

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110417\  
 Data File : BG030706.D  
 Acq On : 3 Nov 2017 19:00  
 Operator : SJ/JU  
 Sample : I6093-01  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TEC-B6-B7-COMP-0-4

Quant Time: Nov 03 23:13:16 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 03 18:14:01 2017  
 Response via : Initial Calibration

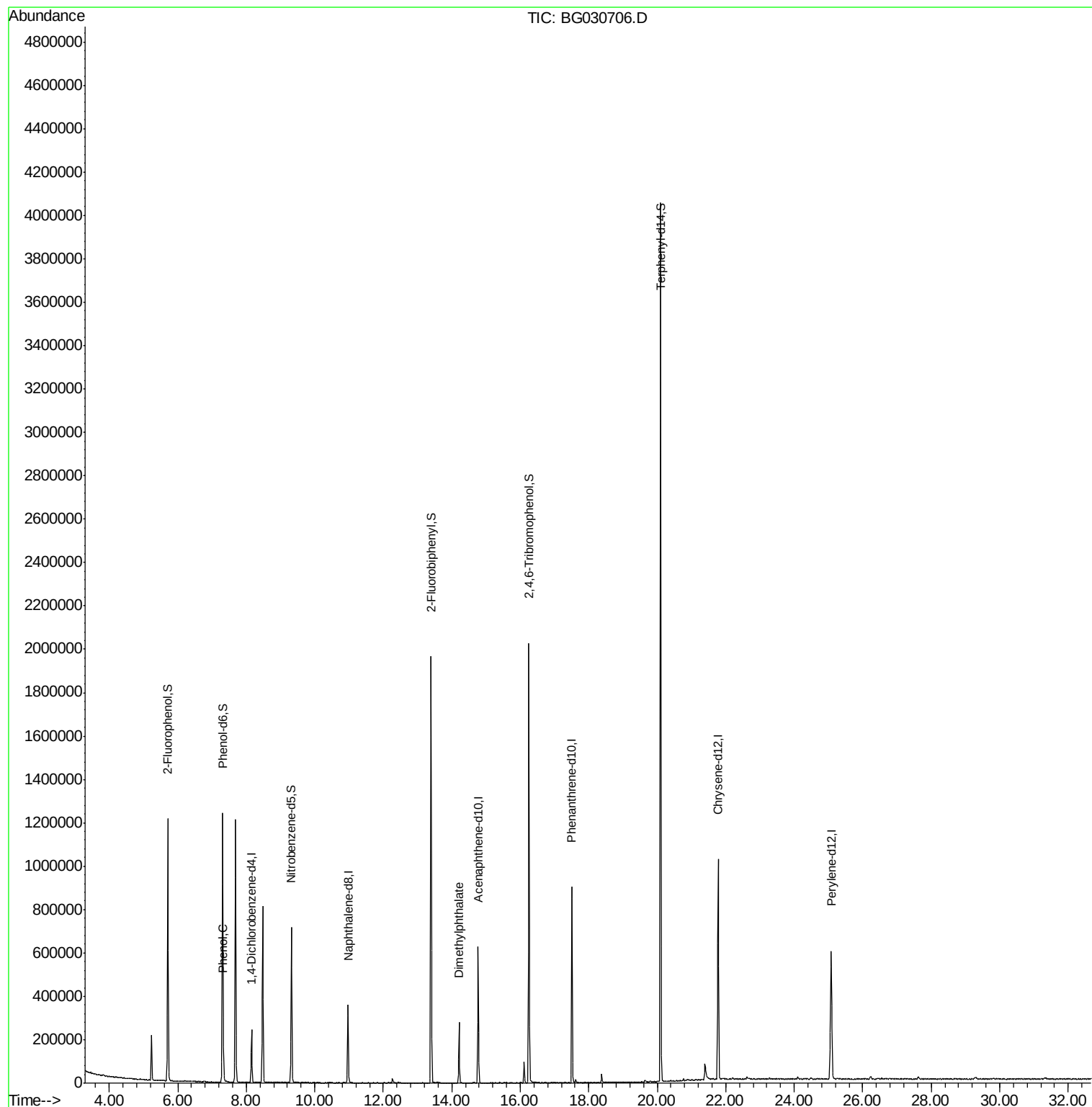
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.15  | 152  | 71430    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.97 | 136  | 330855   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 14.77 | 164  | 231884   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 17.51 | 188  | 564305   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 21.78 | 240  | 620605   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 25.08 | 264  | 637839   | 20.00  | ng    | -0.01    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.71  | 112  | 545423   | 127.56 | ng    | 0.00     |
| 7) Phenol-d6                | 7.31  | 99   | 766698   | 127.74 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.32  | 82   | 449593   | 86.35  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 16.25 | 330  | 401888   | 134.24 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 13.39 | 172  | 1101716  | 69.68  | ng    | 0.00     |
| 78) Terphenyl-d14           | 20.10 | 244  | 1832157  | 67.16  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 7.34  | 94   | 43980    | 6.797  | ng    | 94       |
| 49) Dimethylphthalate       | 14.21 | 163  | 199731   | 11.040 | ng    | 98       |

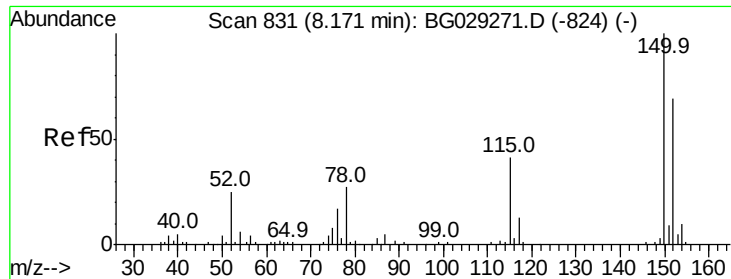
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110417\  
Data File : BG030706.D  
Acq On : 3 Nov 2017 19:00  
Operator : SJ/JU  
Sample : I6093-01  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
TEC-B6-B7-COMP-0-4

