

Data Path : U:\HPCHEM1\BNA G\DATA\BG122617\  
 Data File : BG031764.D  
 Acq On : 26 Dec 2017 16:37  
 Operator : SJ/JU  
 Sample : I7019-01  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EP-27

Quant Time: Dec 26 17:32:42 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

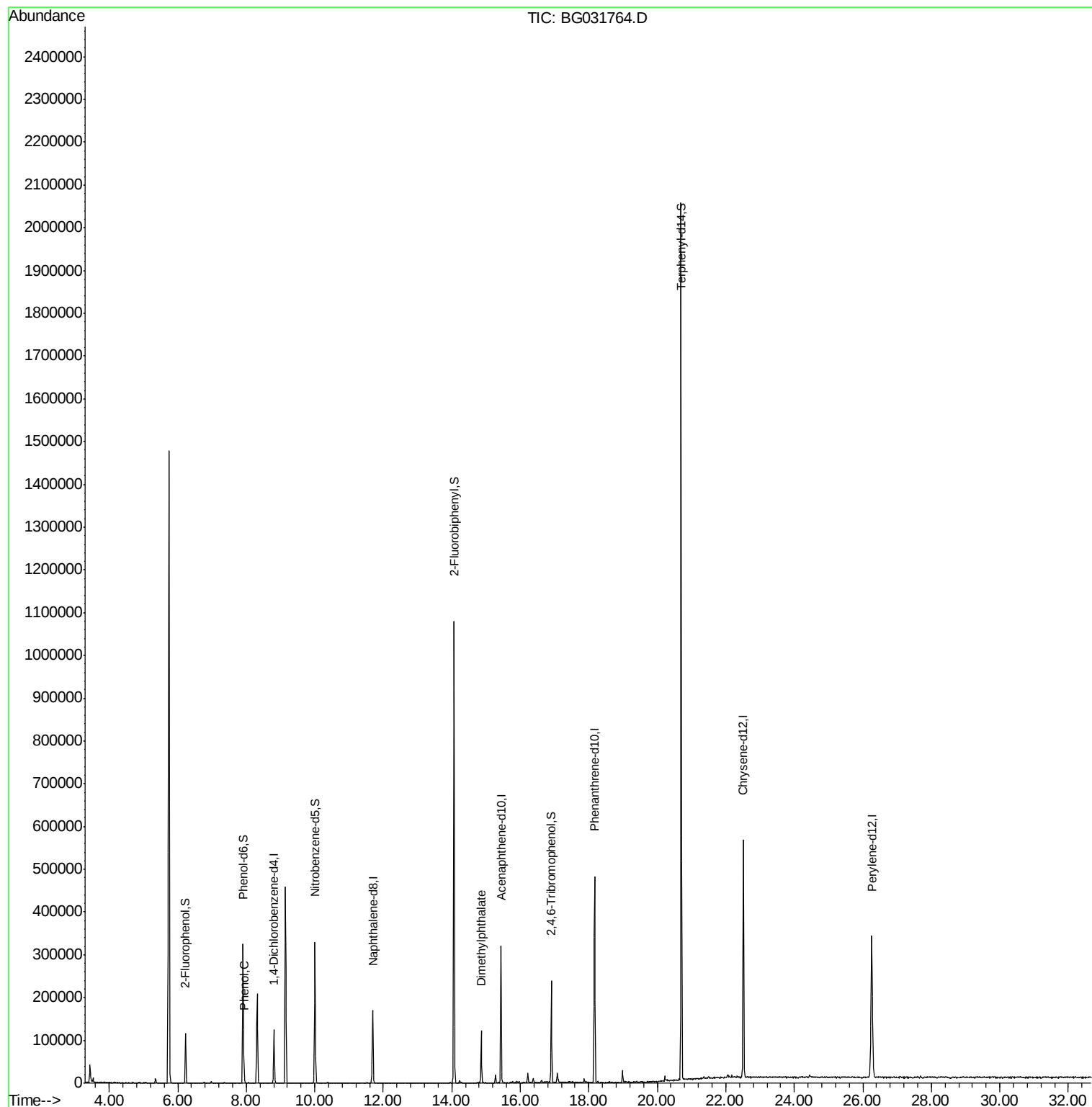
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.80  | 152  | 44597    | 20.00 | ng    | -0.04    |
| 21) Naphthalene-d8          | 11.69 | 136  | 180470   | 20.00 | ng    | -0.03    |
| 38) Acenaphthene-d10        | 15.43 | 164  | 123576   | 20.00 | ng    | -0.04    |
| 63) Phenanthrene-d10        | 18.17 | 188  | 341913   | 20.00 | ng    | -0.04    |
| 75) Chrysene-d12            | 22.51 | 240  | 417287   | 20.00 | ng    | -0.06    |
| 86) Perylene-d12            | 26.26 | 264  | 445642   | 20.00 | ng    | -0.10    |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 6.22  | 112  | 62988    | 25.72 | ng    | -0.02    |
| 7) Phenol-d6                | 7.91  | 99   | 225671   | 70.99 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 10.00 | 82   | 214170   | 89.61 | ng    | -0.04    |
| 41) 2,4,6-Tribromophenol    | 16.91 | 330  | 56278    | 29.85 | ng    | -0.04    |
| 44) 2-Fluorobiphenyl        | 14.06 | 172  | 677007   | 68.76 | ng    | -0.04    |
| 78) Terphenyl-d14           | 20.70 | 244  | 1165475  | 63.81 | ng    | -0.04    |
| Target Compounds            |       |      |          |       |       |          |
| 10) Phenol                  | 7.93  | 94   | 15021    | 4.680 | ng    | 90       |
| 49) Dimethylphthalate       | 14.86 | 163  | 96247    | 8.841 | ng    | 98       |

