

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110417\  
 Data File : BG030707.D  
 Acq On : 3 Nov 2017 19:38  
 Operator : SJ/JU  
 Sample : I6093-04  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TEC-B6-B7-COMP-4-12

Quant Time: Nov 03 23:19:17 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

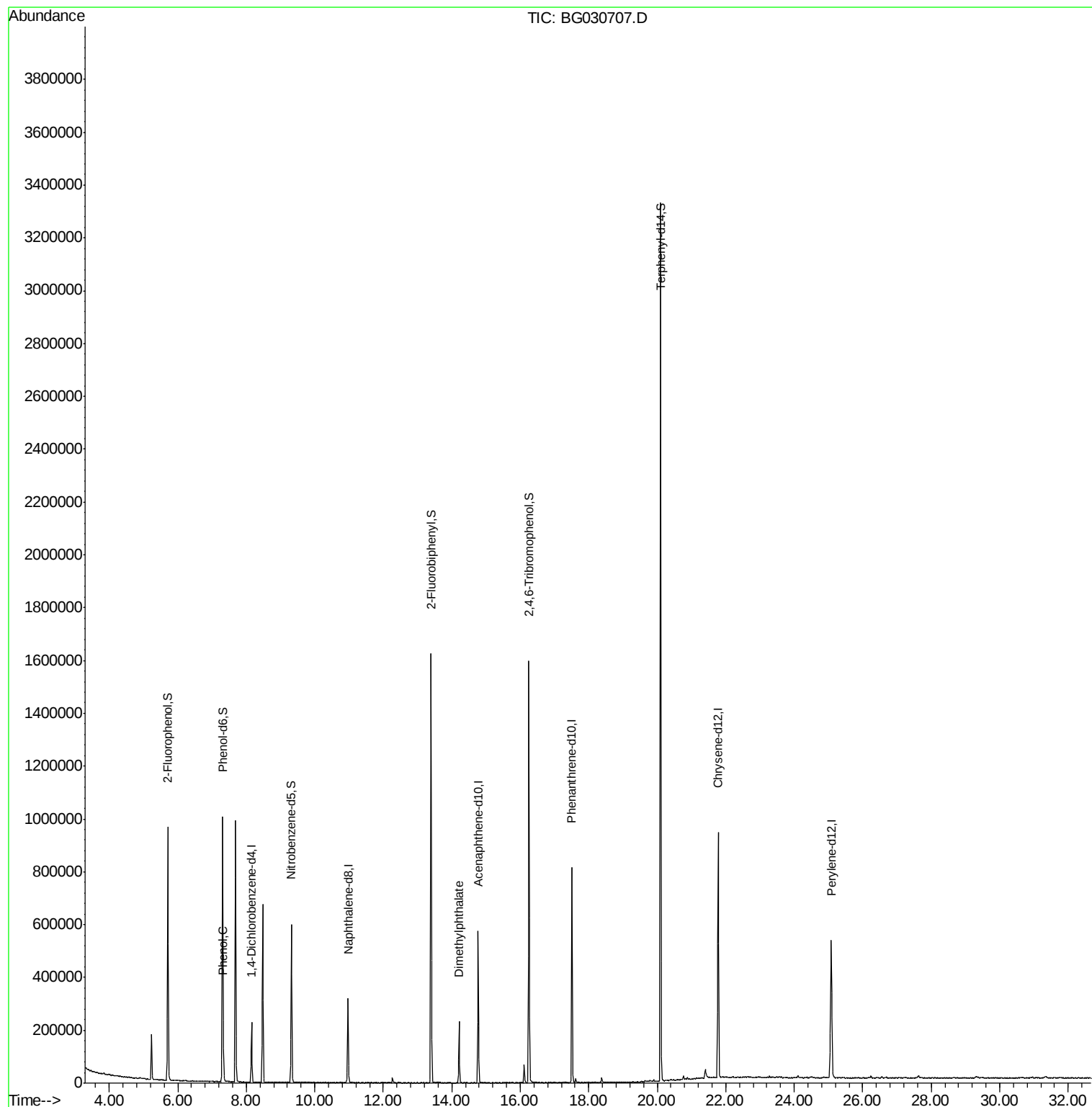
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.15  | 152  | 64092    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.97 | 136  | 299091   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 14.77 | 164  | 207729   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 17.51 | 188  | 510209   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 21.78 | 240  | 561647   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 25.08 | 264  | 559587   | 20.00  | ng    | -0.01    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.71  | 112  | 452113   | 117.84 | ng    | 0.00     |
| 7) Phenol-d6                | 7.31  | 99   | 625150   | 116.09 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.32  | 82   | 370222   | 78.66  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 16.25 | 330  | 328145   | 122.35 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 13.39 | 172  | 883679   | 62.39  | ng    | 0.00     |
| 78) Terphenyl-d14           | 20.10 | 244  | 1513415  | 61.30  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 7.34  | 94   | 36289    | 6.250  | ng    | 99       |
| 49) Dimethylphthalate       | 14.21 | 163  | 171411   | 10.576 | ng    | 100      |

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

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Sample : I6093-04  
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BNA\_G  
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TEC-B6-B7-COMP-4-12

