

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062618\  
 Data File : BG035420.D  
 Acq On : 26 Jun 2018 21:30  
 Operator : JU/SJ  
 Sample : J3688-01  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EPE-109-6(60-62)

Quant Time: Jun 27 03:09:14 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 08 17:16:28 2018  
 Response via : Initial Calibration

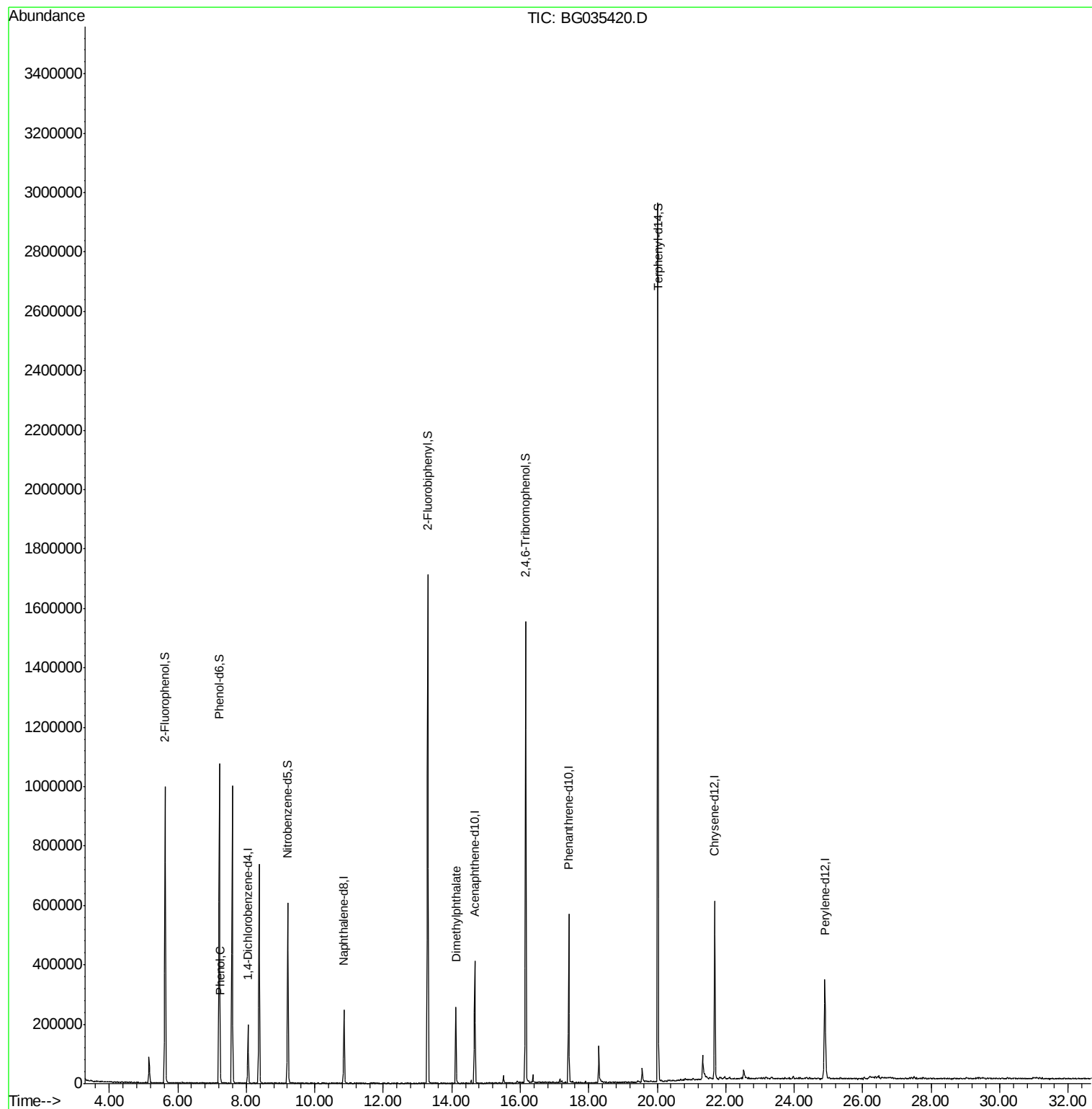
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.05  | 152  | 54137    | 20.00  | ng    | -0.02    |
| 21) Naphthalene-d8          | 10.85 | 136  | 197603   | 20.00  | ng    | -0.03    |
| 38) Acenaphthene-d10        | 14.67 | 164  | 142880   | 20.00  | ng    | -0.02    |
| 63) Phenanthrene-d10        | 17.42 | 188  | 368076   | 20.00  | ng    | -0.02    |
| 75) Chrysene-d12            | 21.67 | 240  | 388461   | 20.00  | ng    | -0.04    |
| 86) Perylene-d12            | 24.89 | 264  | 372257   | 20.00  | ng    | -0.06    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.63  | 112  | 434009   | 135.29 | ng    | -0.01    |
| 7) Phenol-d6                | 7.21  | 99   | 654124   | 138.16 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 9.21  | 82   | 411807   | 99.06  | ng    | -0.03    |
| 41) 2,4,6-Tribromophenol    | 16.16 | 330  | 282159   | 154.27 | ng    | -0.02    |
| 44) 2-Fluorobiphenyl        | 13.30 | 172  | 913999   | 83.16  | ng    | -0.03    |
| 78) Terphenyl-d14           | 20.02 | 244  | 1475110  | 79.54  | ng    | -0.03    |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 7.24  | 94   | 11949    | 2.439  | ng    | 98       |
| 49) Dimethylphthalate       | 14.12 | 163  | 173301   | 13.909 | ng    | 99       |