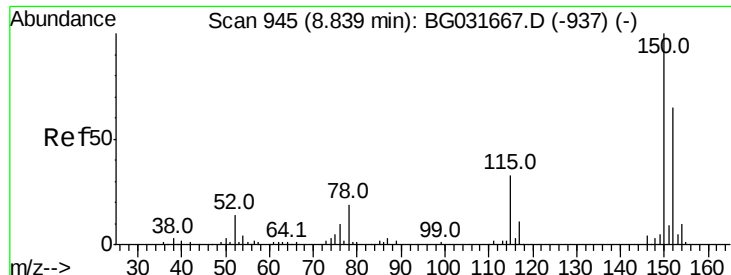
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 22 11:08:55 2017  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.80 min Scan# 939

Delta R.T. -0.04 min

Lab File: BG031764.D

Acq: 26 Dec 2017 16:37

Instrument :

BNA\_G

ClientSampleId :

EP-27

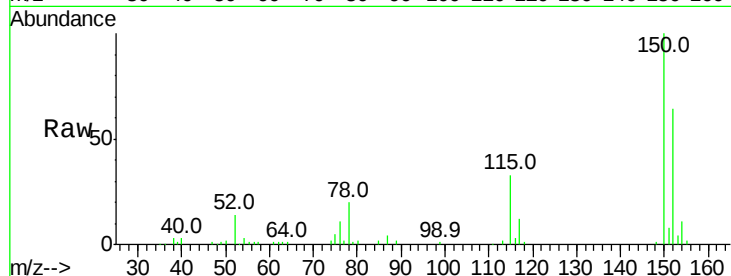
Tot Ion:152 Resp: 44597

Ion Ratio Lower Upper

152 100

150 155.6 126.6 189.8

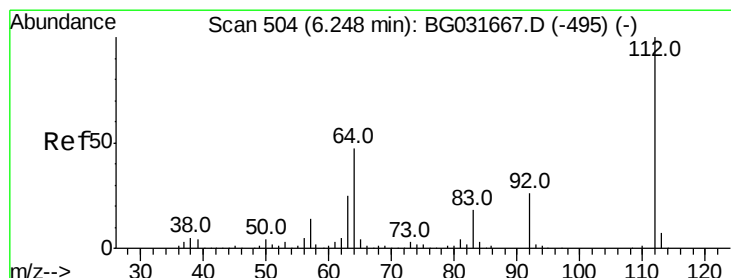
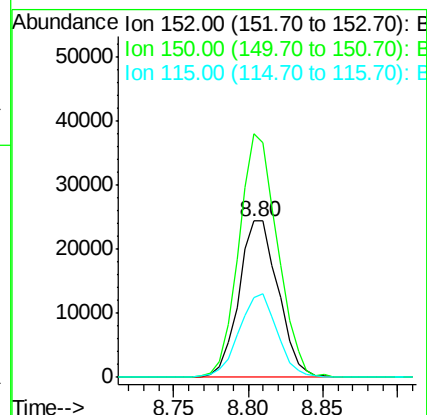
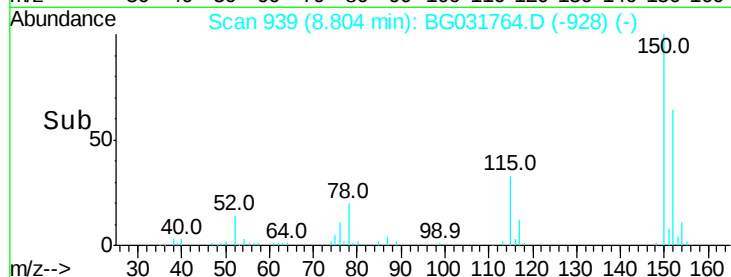
115 51.3 53.0 79.4#



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: 25.725 ng

RT: 6.22 min Scan# 500

Delta R.T. -0.02 min

Lab File: BG031764.D

Acq: 26 Dec 2017 16:37

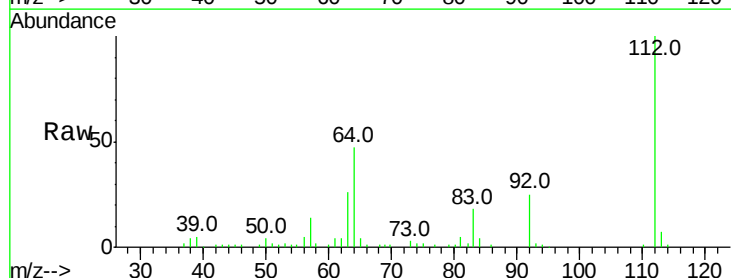
Tgt Ion:112 Resp: 62988

Ion Ratio Lower Upper

112 100

64 47.3 56.3 84.5#

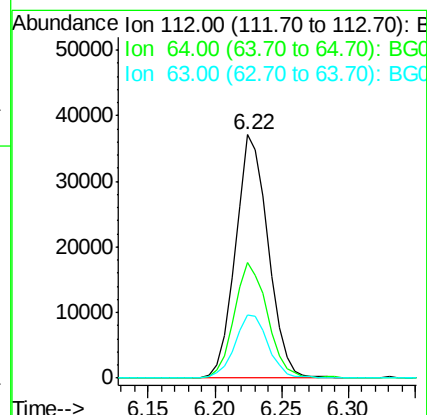
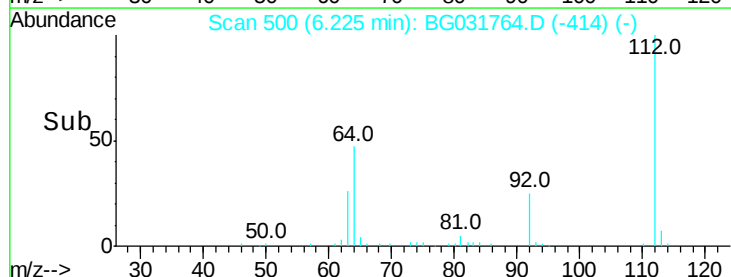
63 25.8 30.1 45.1#