Quant Time: Nov 03 23:19:17 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



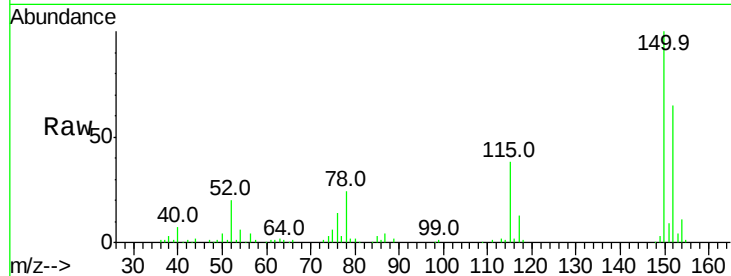


#1

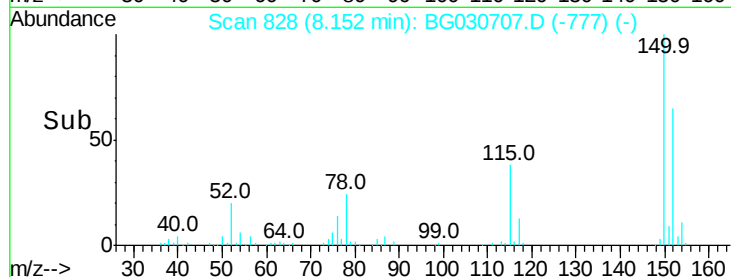
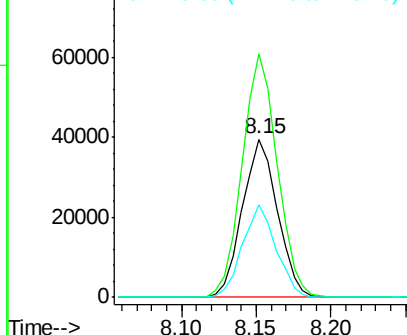
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.15 min Scan# 828  
Delta R.T. -0.00 min  
Lab File: BG030707.D  
Acq: 3 Nov 2017 19:38

Instrument :  
BNA\_G  
ClientSampleId :  
TEC-B6-B7-COMP-4-12

Tot Ion:152 Resp: 64092  
Ion Ratio Lower Upper  
152 100  
150 153.8 126.6 189.8  
115 58.5 53.0 79.4



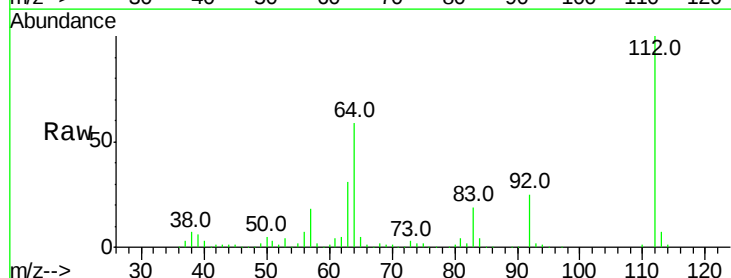
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



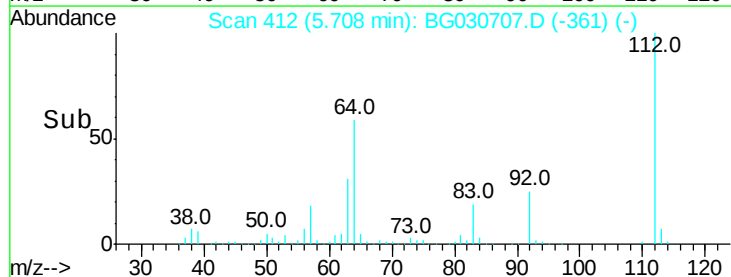
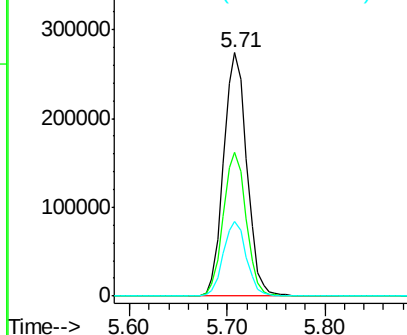
#5

2-Fluorophenol  
Concen: 117.843 ng  
RT: 5.71 min Scan# 412  
Delta R.T. -0.00 min  
Lab File: BG030707.D  
Acq: 3 Nov 2017 19:38

Tgt Ion:112 Resp: 452113  
Ion Ratio Lower Upper  
112 100  
64 58.9 56.3 84.5  
63 30.6 30.1 45.1



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: 116.086 ng

RT: 7.31 min Scan# 684

Delta R.T. -0.00 min

Lab File: BG030707.D

Acq: 3 Nov 2017 19:38

Instrument :

BNA\_G

ClientSampleId :