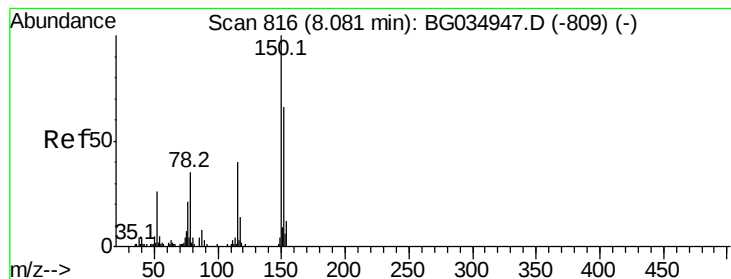
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062618\  
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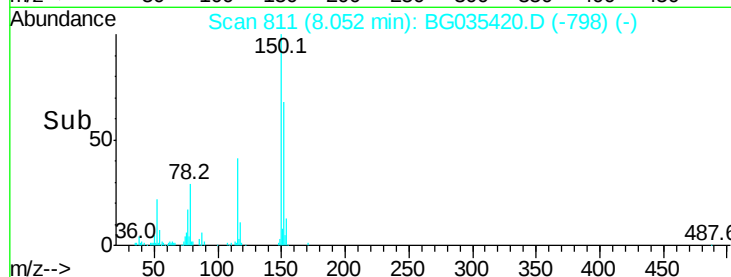
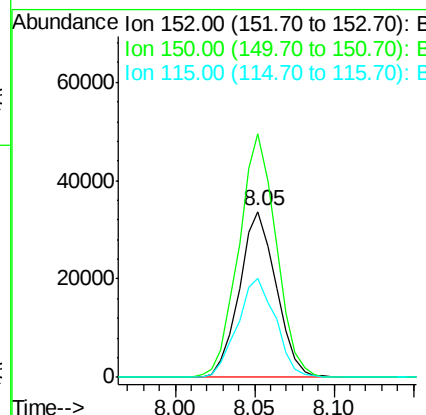
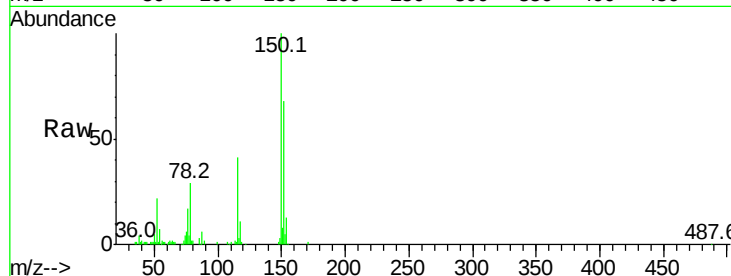


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.05 min Scan# 811  
Delta R.T. -0.02 min  
Lab File: BG035420.D  
Acq: 26 Jun 2018 21:30

Instrument :  
BNA\_G  
ClientSampleId :  
EPE-109-6(60-62)

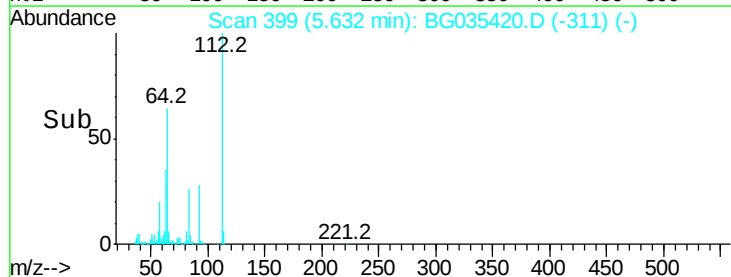
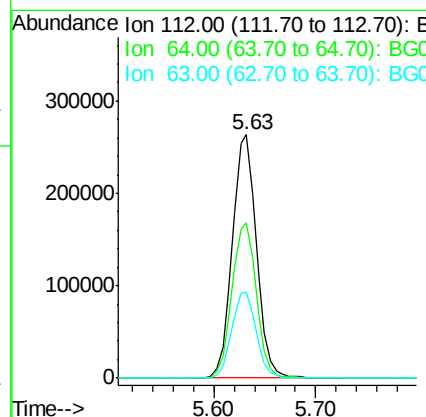
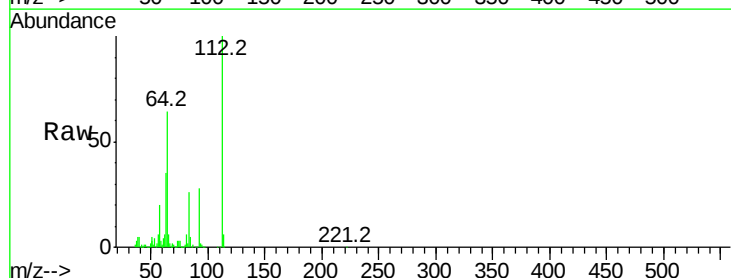
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 146.7 | 126.6 | 189.8 |
| 115     | 59.5  | 53.0  | 79.4  |