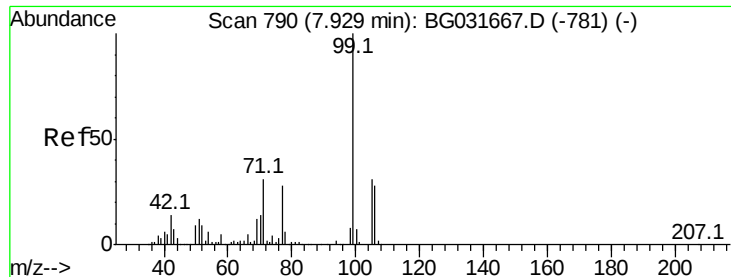


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 70.988 ng

RT: 7.91 min Scan# 786

Delta R.T. -0.02 min

Lab File: BG031764.D

Acq: 26 Dec 2017 16:37

Instrument :

BNA\_G

ClientSampleId :

EP-27

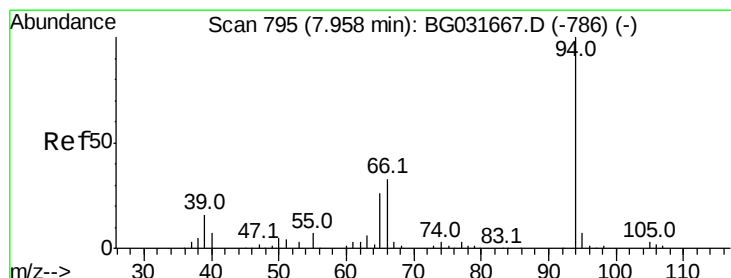
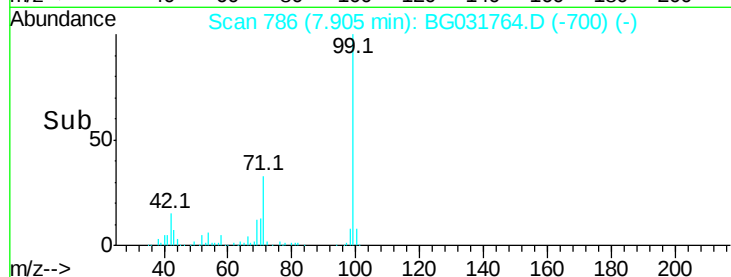
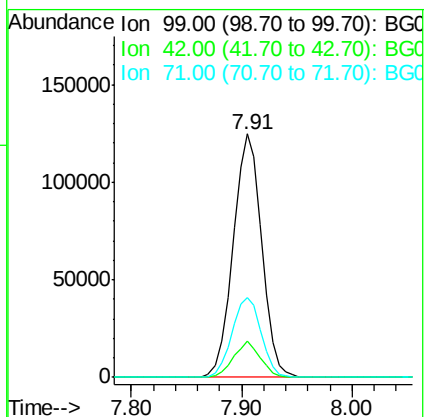
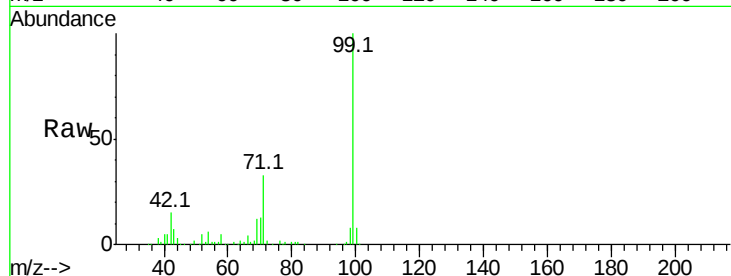
Tot Ion: 99 Resp: 225671