TEC-B6-B7-COMP-4-12

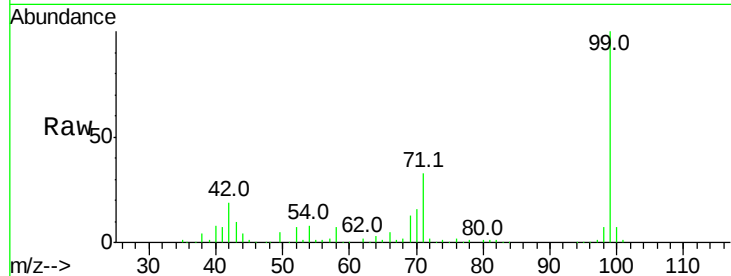
Tot Ion: 99 Resp: 625150

Ion Ratio Lower Upper

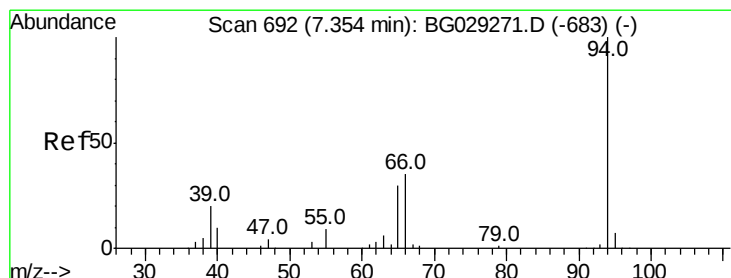
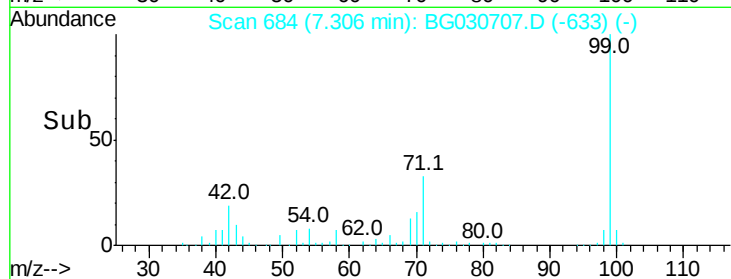
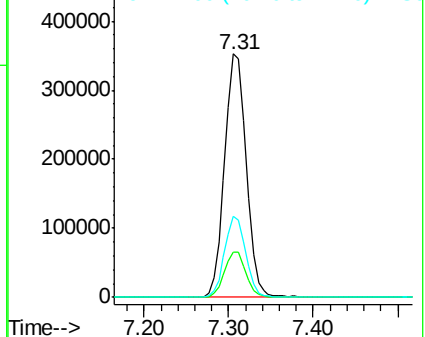
99 100

42 18.7 14.1 21.1

71 33.2 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: 6.250 ng

RT: 7.34 min Scan# 689

Delta R.T. -0.00 min

Lab File: BG030707.D

Acq: 3 Nov 2017 19:38

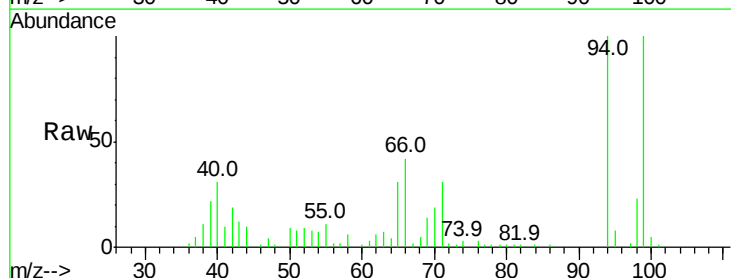
Tgt Ion: 94 Resp: 36289

Ion Ratio Lower Upper

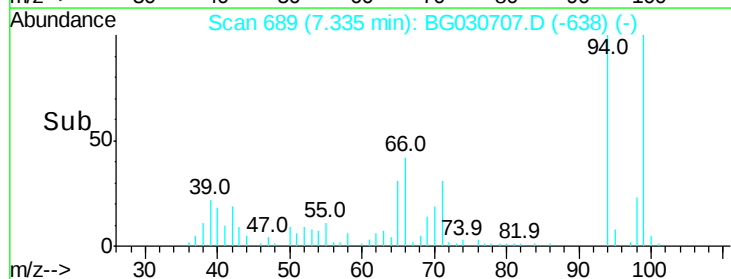
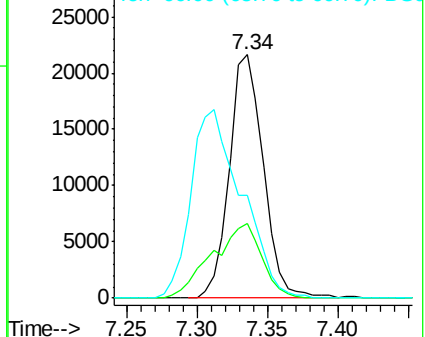
94 100