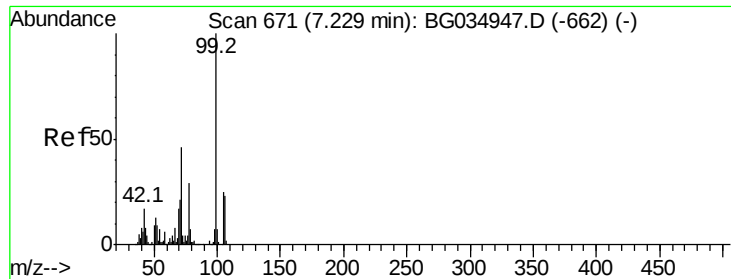


#5

2-Fluorophenol  
Concen: 135.293 ng  
RT: 5.63 min Scan# 399  
Delta R.T. -0.01 min  
Lab File: BG035420.D  
Acq: 26 Jun 2018 21:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 63.9  | 56.3  | 84.5  |
| 63      | 35.4  | 30.1  | 45.1  |





#7

Phenol-d6

Concen: 138.156 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035420.D

Acq: 26 Jun 2018 21:30

Instrument :

BNA\_G

ClientSampleId :

EPE-109-6(60-62)

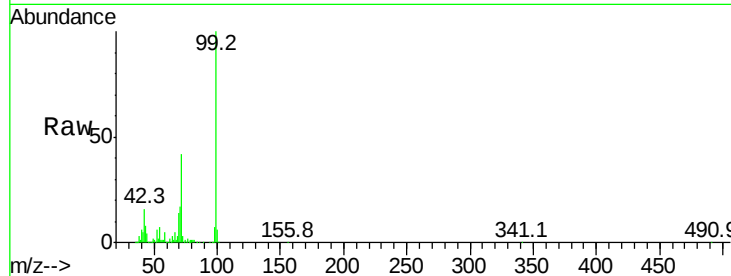
Tot Ion: 99 Resp: 654124

Ion Ratio Lower Upper

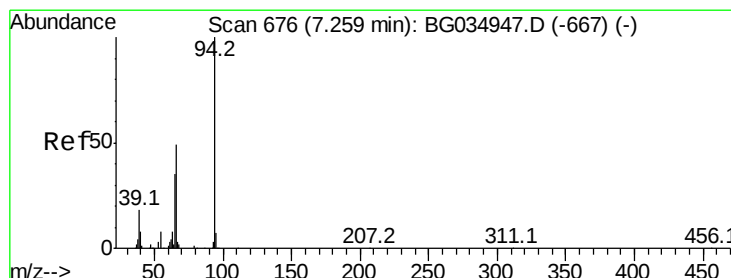
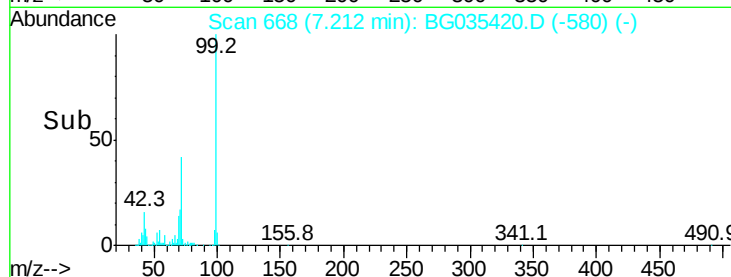
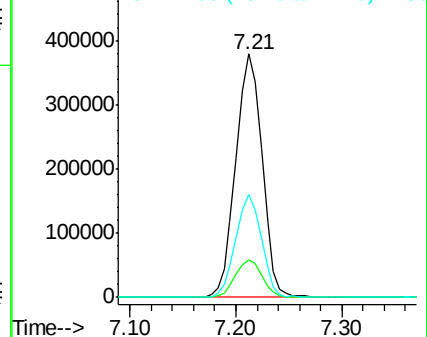
99 100

42 15.7 14.1 21.1

71 42.4 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: 2.439 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG035420.D

Acq: 26 Jun 2018 21:30

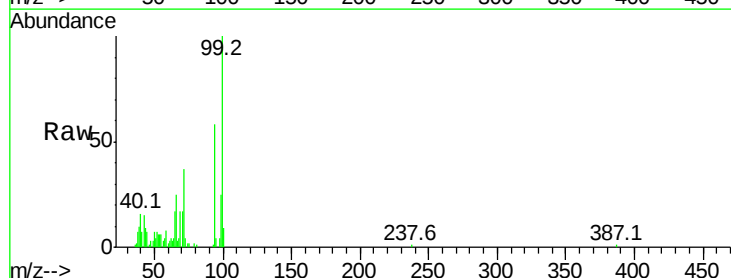
Tgt Ion: 94 Resp: 11949

Ion Ratio Lower Upper

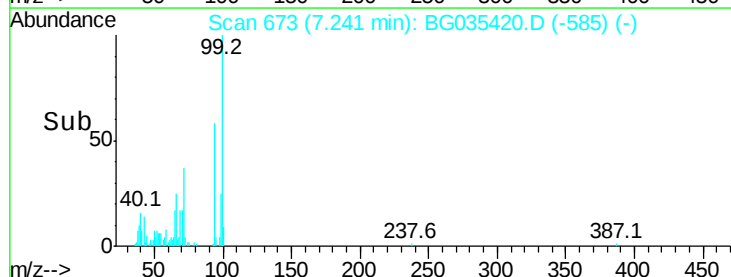
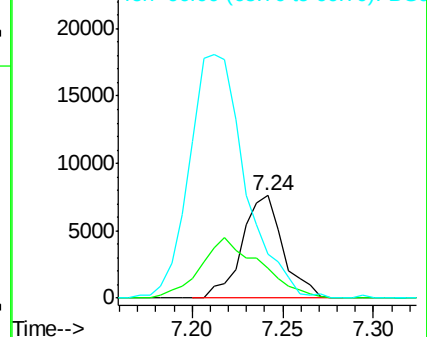
94 100