Quant Time: Nov 03 23:13:16 2017  
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Nov 03 18:14:01 2017  
Response via : Initial Calibration



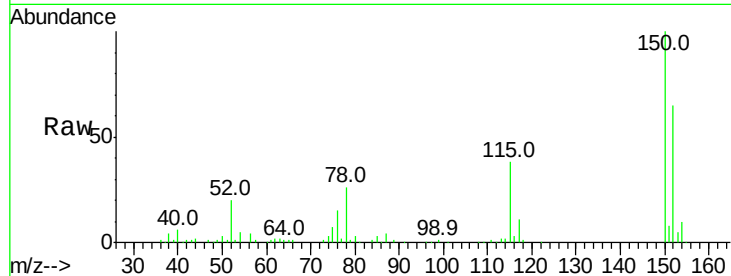


#1

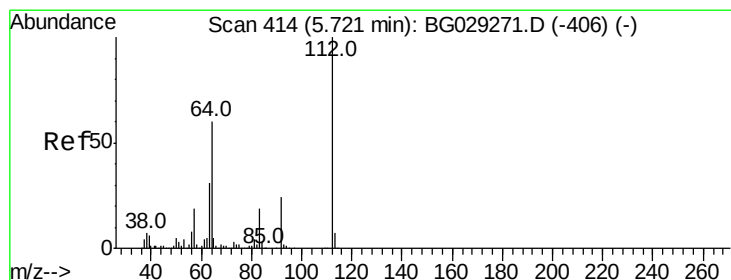
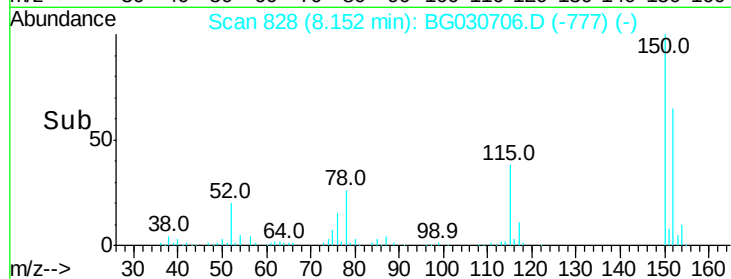
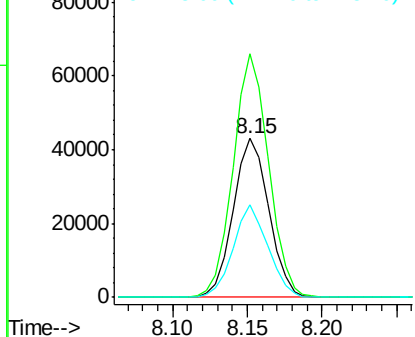
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.15 min Scan# 828  
Delta R.T. -0.00 min  
Lab File: BG030706.D  
Acq: 3 Nov 2017 19:00

Instrument :  
BNA\_G  
ClientSampleId :  
TEC-B6-B7-COMP-0-4

Tot Ion:152 Resp: 71430  
Ion Ratio Lower Upper  
152 100  
150 153.4 126.6 189.8  
115 58.0 53.0 79.4



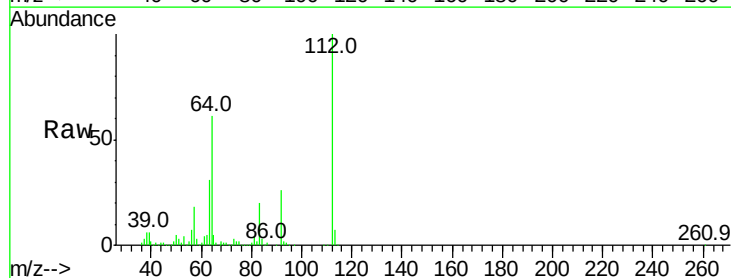
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



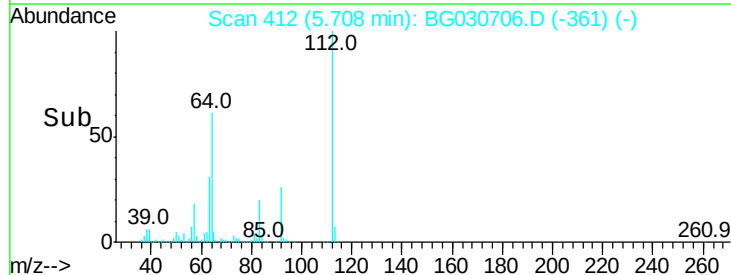
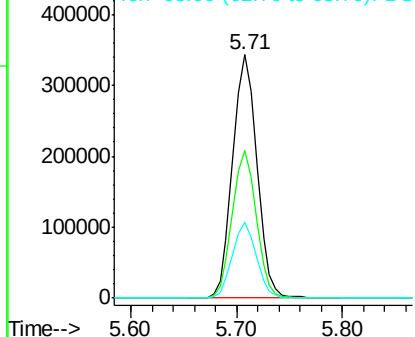
#5

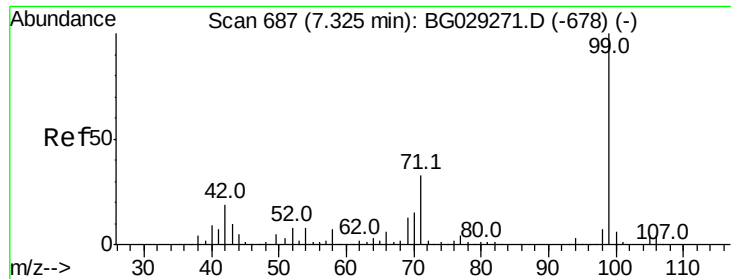
2-Fluorophenol  
Concen: 127.560 ng  
RT: 5.71 min Scan# 412  
Delta R.T. -0.00 min  
Lab File: BG030706.D  
Acq: 3 Nov 2017 19:00

