

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG012418\  
 Data File : BG032289.D  
 Acq On : 25 Jan 2018 9:32  
 Operator : SJ/JU  
 Sample : J1255-03  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OWS-3

Quant Time: Jan 25 10:09:41 2018  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG011218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 24 14:02:41 2018  
 Response via : Initial Calibration

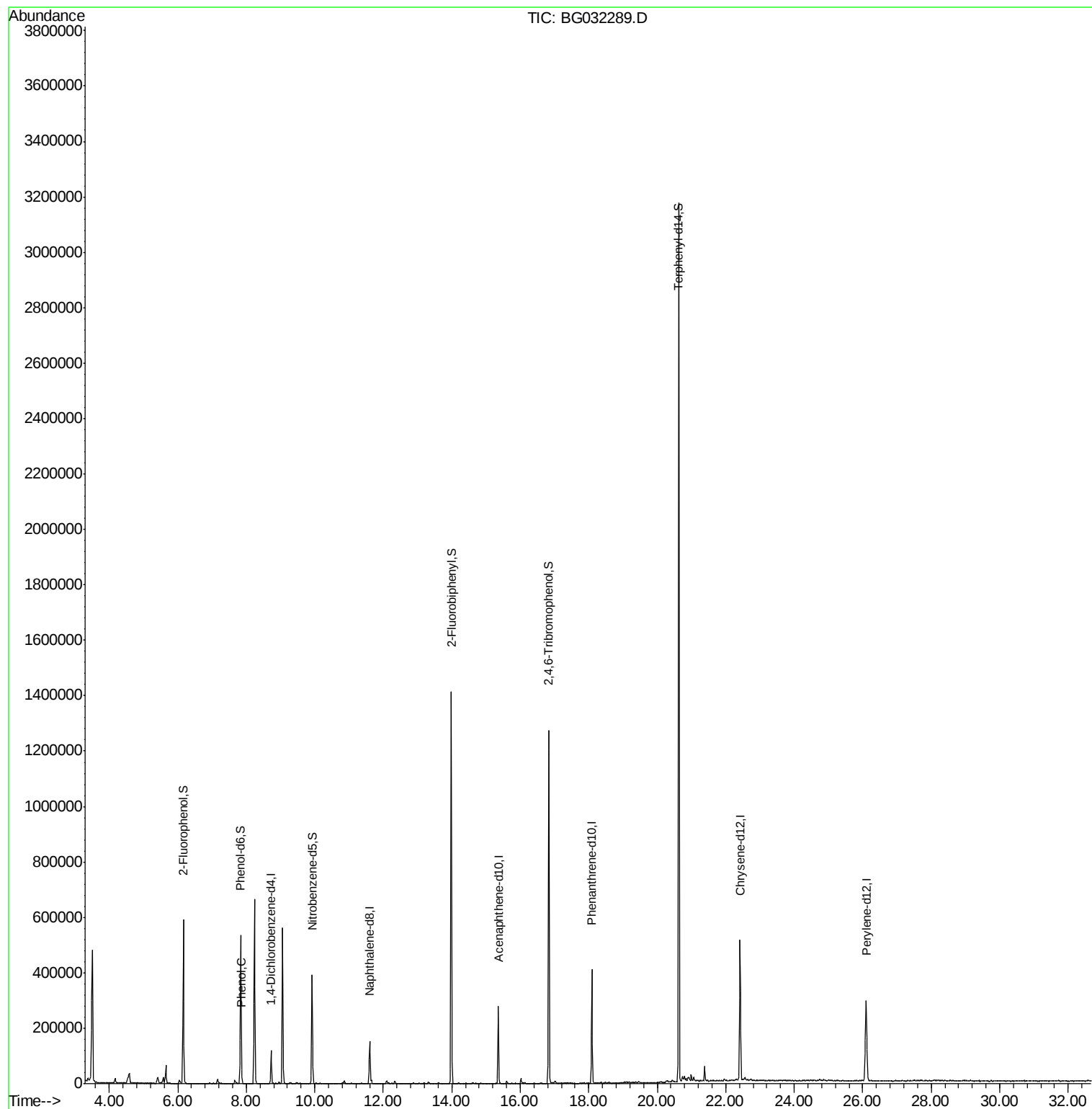
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)       |
|-----------------------------|-------|------|----------|--------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4   | 8.72  | 152  | 38728    | 20.00  | ng    | 0.00           |
| 21) Naphthalene-d8          | 11.61 | 136  | 147253   | 20.00  | ng    | 0.00           |
| 38) Acenaphthene-d10        | 15.36 | 164  | 104053   | 20.00  | ng    | 0.00           |
| 63) Phenanthrene-d10        | 18.09 | 188  | 287129   | 20.00  | ng    | 0.00           |
| 75) Chrysene-d12            | 22.42 | 240  | 371360   | 20.00  | ng    | 0.00           |
| 86) Perylene-d12            | 26.10 | 264  | 394426   | 20.00  | ng    | -0.01          |
| System Monitoring Compounds |       |      |          |        |       |                |
| 5) 2-Fluorophenol           | 6.16  | 112  | 284736   | 134.47 | ng    | 0.00           |
| 7) Phenol-d6                | 7.84  | 99   | 327918   | 122.96 | ng    | 0.00           |
| 23) Nitrobenzene-d5         | 9.92  | 82   | 242629   | 111.47 | ng    | 0.00           |
| 41) 2,4,6-Tribromophenol    | 16.84 | 330  | 292942   | 170.13 | ng    | 0.00           |
| 44) 2-Fluorobiphenyl        | 13.99 | 172  | 846924   | 100.92 | ng    | 0.00           |
| 78) Terphenyl-d14           | 20.63 | 244  | 1707422  | 101.52 | ng    | 0.00           |
| Target Compounds            |       |      |          |        |       |                |
| 10) Phenol                  | 7.86  | 94   | 5389     | 2.051  | ng    | Qvalue<br># 60 |