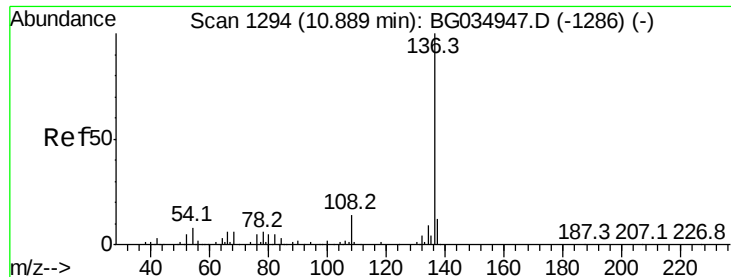
65 29.4 11.9 51.9

66 42.6 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

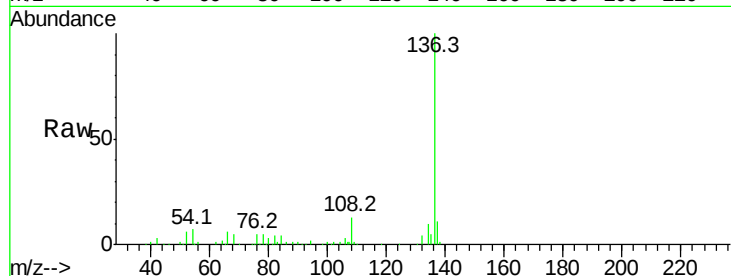




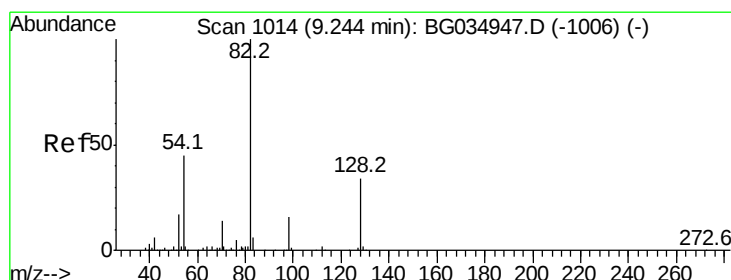
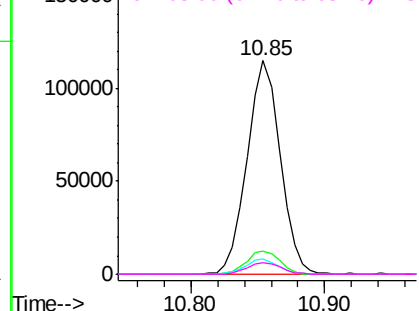
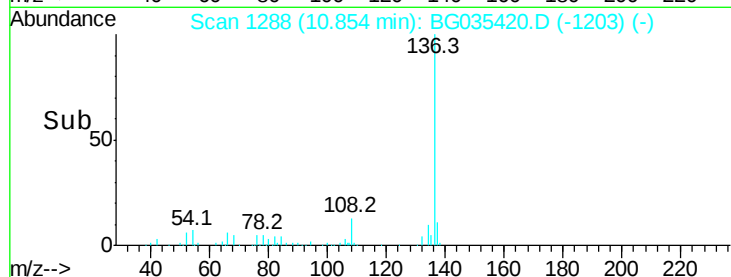
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.85 min Scan# 1288  
Delta R.T. -0.03 min  
Lab File: BG035420.D  
Acq: 26 Jun 2018 21:30

Instrument :  
BNA\_G  
ClientSampleId :  
EPE-109-6(60-62)

|             |       |            |
|-------------|-------|------------|
| Tot Ion:136 | Resp: | 197603     |
| Ion Ratio   | Lower | Upper      |
| 136         | 100   |            |
| 137         | 10.9  | 9.2 13.8   |
| 54          | 6.9   | 10.3 15.5# |
| 68          | 5.4   | 4.5 6.7    |

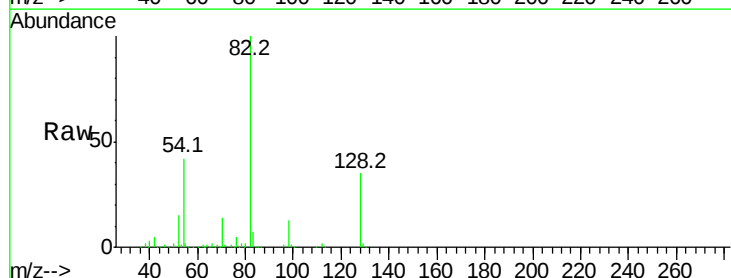


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

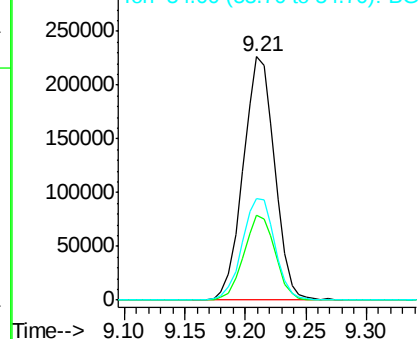
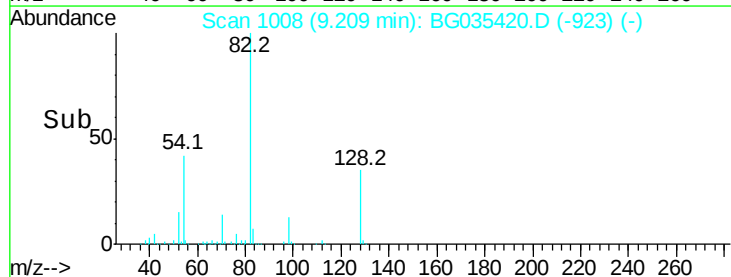


