 100

167 27.4 24.3 36.5

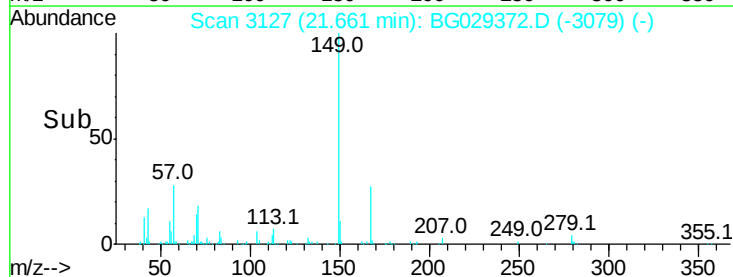
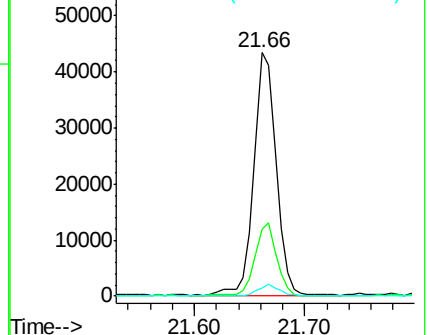
279 3.5 4.0 6.0#

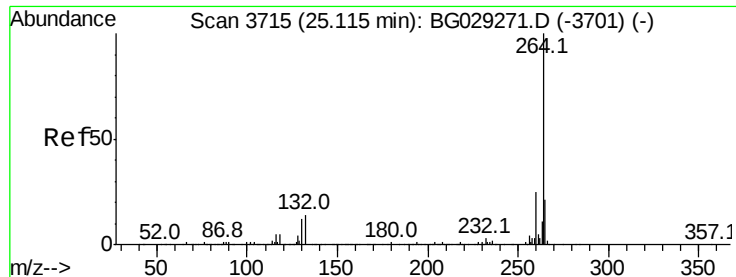


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

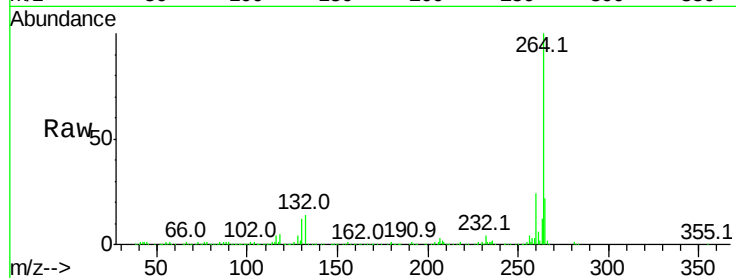




#86  
Pervlene-d12  
Concen: 20.000 ng  
RT: 25.10 min Scan# 3712  
Delta R.T. -0.02 min  
Lab File: BG029372.D  
Acq: 20 Oct 2017 14:48

Instrument :  
BNA\_G  
ClientSampleId :  
EPE-M6(9-11)

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.9  | 17.4  | 26.0  |
| 265     | 21.7  | 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