Tgt Ion:112 Resp: 545423  
Ion Ratio Lower Upper  
112 100  
64 60.9 56.3 84.5  
63 31.3 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: 127.745 ng

RT: 7.31 min Scan# 685

Delta R.T. 0.00 min

Lab File: BG030706.D

Acq: 3 Nov 2017 19:00

Instrument :

BNA\_G

ClientSampleId :

TEC-B6-B7-COMP-0-4

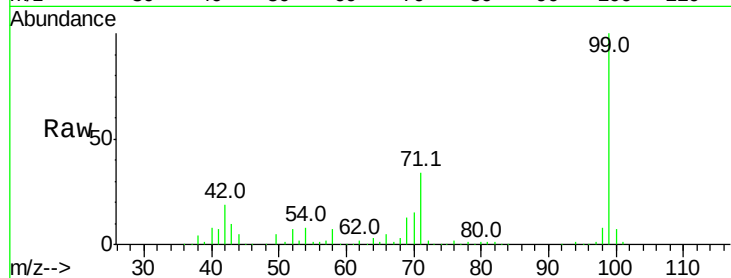
Tot Ion: 99 Resp: 766698

Ion Ratio Lower Upper

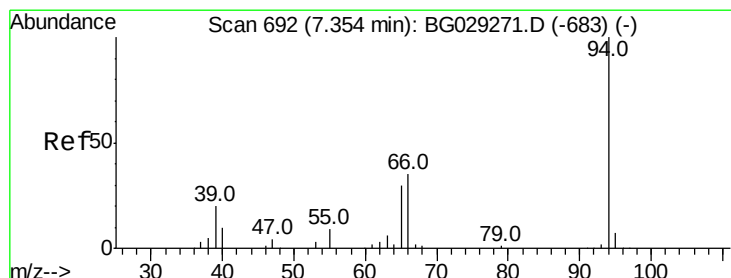
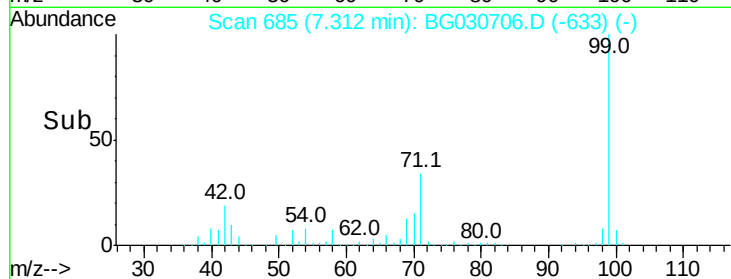
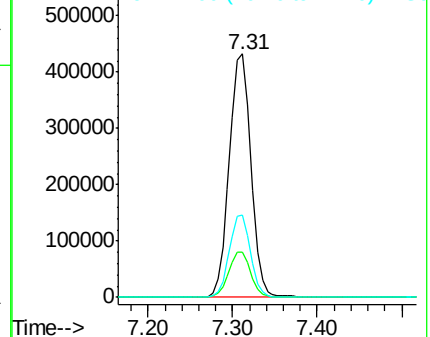
99 100

42 18.7 14.1 21.1

71 33.6 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: 6.797 ng

RT: 7.34 min Scan# 689

Delta R.T. -0.00 min

Lab File: BG030706.D

Acq: 3 Nov 2017 19:00

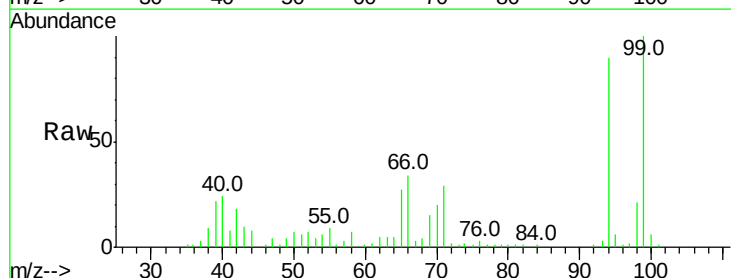
Tgt Ion: 94 Resp: 43980

Ion Ratio Lower Upper

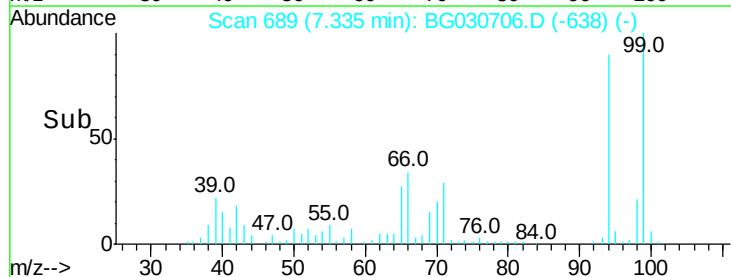
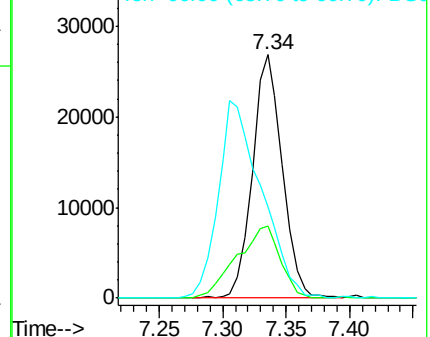
94 100