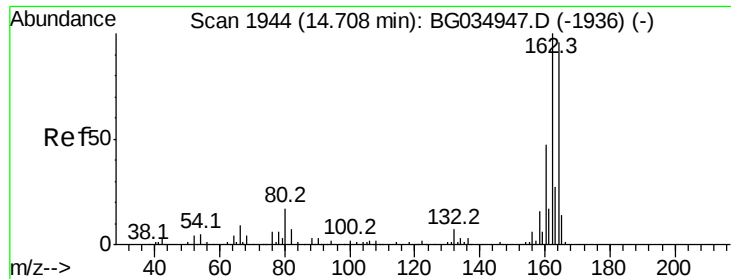
#23  
Nitrobenzene-d5  
Concen: 99.062 ng  
RT: 9.21 min Scan# 1008  
Delta R.T. -0.03 min  
Lab File: BG035420.D  
Acq: 26 Jun 2018 21:30

|             |       |            |
|-------------|-------|------------|
| Tgt Ion: 82 | Resp: | 411807     |
| Ion Ratio   | Lower | Upper      |
| 82          | 100   |            |
| 128         | 34.9  | 29.7 44.5  |
| 54          | 41.9  | 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

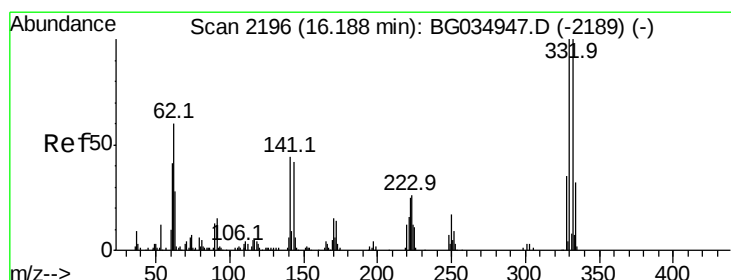
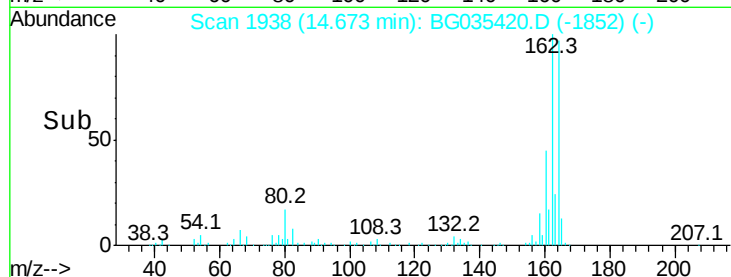
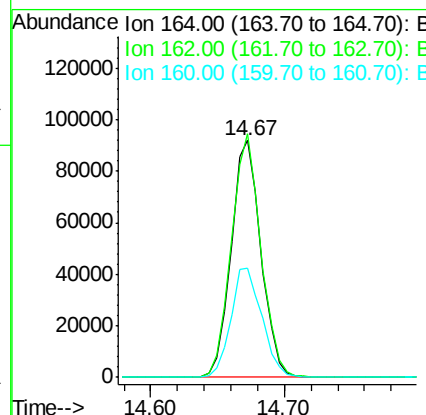
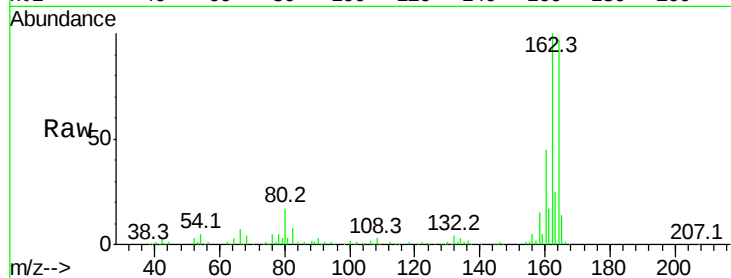




#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.67 min Scan# 1938  
 Delta R.T. -0.02 min  
 Lab File: BG035420.D  
 Acq: 26 Jun 2018 21:30

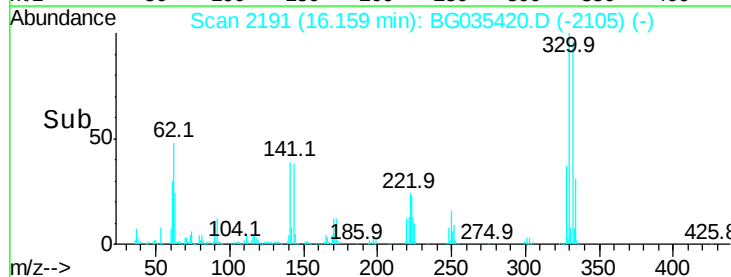
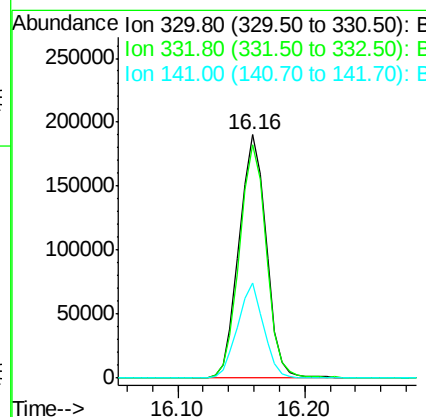
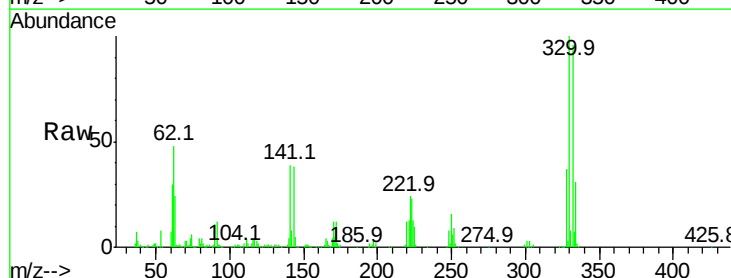
Instrument :  
 BNA\_G  
 ClientSampleId :  
 EPE-109-6(60-62)