65 30.9 11.9 51.9

66 42.3 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

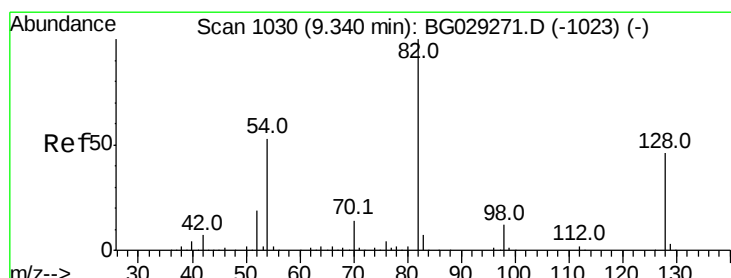
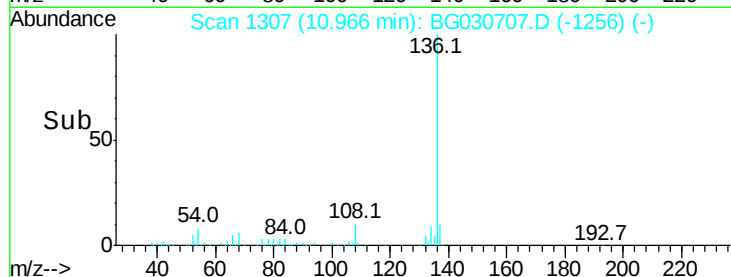
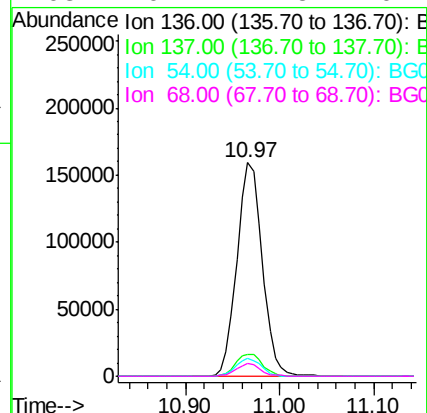
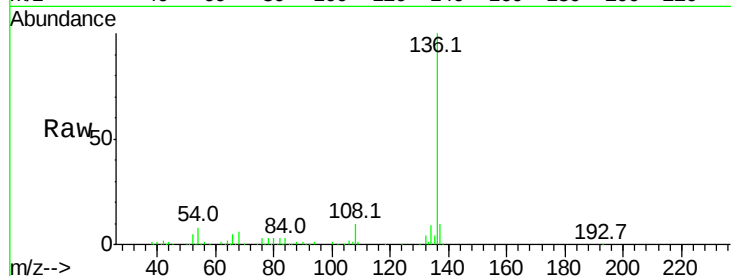




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.97 min Scan# 1307  
Delta R.T. -0.00 min  
Lab File: BG030707.D  
Acq: 3 Nov 2017 19:38

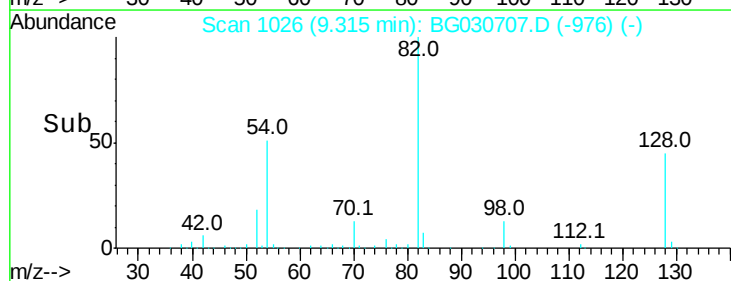
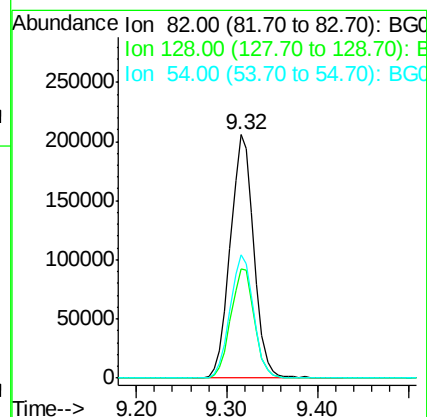
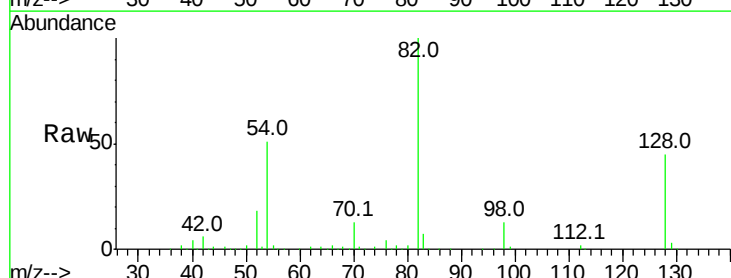
Instrument :  
BNA\_G  
ClientSampleId :  
TEC-B6-B7-COMP-4-12

|             |       |            |
|-------------|-------|------------|
| Tot Ion:136 | Resp: | 299091     |
| Ion Ratio   | Lower | Upper      |
| 136         | 100   |            |
| 137         | 10.5  | 9.2 13.8   |
| 54          | 8.7   | 10.3 15.5# |
| 68          | 6.2   | 4.5 6.7    |



#23  
Nitrobenzene-d5  
Concen: 78.660 ng  
RT: 9.32 min Scan# 1026  
Delta R.T. -0.01 min  
Lab File: BG030707.D  
Acq: 3 Nov 2017 19:38

|             |       |            |
|-------------|-------|------------|
| Tgt Ion: 82 | Resp: | 370222     |
| Ion Ratio   | Lower | Upper      |
| 82          | 100   |            |
| 128         | 45.1  | 29.7 44.5# |
| 54          | 50.7  | 43.1 64.7  |