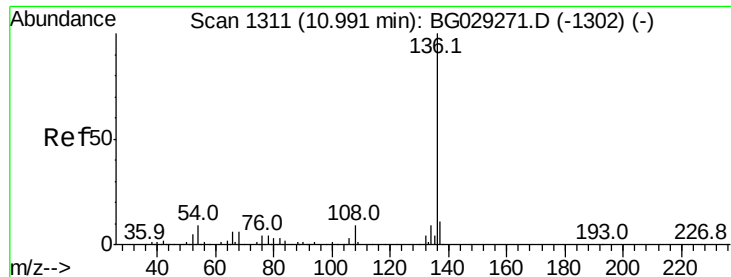
65 29.7 11.9 51.9

66 37.3 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

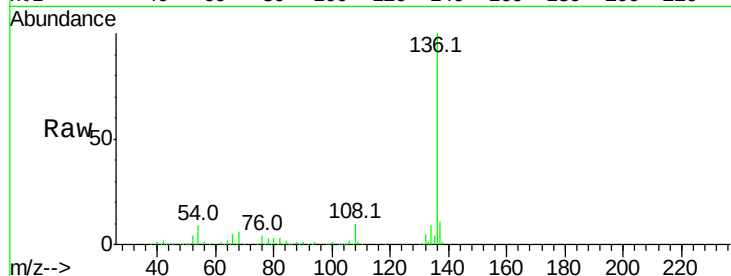




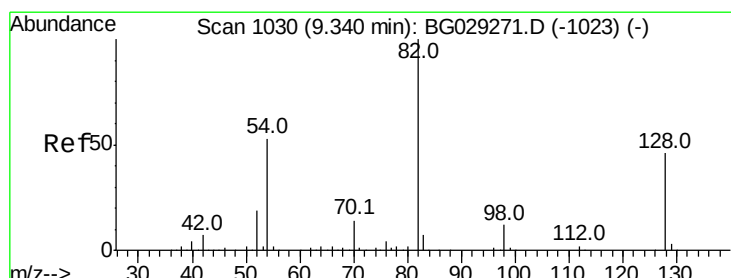
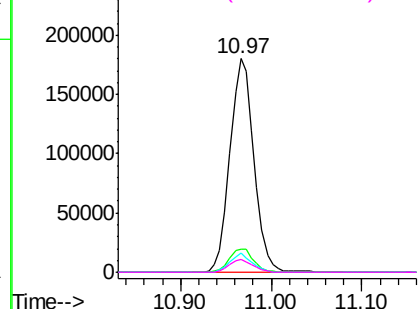
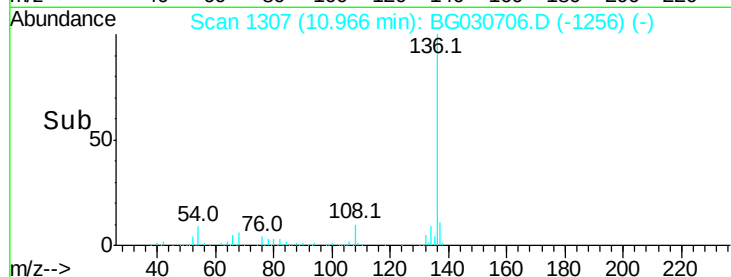
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.97 min Scan# 1307  
Delta R.T. -0.00 min  
Lab File: BG030706.D  
Acq: 3 Nov 2017 19:00

Instrument :  
BNA\_G  
ClientSampleId :  
TEC-B6-B7-COMP-0-4

|             |       |            |
|-------------|-------|------------|
| Tot Ion:136 | Resp: | 330855     |
| Ion Ratio   | Lower | Upper      |
| 136         | 100   |            |
| 137         | 10.7  | 9.2 13.8   |
| 54          | 8.9   | 10.3 15.5# |
| 68          | 5.9   | 4.5 6.7    |

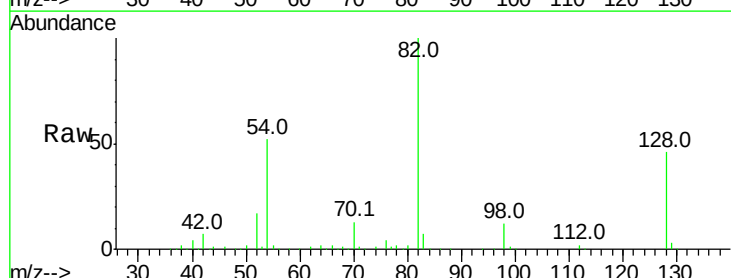


Abundance Ion 136.00 (135.70 to 136.70): B  
Ion 137.00 (136.70 to 137.70): B  
Ion 54.00 (53.70 to 54.70): B  
Ion 68.00 (67.70 to 68.70): B

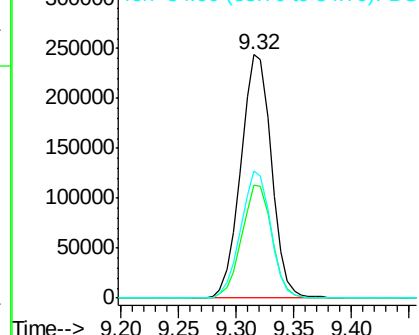
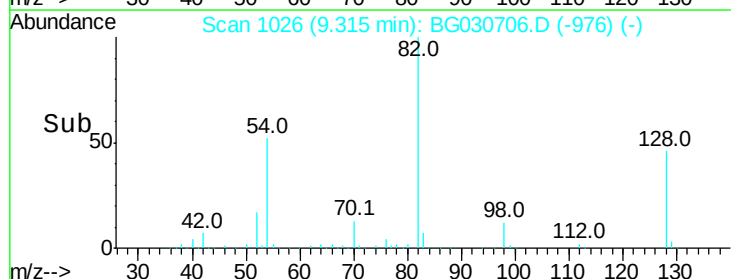