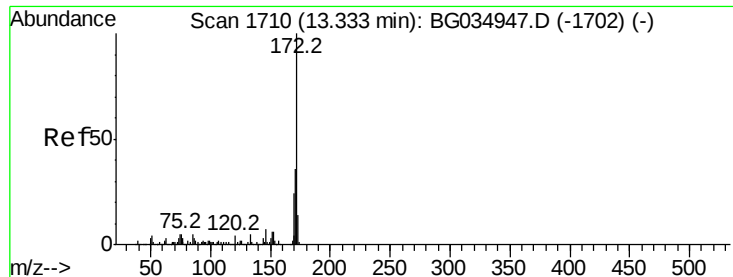
Tot Ion:164 Resp: 142880  
 Ion Ratio Lower Upper  
 164 100  
 162 102.9 78.8 118.2  
 160 45.9 35.4 53.0



#41  
 2,4,6-Tribromophenol  
 Concen: 154.266 ng  
 RT: 16.16 min Scan# 2191  
 Delta R.T. -0.02 min  
 Lab File: BG035420.D  
 Acq: 26 Jun 2018 21:30

Tgt Ion:330 Resp: 282159  
 Ion Ratio Lower Upper  
 330 100  
 332 95.1 77.0 115.6  
 141 37.5 25.2 37.8

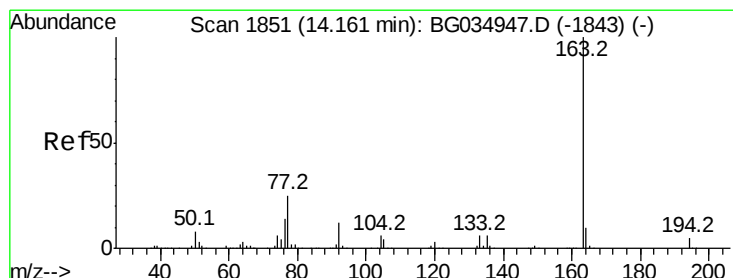
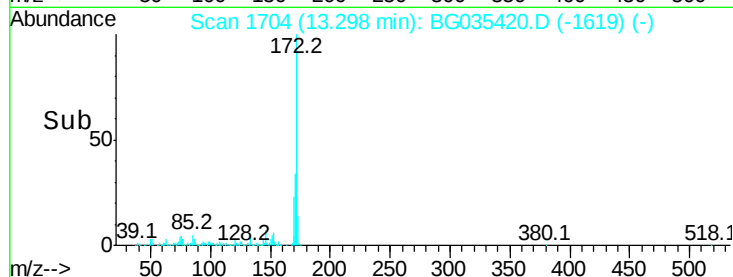
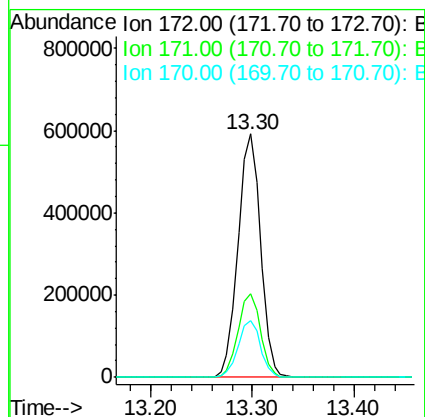
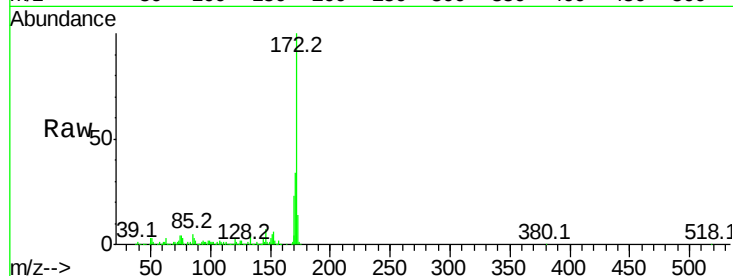




#44  
2-Fluorobiphenyl  
Concen: 83.160 ng  
RT: 13.30 min Scan# 1704  
Delta R.T. -0.03 min  
Lab File: BG035420.D  
Acq: 26 Jun 2018 21:30