Ion Ratio Lower Upper

99 100

42 15.1 14.1 21.1

71 33.0 26.1 39.1



#10

Phenol

Concen: 4.680 ng

RT: 7.93 min Scan# 791

Delta R.T. -0.02 min

Lab File: BG031764.D

Acq: 26 Dec 2017 16:37

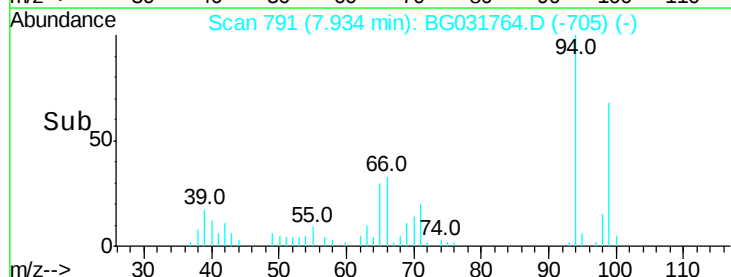
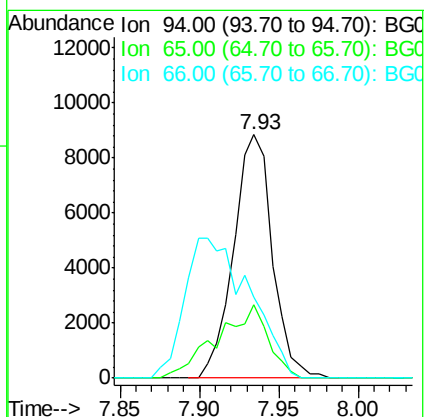
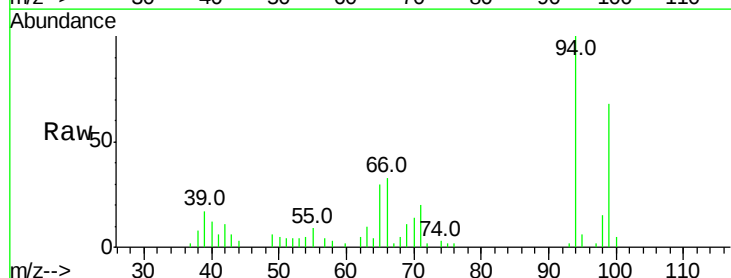
Tgt Ion: 94 Resp: 15021

Ion Ratio Lower Upper

94 100

65 30.0 11.9 51.9

66 33.2 22.2 62.2

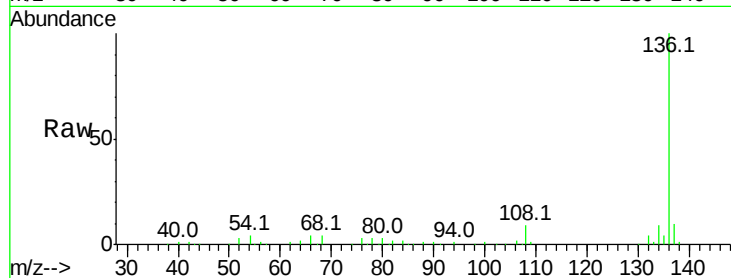




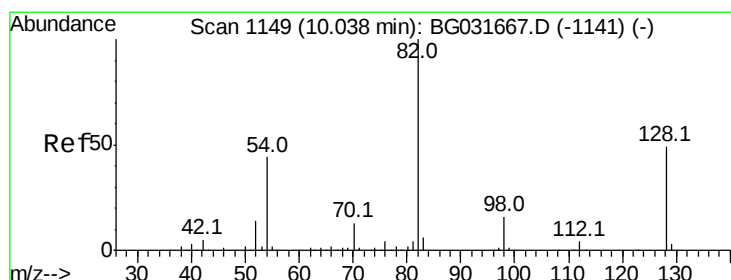
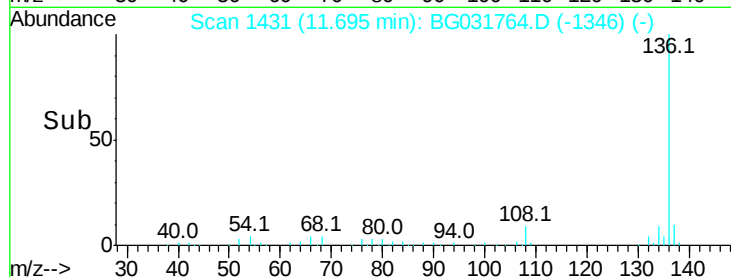
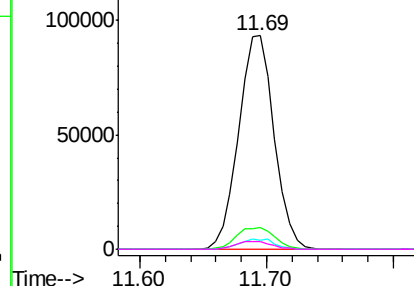
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.69 min Scan# 1431  
Delta R.T. -0.03 min  
Lab File: BG031764.D  
Acq: 26 Dec 2017 16:37

Instrument :  
BNA\_G  
ClientSampleId :  
EP-27

Tot Ion:136 Resp: 180470  
Ion Ratio Lower Upper  
136 100  
137 10.3 9.2 13.8  
54 4.5 10.3 15.5#  
68 3.6 4.5 6.7#

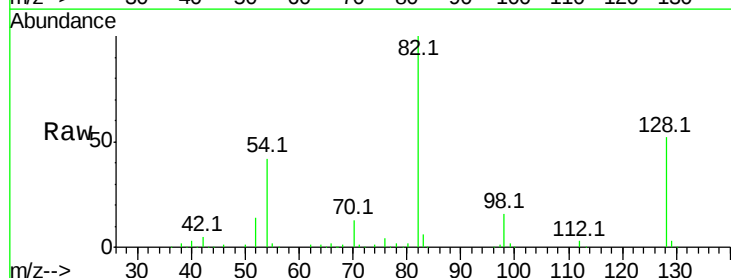


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

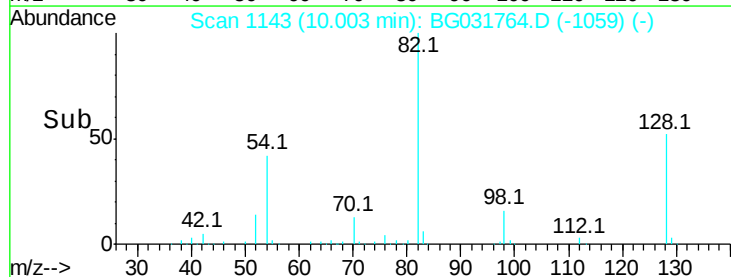
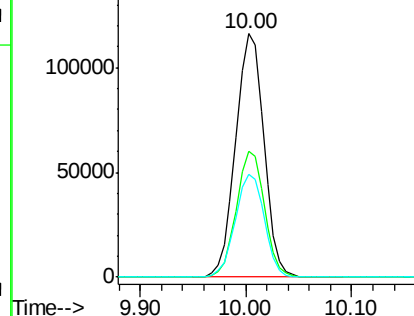