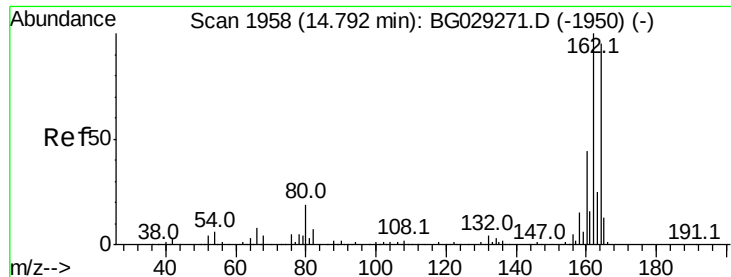
#23  
Nitrobenzene-d5  
Concen: 86.353 ng  
RT: 9.32 min Scan# 1026  
Delta R.T. -0.01 min  
Lab File: BG030706.D  
Acq: 3 Nov 2017 19:00

|             |       |            |
|-------------|-------|------------|
| Tgt Ion: 82 | Resp: | 449593     |
| Ion Ratio   | Lower | Upper      |
| 82          | 100   |            |
| 128         | 46.3  | 29.7 44.5# |
| 54          | 52.2  | 43.1 64.7  |



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

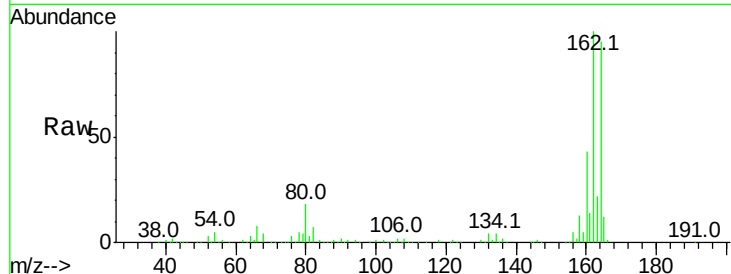




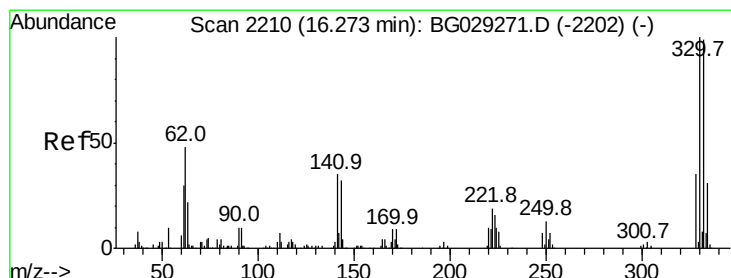
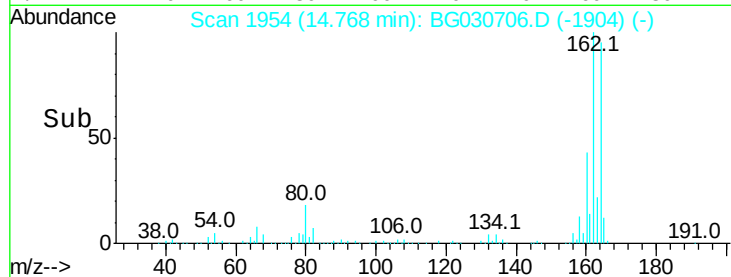
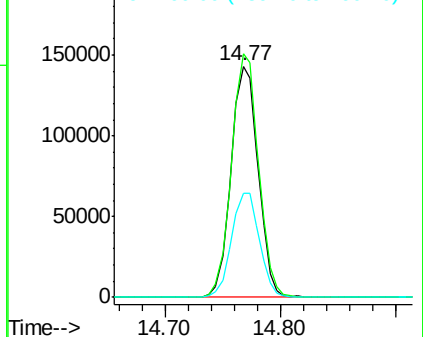
#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.77 min Scan# 1954  
Delta R.T. -0.01 min  
Lab File: BG030706.D  
Acq: 3 Nov 2017 19:00

Instrument :  
BNA\_G  
ClientSampleId :  
TEC-B6-B7-COMP-0-4

Tot Ion:164 Resp: 231884  
Ion Ratio Lower Upper  
164 100  
162 105.5 78.8 118.2  
160 45.1 35.4 53.0

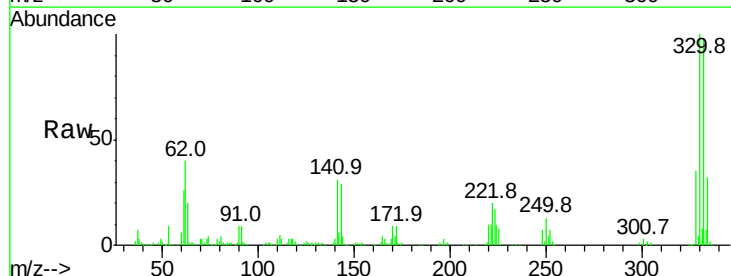


Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

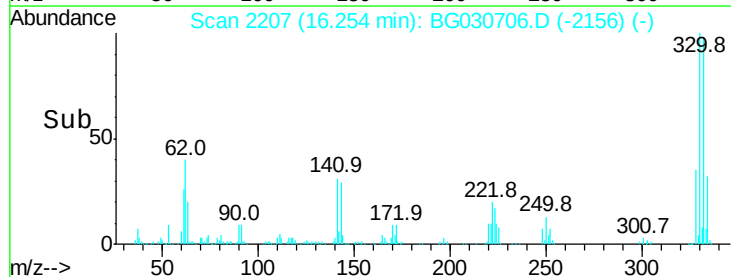
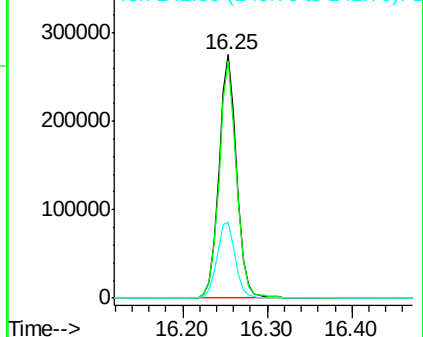