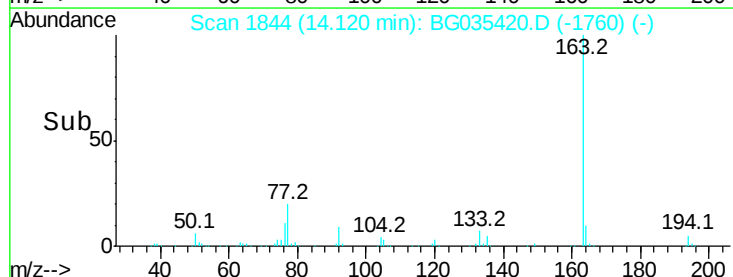
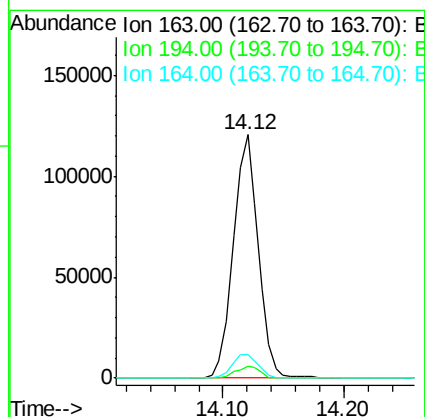
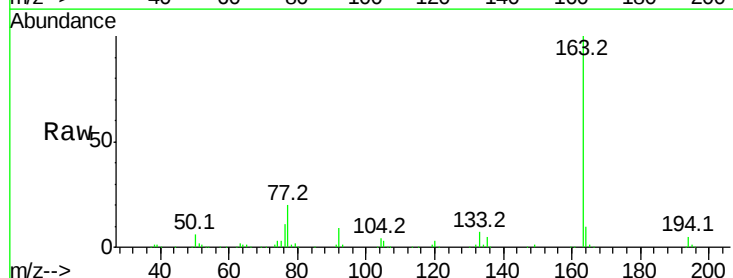
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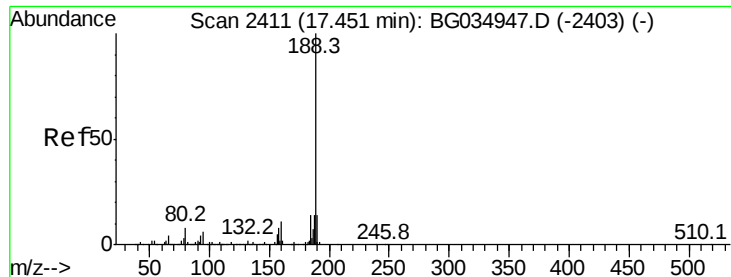
Tot Ion:172 Resp: 913999  
Ion Ratio Lower Upper  
172 100  
171 34.3 30.0 45.0  
170 23.4 19.5 29.3



#49  
Dimethylphthalate  
Concen: 13.909 ng  
RT: 14.12 min Scan# 1844  
Delta R.T. -0.04 min  
Lab File: BG035420.D  
Acq: 26 Jun 2018 21:30

Tgt Ion:163 Resp: 173301  
Ion Ratio Lower Upper  
163 100  
194 4.9 3.4 5.2  
164 9.9 8.2 12.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2405

Delta R.T. -0.02 min

Lab File: BG035420.D

Acq: 26 Jun 2018 21:30

Instrument :

BNA\_G

ClientSampleId :

EPE-109-6(60-62)

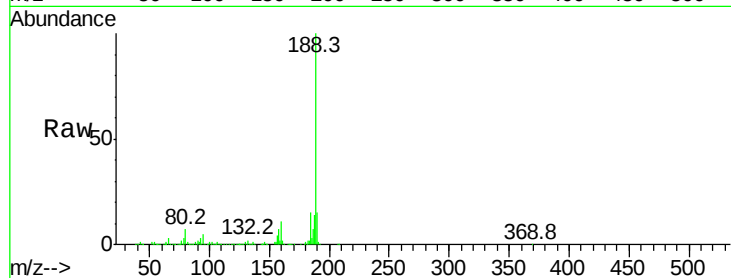
Tot Ion:188 Resp: 368076

Ion Ratio Lower Upper

188 100

94 5.4 6.9 10.3#

80 7.2 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

17.42

250000

200000

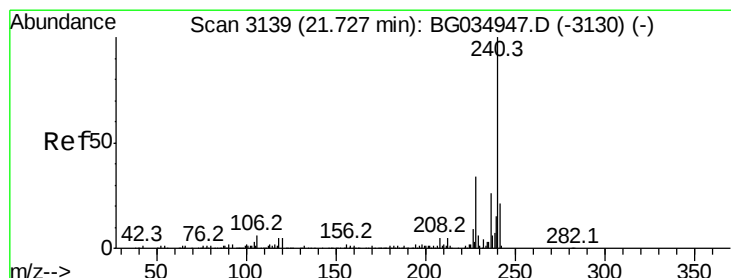
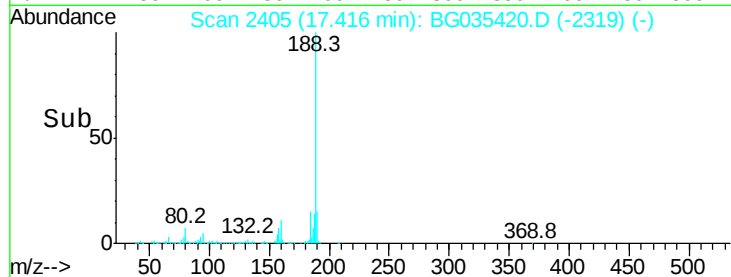
150000