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BG030707.D

Acq: 3 Nov 2017 19:38

Instrument :

BNA\_G

ClientSampleId :

TEC-B6-B7-COMP-4-12

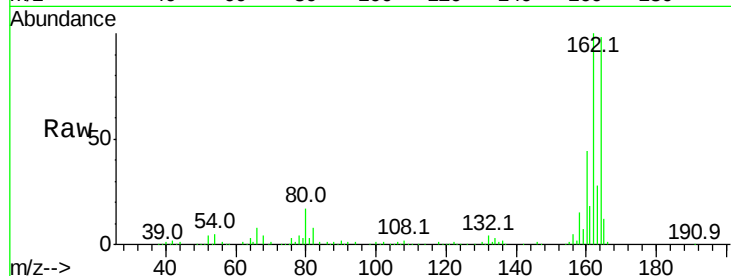
Tot Ion:164 Resp: 207729

Ion Ratio Lower Upper

164 100

162 102.4 78.8 118.2

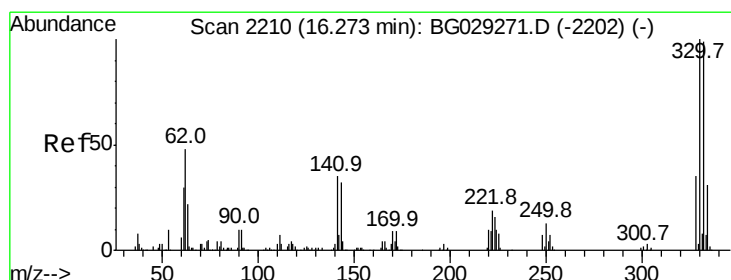
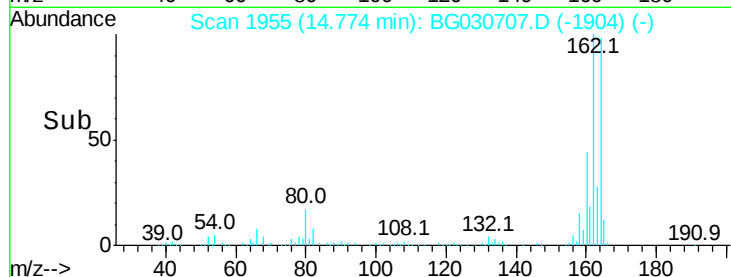
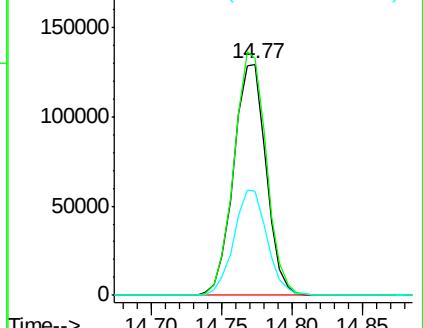
160 45.1 35.4 53.0



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: 122.351 ng

RT: 16.25 min Scan# 2207

Delta R.T. -0.00 min

Lab File: BG030707.D

Acq: 3 Nov 2017 19:38

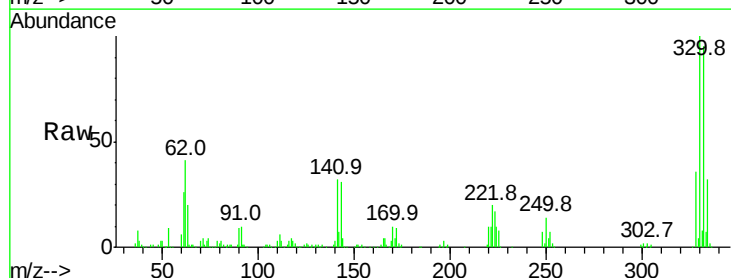
Tgt Ion:330 Resp: 328145

Ion Ratio Lower Upper

330 100

332 96.0 77.0 115.6

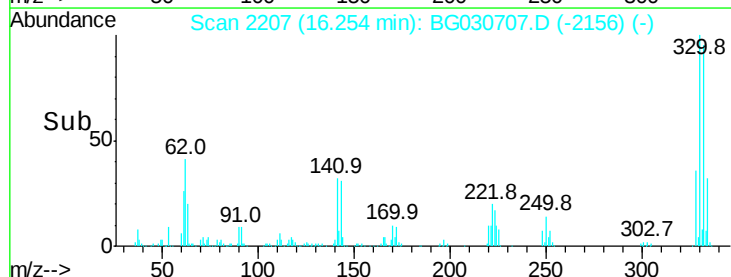
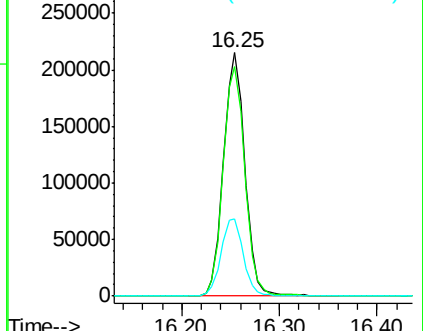
141 33.1 25.2 37.8