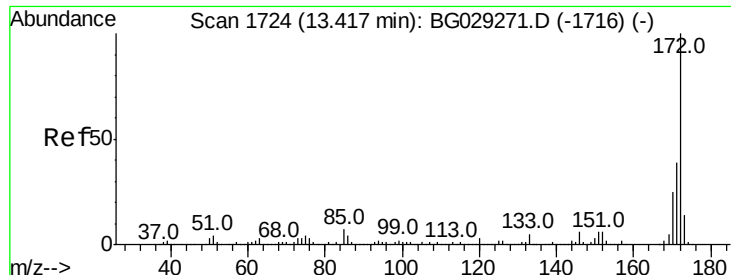
#41  
2,4,6-Tribromophenol  
Concen: 134.237 ng  
RT: 16.25 min Scan# 2207  
Delta R.T. -0.00 min  
Lab File: BG030706.D  
Acq: 3 Nov 2017 19:00

Tgt Ion:330 Resp: 401888  
Ion Ratio Lower Upper  
330 100  
332 95.6 77.0 115.6  
141 32.5 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



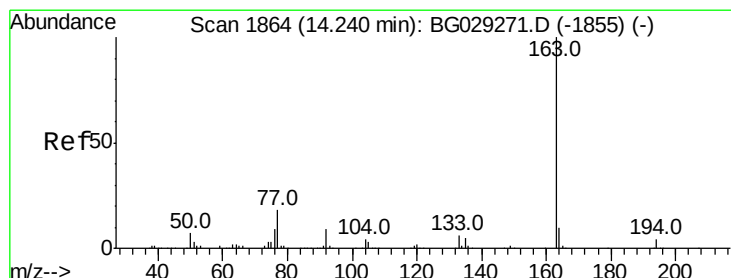
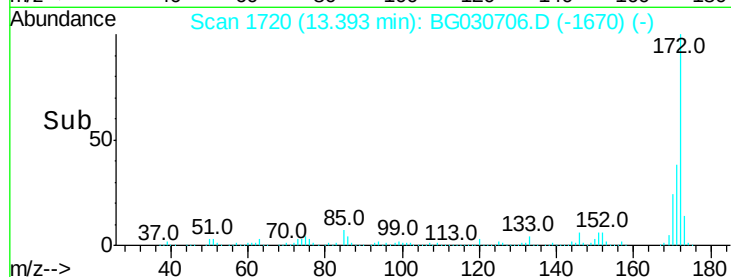
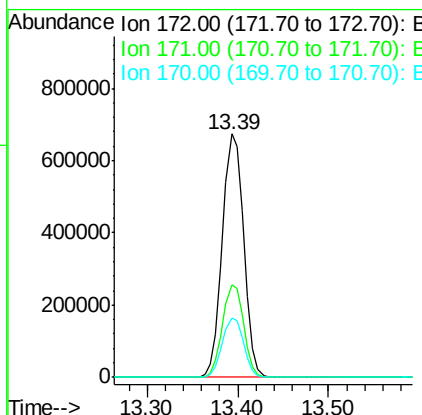
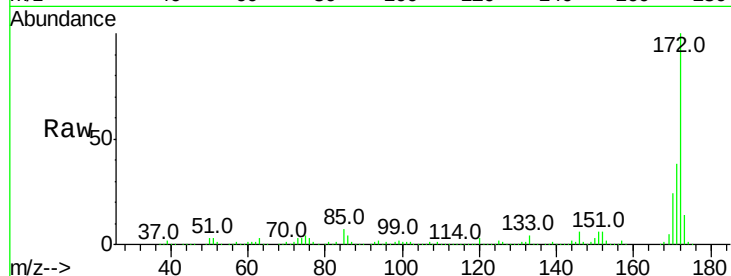


#44  
 2-Fluorobiphenyl  
 Concen: 69.683 ng  
 RT: 13.39 min Scan# 1720  
 Delta R.T. -0.01 min  
 Lab File: BG030706.D  
 Acq: 3 Nov 2017 19:00

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TEC-B6-B7-COMP-0-4

Tot Ion:172 Resp: 1101716  

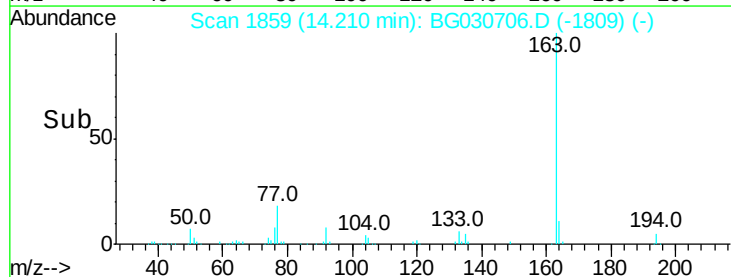
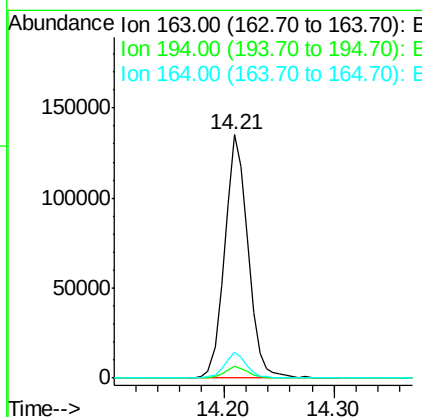
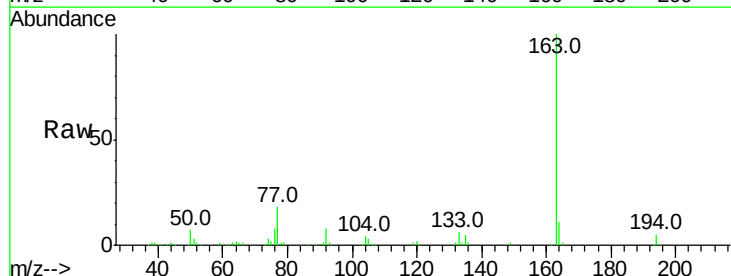
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 38.3  | 30.0  | 45.0  |
| 170 | 24.2  | 19.5  | 29.3  |