100000

50000

0

Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3130

Delta R.T. -0.04 min

Lab File: BG035420.D

Acq: 26 Jun 2018 21:30

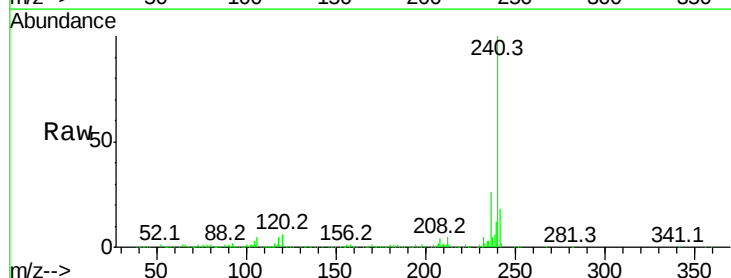
Tgt Ion:240 Resp: 388461

Ion Ratio Lower Upper

240 100

120 5.6 6.8 10.2#

236 26.3 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

21.67

300000

250000

200000

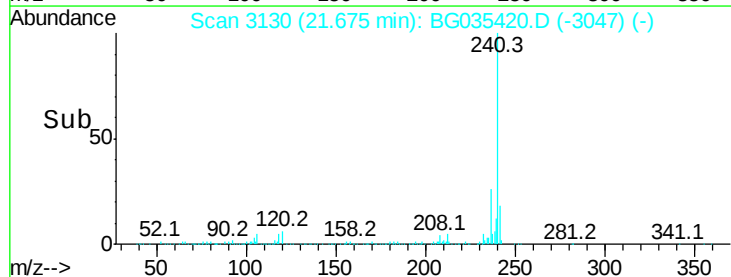
150000

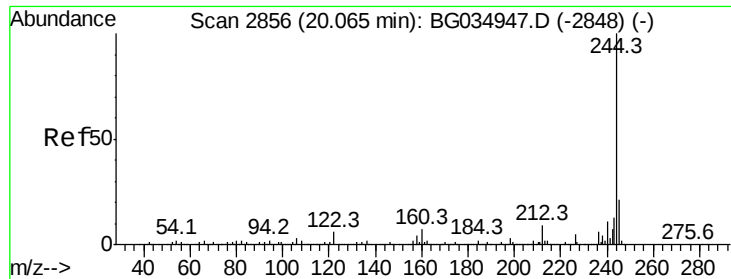
100000

50000

0

Time-->





#78

Terphenyl-d14

Concen: 79.541 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.03 min

Lab File: BG035420.D

Acq: 26 Jun 2018 21:30

Instrument :

BNA\_G

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EPE-109-6(60-62)

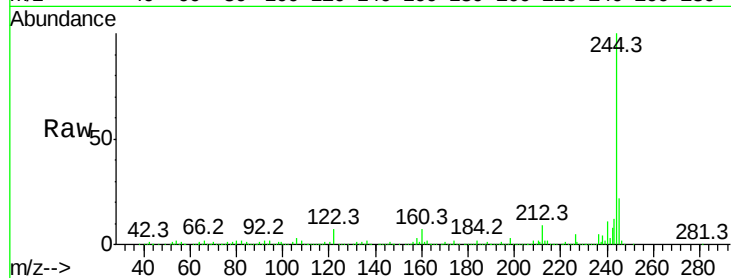
Tot Ion:244 Resp: 1475110

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

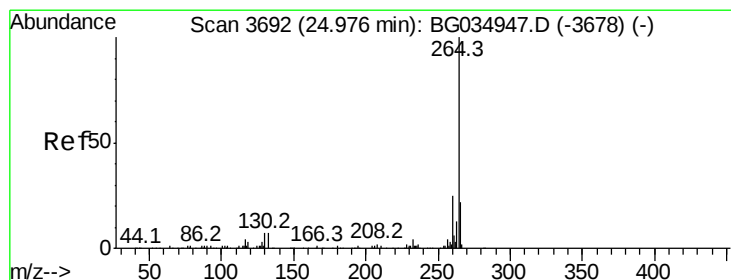
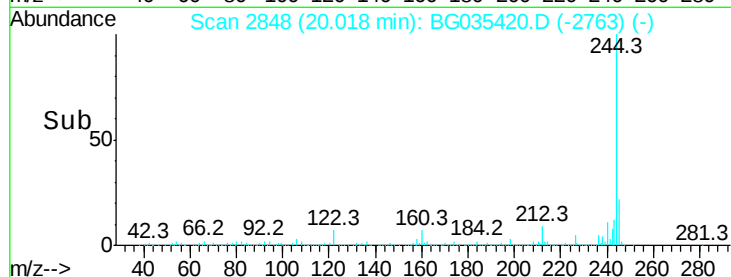
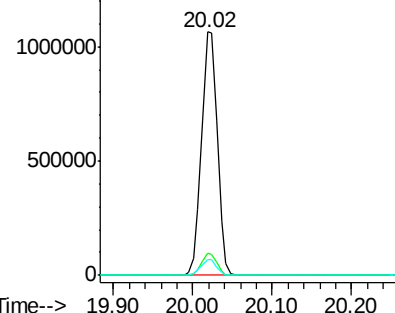
122 6.6 7.0 10.4#



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: 24.89 min Scan# 3678

Delta R.T. -0.06 min

Lab File: BG035420.D

Acq: 26 Jun 2018 21:30

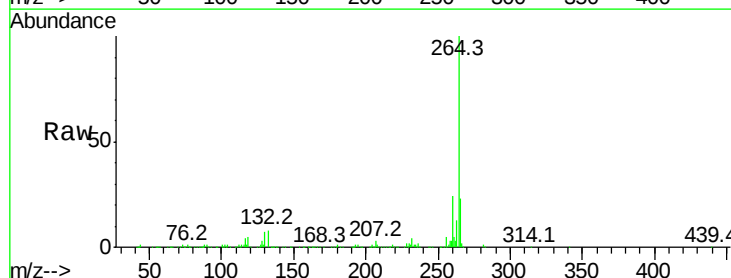
Tgt Ion:264 Resp: 372257

Ion Ratio Lower Upper

264 100

260 24.2 17.4 26.0

265 23.4 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