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



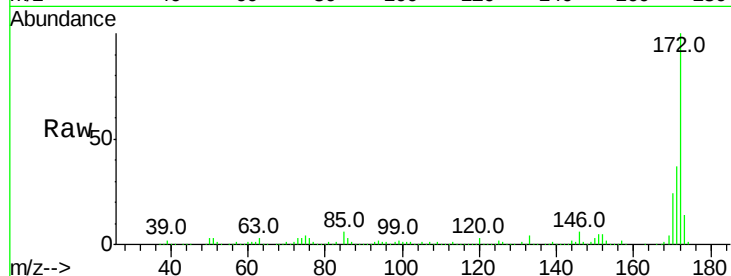


#44  
 2-Fluorobiphenyl  
 Concen: 62.391 ng  
 RT: 13.39 min Scan# 1720  
 Delta R.T. -0.01 min  
 Lab File: BG030707.D  
 Acq: 3 Nov 2017 19:38

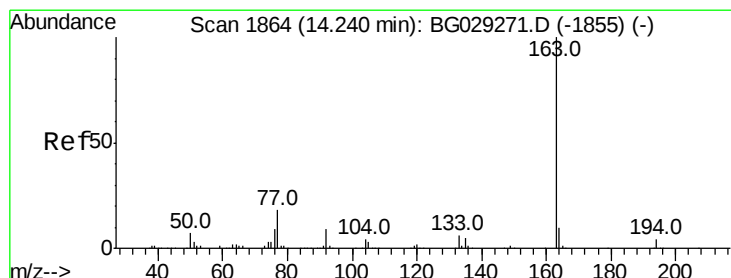
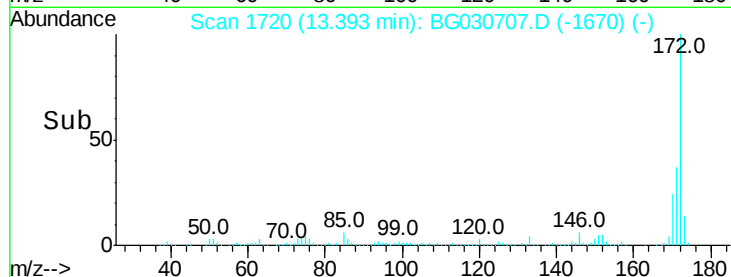
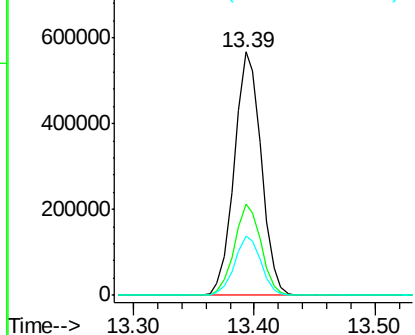
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TEC-B6-B7-COMP-4-12

Tot Ion:172 Resp: 883679  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 37.3  | 30.0  | 45.0  |
| 170 | 24.5  | 19.5  | 29.3  |



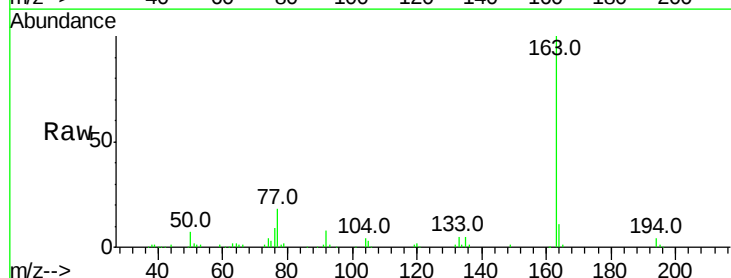
Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E



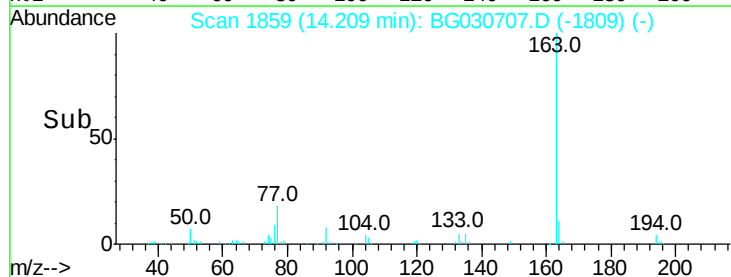
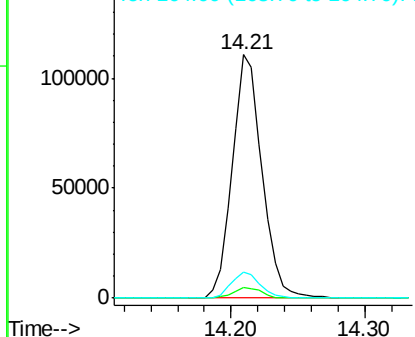
#49  
 Dimethylphthalate  
 Concen: 10.576 ng  
 RT: 14.21 min Scan# 1859  
 Delta R.T. -0.01 min  
 Lab File: BG030707.D  
 Acq: 3 Nov 2017 19:38