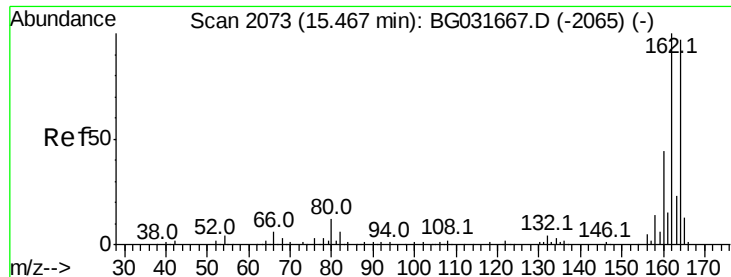
#23  
Nitrobenzene-d5  
Concen: 89.613 ng  
RT: 10.00 min Scan# 1143  
Delta R.T. -0.04 min  
Lab File: BG031764.D  
Acq: 26 Dec 2017 16:37

Tgt Ion: 82 Resp: 214170  
Ion Ratio Lower Upper  
82 100  
128 51.8 29.7 44.5#  
54 42.2 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: 15.43 min Scan# 2067

Delta R.T. -0.04 min

Lab File: BG031764.D

Acq: 26 Dec 2017 16:37

Instrument :

BNA\_G

ClientSampleId :

EP-27

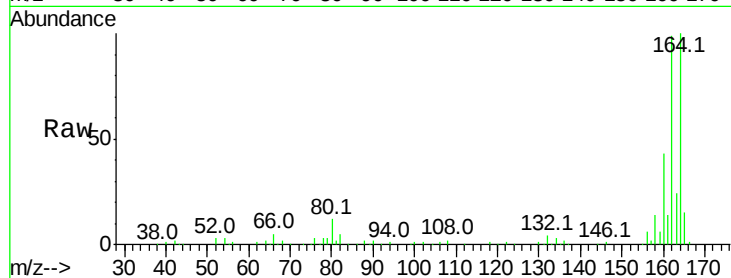
Tot Ion:164 Resp: 123576

Ion Ratio Lower Upper

164 100

162 99.0 78.8 118.2

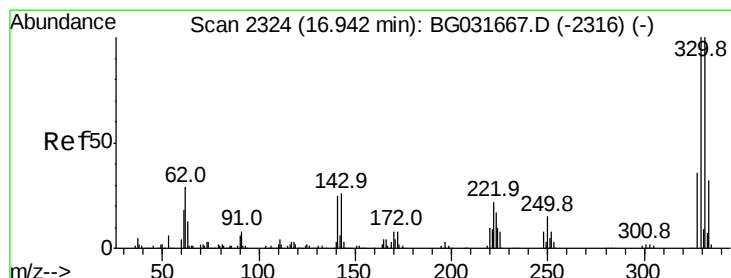
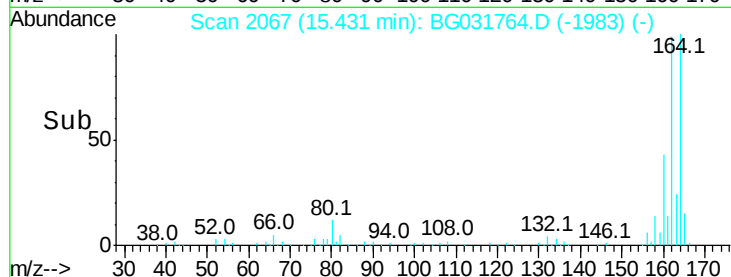
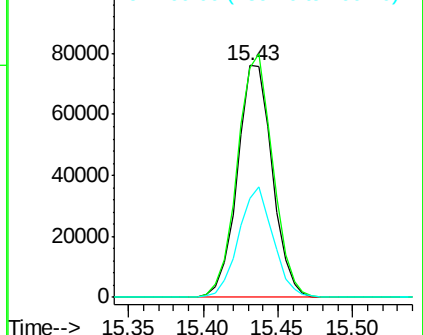
160 42.8 35.4 53.0