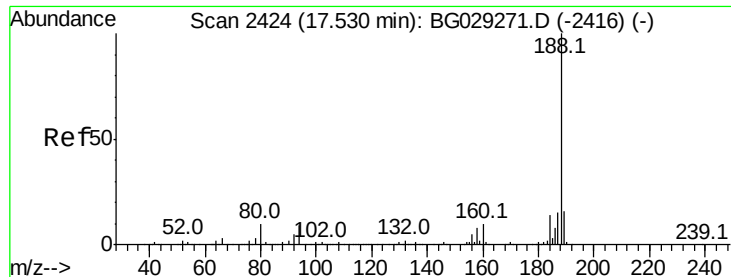


#49  
 Dimethylphthalate  
 Concen: 11.040 ng  
 RT: 14.21 min Scan# 1859  
 Delta R.T. -0.01 min  
 Lab File: BG030706.D  
 Acq: 3 Nov 2017 19:00

Tgt Ion:163 Resp: 199731  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.7   | 3.4   | 5.2   |
| 164 | 10.9  | 8.2   | 12.4  |

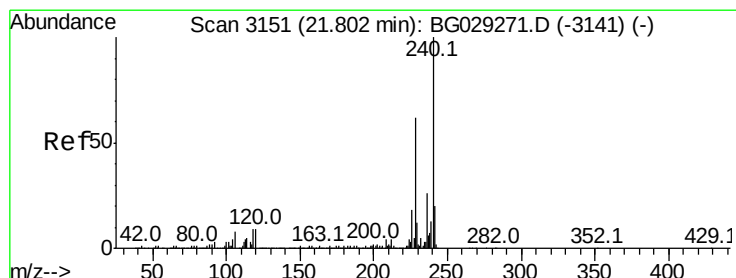
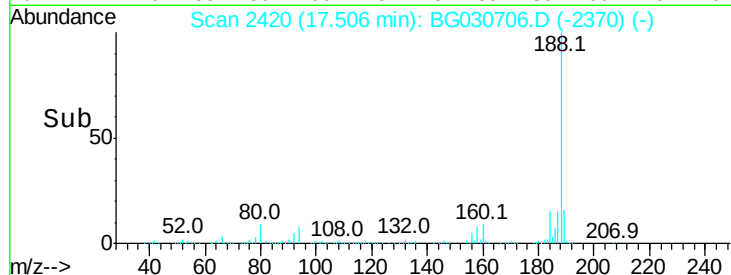
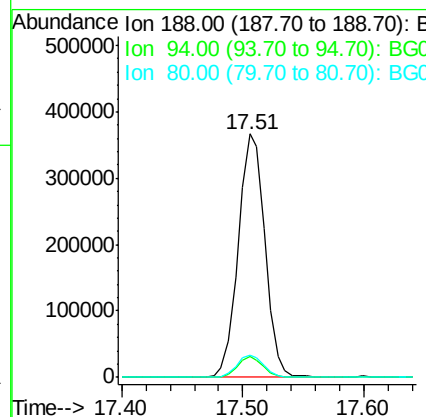
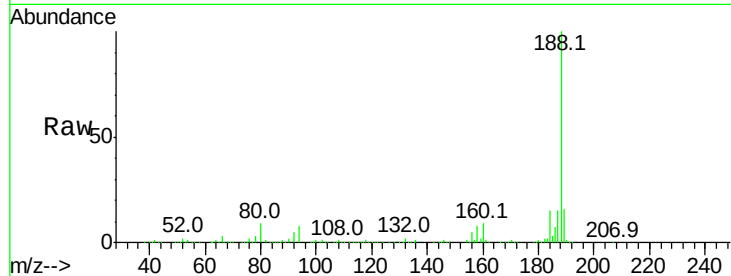




#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.51 min Scan# 2420  
Delta R.T. -0.01 min  
Lab File: BG030706.D  
Acq: 3 Nov 2017 19:00

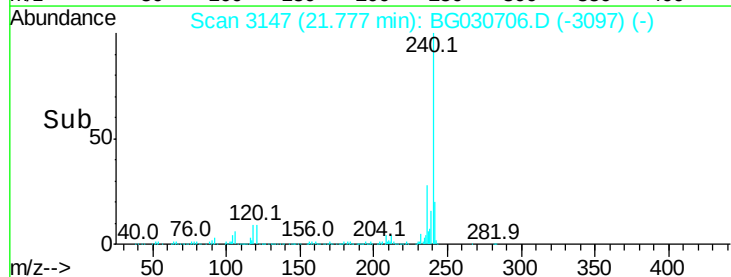
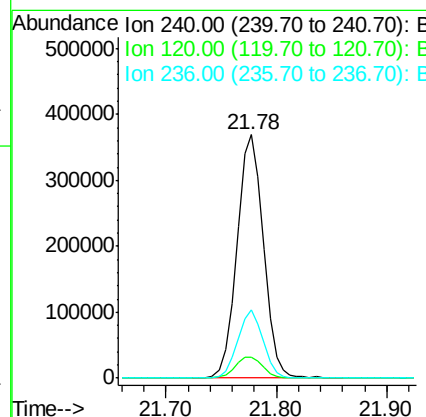
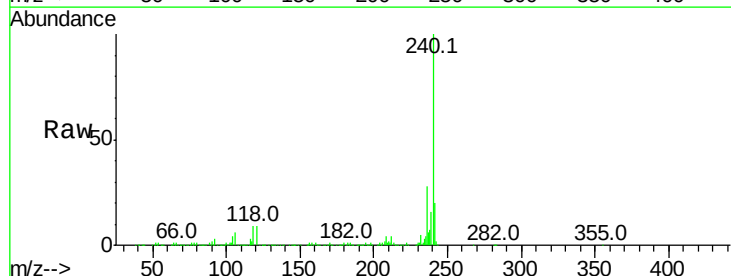
Instrument :  
BNA\_G  
ClientSampleId :  
TEC-B6-B7-COMP-0-4