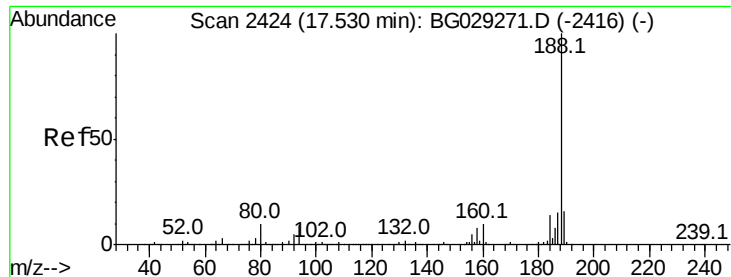
Tgt Ion:163 Resp: 171411  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.3   | 3.4   | 5.2   |
| 164 | 10.5  | 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

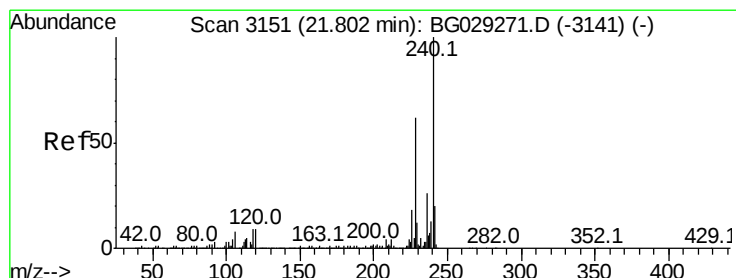
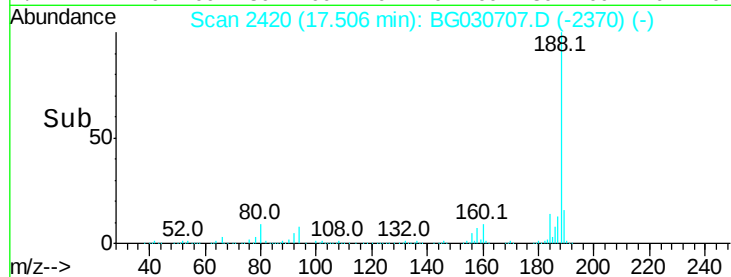
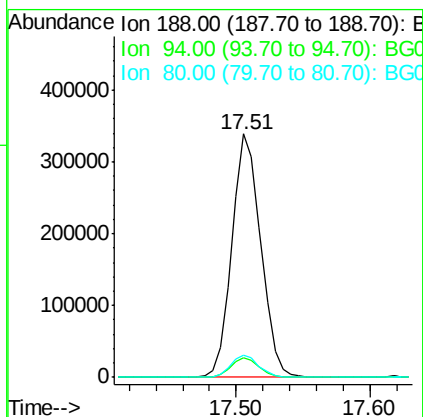
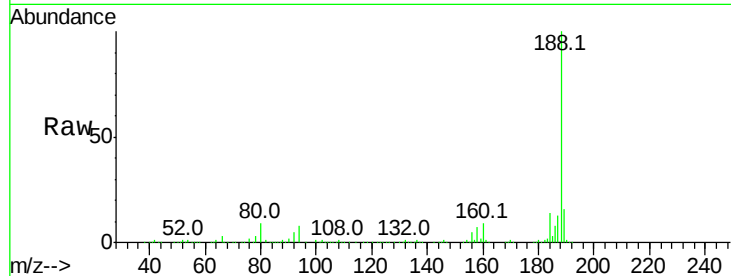




#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.51 min Scan# 2420  
Delta R.T. -0.01 min  
Lab File: BG030707.D  
Acq: 3 Nov 2017 19:38

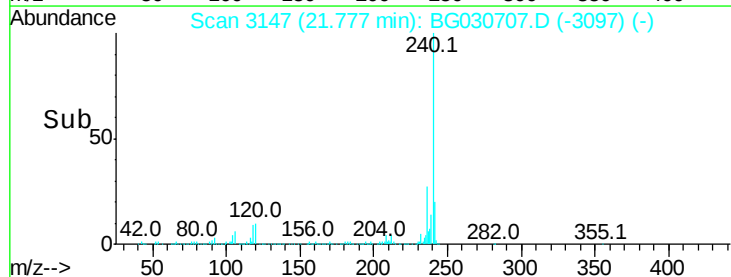
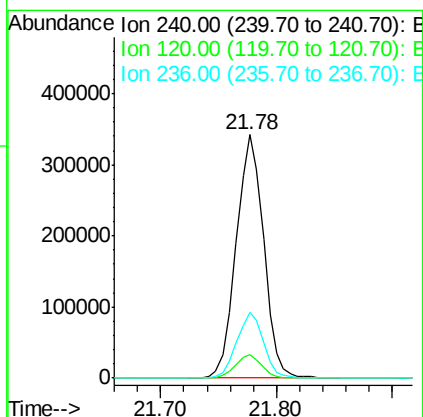
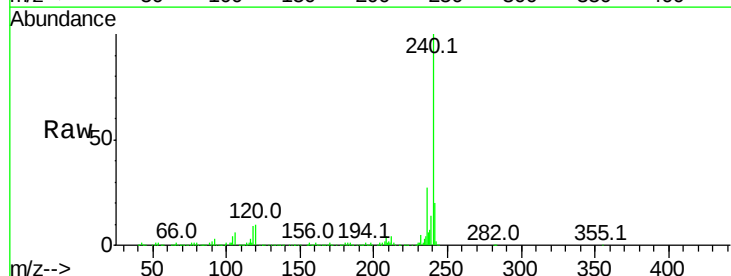
Instrument :  
BNA\_G  
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TEC-B6-B7-COMP-4-12