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: 29.846 ng

RT: 16.91 min Scan# 2318

Delta R.T. -0.04 min

Lab File: BG031764.D

Acq: 26 Dec 2017 16:37

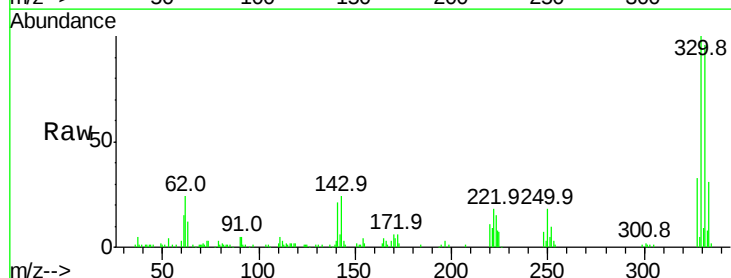
Tgt Ion:330 Resp: 56278

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

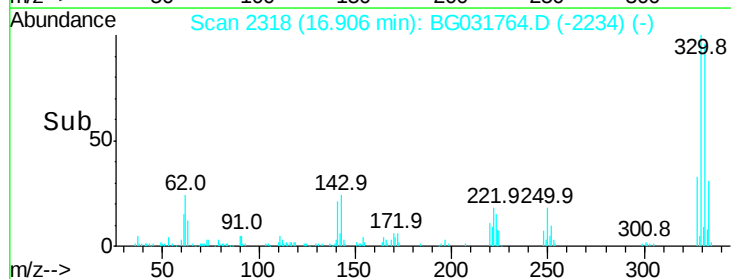
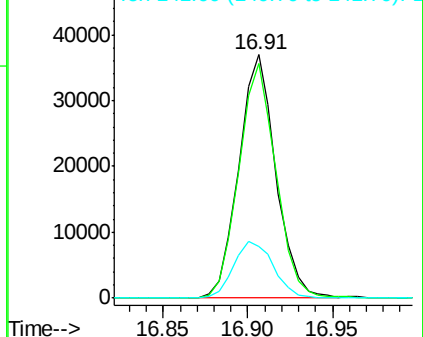
141 24.8 25.2 37.8#



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

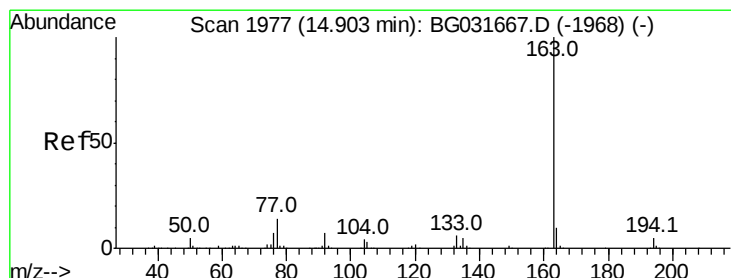
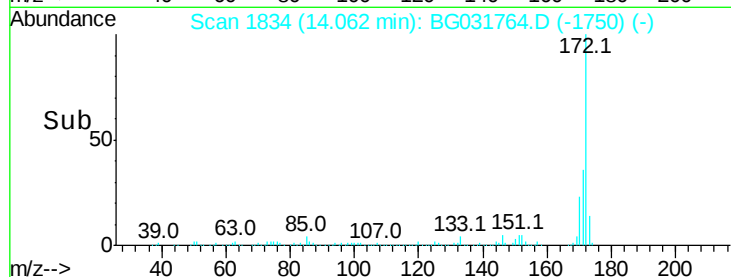
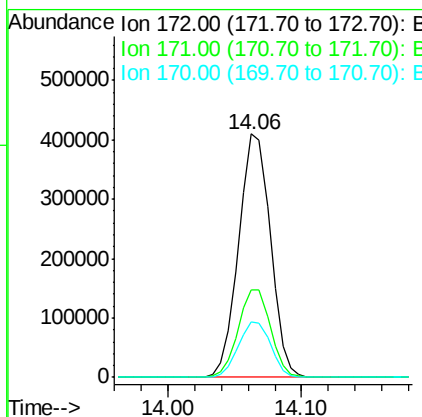
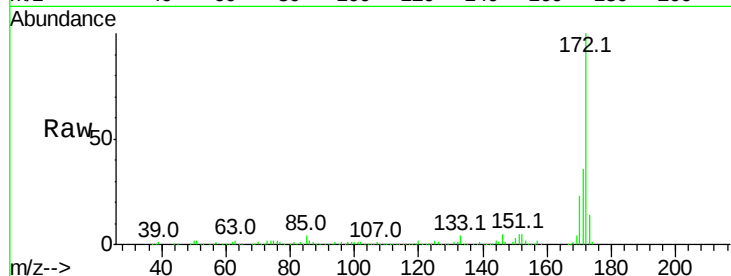




#44  
2-Fluorobiphenyl  
Concen: 68.762 ng  
RT: 14.06 min Scan# 1834  
Delta R.T. -0.04 min  
Lab File: BG031764.D  
Acq: 26 Dec 2017 16:37

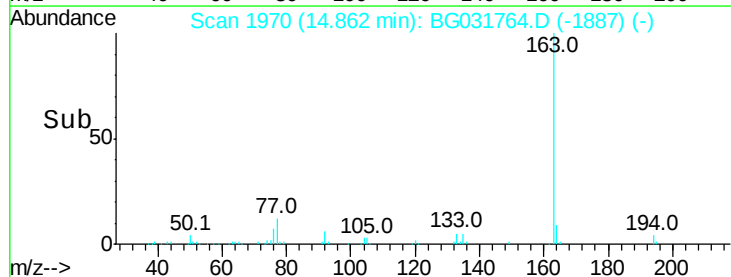
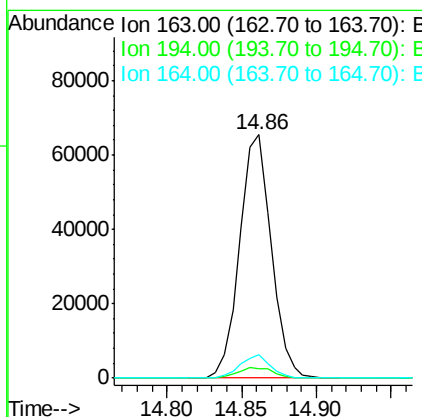
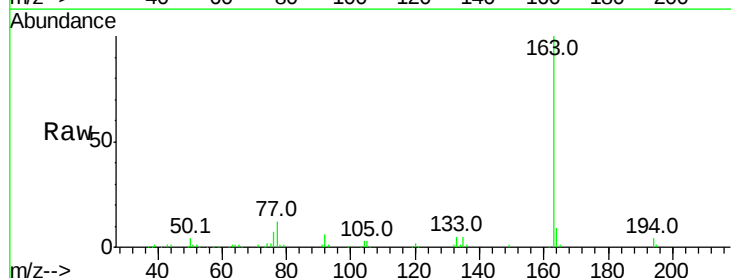
Instrument :  
BNA\_G  
ClientSampleId :  
EP-27