Tot Ion:188 Resp: 564305  
Ion Ratio Lower Upper  
188 100  
94 8.5 6.9 10.3  
80 9.1 7.7 11.5

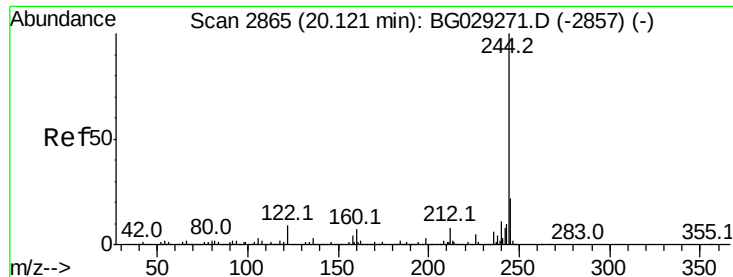


#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.78 min Scan# 3147  
Delta R.T. -0.01 min  
Lab File: BG030706.D  
Acq: 3 Nov 2017 19:00

Tgt Ion:240 Resp: 620605  
Ion Ratio Lower Upper  
240 100  
120 8.8 6.8 10.2  
236 28.1 20.9 31.3







#78

Terphenyl-d14

Concen: 67.161 ng

RT: 20.10 min Scan# 2861

Delta R.T. -0.00 min

Lab File: BG030706.D

Acq: 3 Nov 2017 19:00

Instrument :

BNA\_G

ClientSampleId :

TEC-B6-B7-COMP-0-4

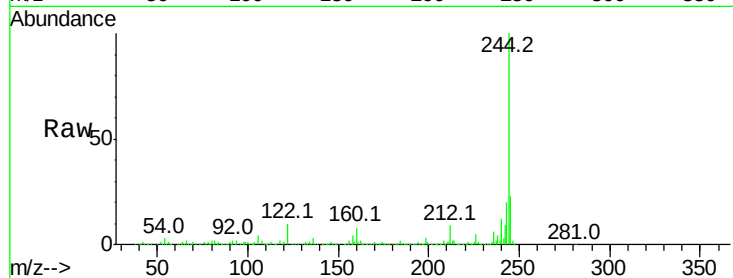
Tot Ion:244 Resp: 1832157

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

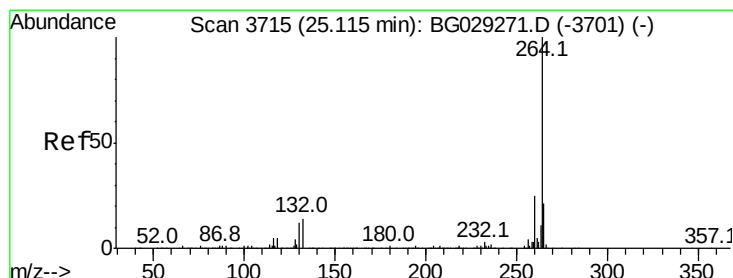
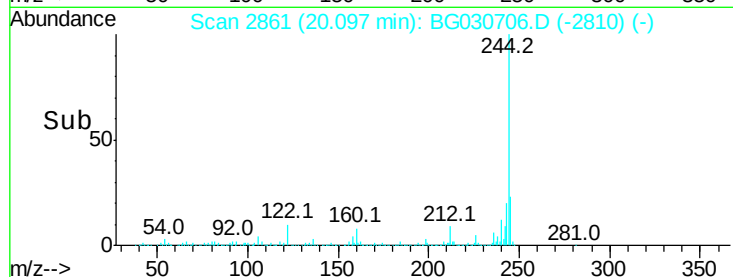
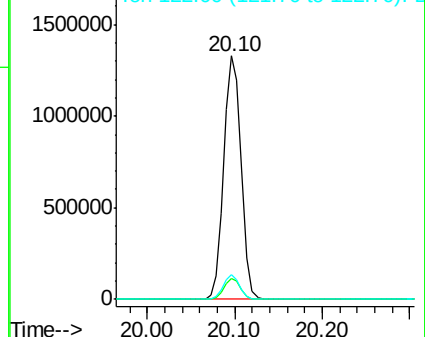
122 10.0 7.0 10.4



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: 25.08 min Scan# 3709

Delta R.T. -0.01 min

Lab File: BG030706.D

Acq: 3 Nov 2017 19:00

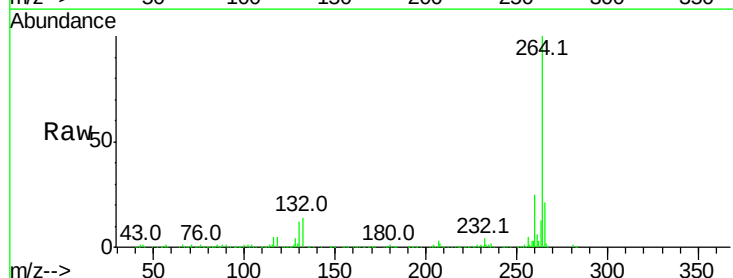
Tgt Ion:264 Resp: 637839

Ion Ratio Lower Upper

264 100

260 24.6 17.4 26.0

265 21.4 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