Tot Ion:188 Resp: 510209  
Ion Ratio Lower Upper  
188 100  
94 8.1 6.9 10.3  
80 9.0 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: BG030707.D  
Acq: 3 Nov 2017 19:38

Tgt Ion:240 Resp: 561647  
Ion Ratio Lower Upper  
240 100  
120 9.9 6.8 10.2  
236 26.9 20.9 31.3





#78

Terphenyl-d14

Concen: 61.300 ng

RT: 20.10 min Scan# 2861

Delta R.T. -0.00 min

Lab File: BG030707.D

Acq: 3 Nov 2017 19:38

Instrument :

BNA\_G

ClientSampleId :

TEC-B6-B7-COMP-4-12

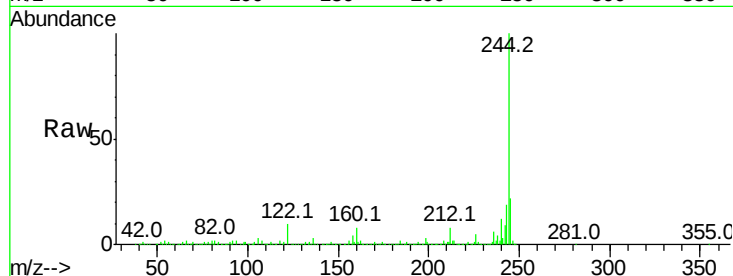
Tot Ion:244 Resp: 1513415

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 8.0   | 5.8   | 8.8   |
| 122 | 9.7   | 7.0   | 10.4  |

244 100

212 8.0 5.8 8.8

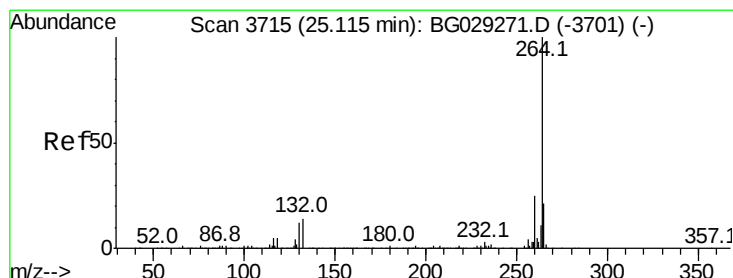
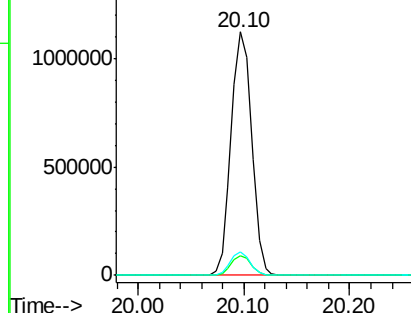
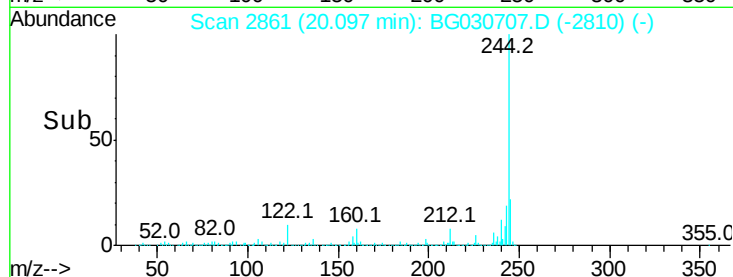
122 9.7 7.0 10.4



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: BG030707.D

Acq: 3 Nov 2017 19:38

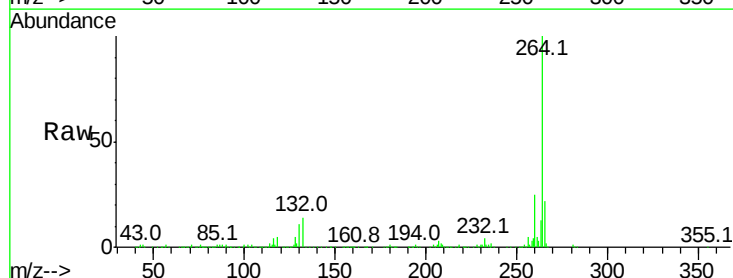
Tgt Ion:264 Resp: 559587

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.6  | 17.4  | 26.0  |
| 265 | 22.0  | 17.7  | 26.5  |

264 100

260 24.6 17.4 26.0

265 22.0 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