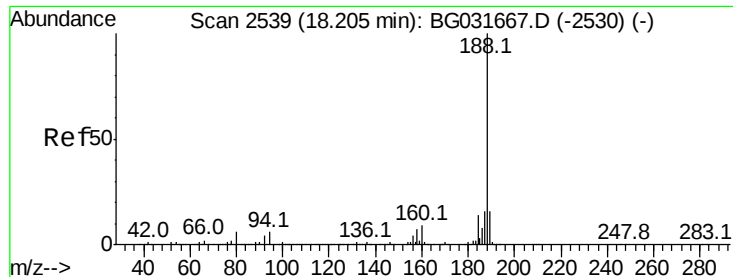
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.2  | 30.0  | 45.0  |
| 170     | 22.7  | 19.5  | 29.3  |



#49  
Dimethylphthalate  
Concen: 8.841 ng  
RT: 14.86 min Scan# 1970  
Delta R.T. -0.04 min  
Lab File: BG031764.D  
Acq: 26 Dec 2017 16:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 3.6   | 3.4   | 5.2   |
| 164     | 9.4   | 8.2   | 12.4  |

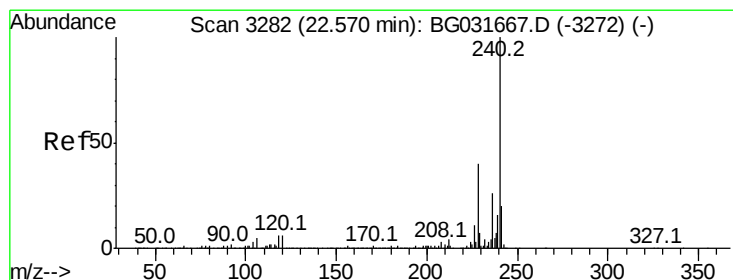
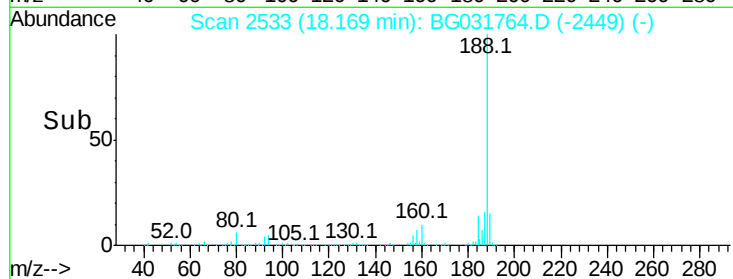
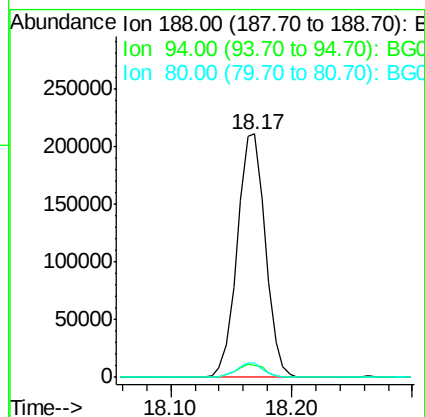
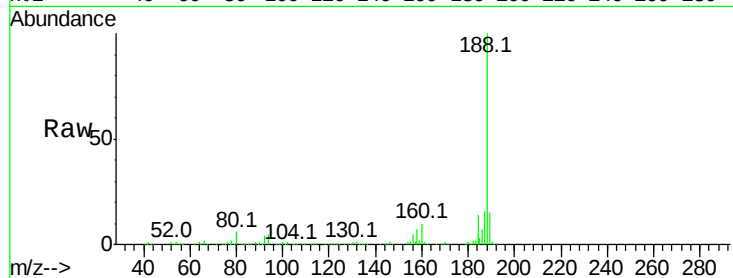




#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 18.17 min Scan# 2533  
Delta R.T. -0.04 min  
Lab File: BG031764.D  
Acq: 26 Dec 2017 16:37

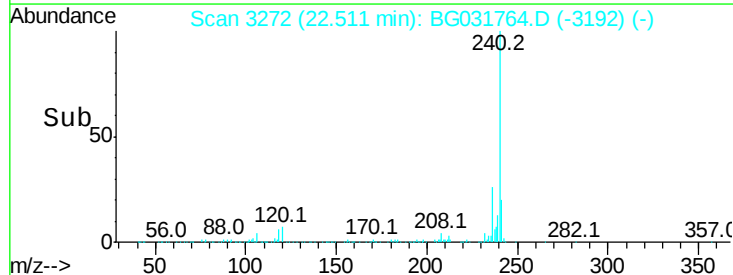
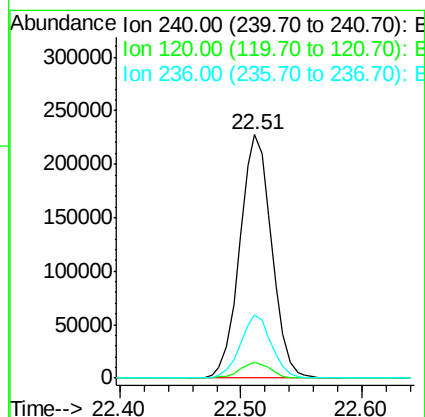
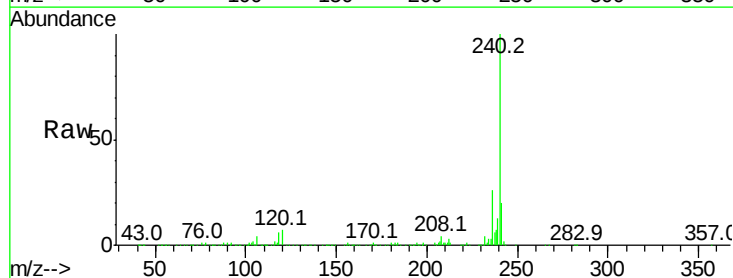
Instrument :  
BNA\_G  
ClientSampled :  
EP-27

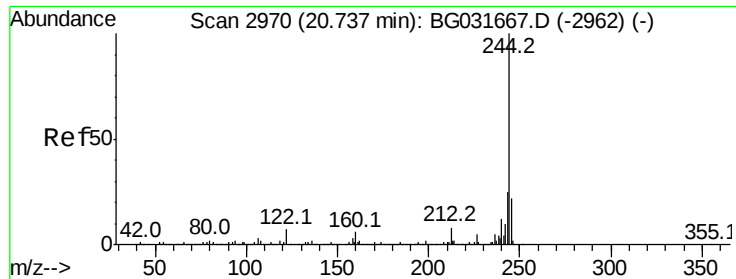
Tot Ion:188 Resp: 341913  
Ion Ratio Lower Upper  
188 100  
94 5.0 6.9 10.3#  
80 6.0 7.7 11.5#



#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 22.51 min Scan# 3272  
Delta R.T. -0.06 min  
Lab File: BG031764.D  
Acq: 26 Dec 2017 16:37

Tgt Ion:240 Resp: 417287  
Ion Ratio Lower Upper  
240 100  
120 6.5 6.8 10.2#  
236 25.7 20.9 31.3

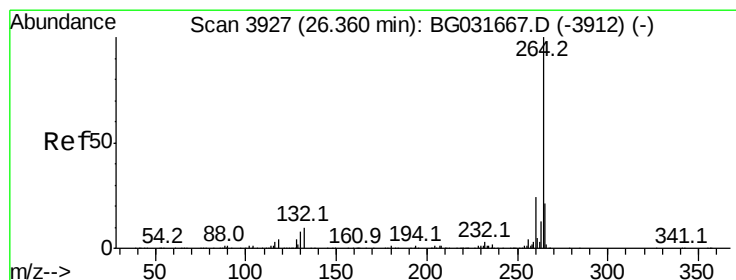
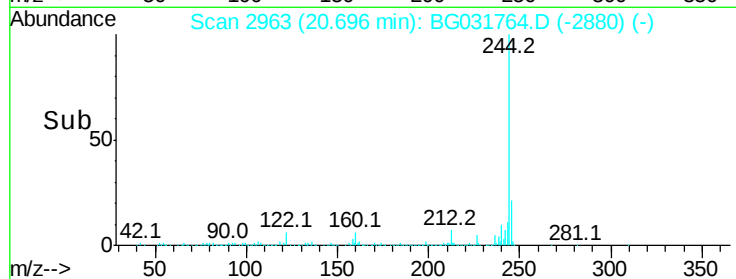
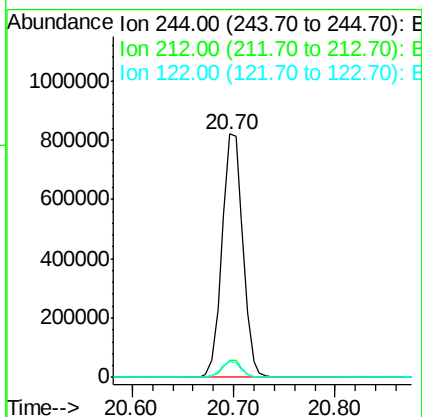
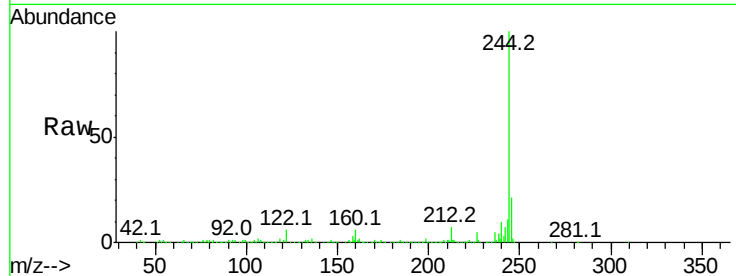




#78  
 Terphenyl-d14  
 Concen: 63.810 ng  
 RT: 20.70 min Scan# 2963  
 Delta R.T. -0.04 min  
 Lab File: BG031764.D  
 Acq: 26 Dec 2017 16:37

Instrument :  
 BNA\_G  
 ClientSampled :  
 EP-27

Tot Ion:244 Resp: 1165475  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.8 8.8  
 122 6.5 7.0 10.4#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 26.26 min Scan# 3910  
 Delta R.T. -0.10 min  
 Lab File: BG031764.D  
 Acq: 26 Dec 2017 16:37

Tgt Ion:264 Resp: 445642  
 Ion Ratio Lower Upper  
 264 100  
 260 23.4 17.4 26.0  
 265 21.7 17.7 26.5