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

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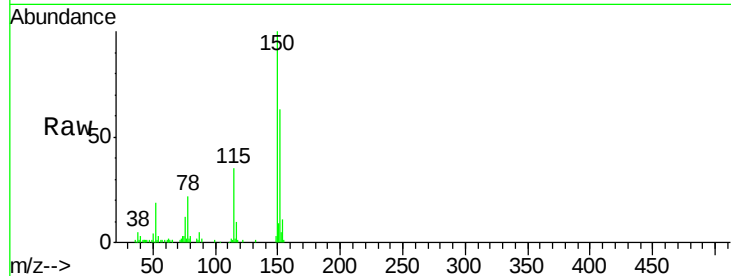


#1

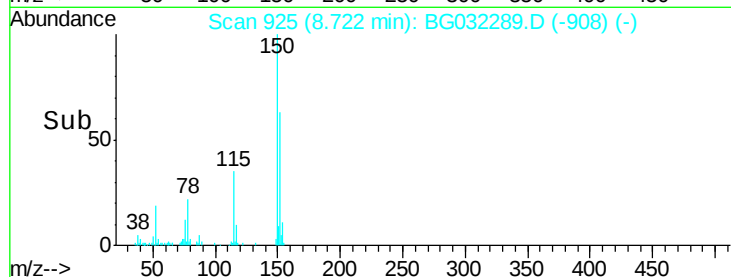
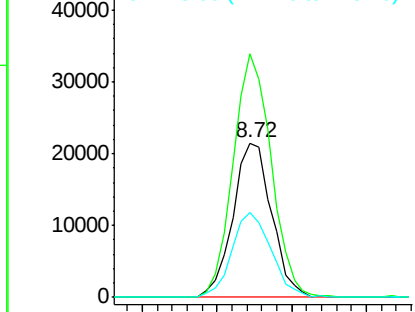
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.72 min Scan# 925  
Delta R.T. -0.00 min  
Lab File: BG032289.D  
Acq: 25 Jan 2018 9:32

Instrument :  
BNA\_G  
ClientSampleId :  
OWS-3

Tgt Ion:152 Resp: 38728  
Ion Ratio Lower Upper  
152 100  
150 157.6 126.6 189.8  
115 55.0 53.0 79.4



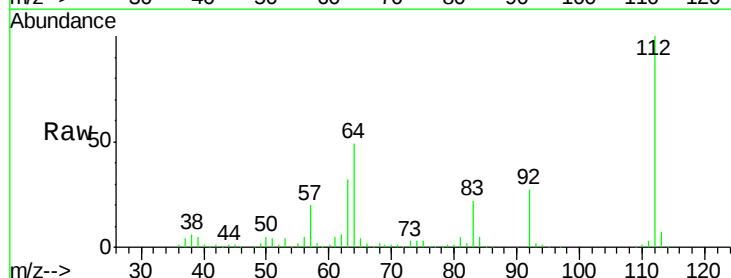
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



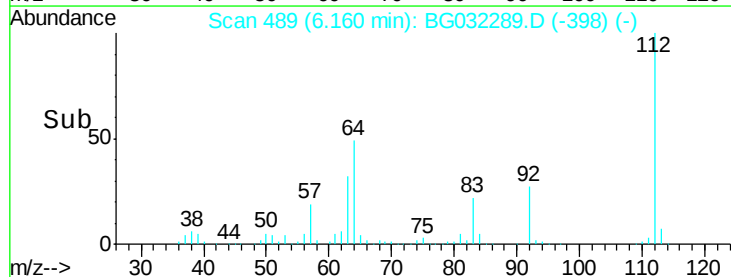
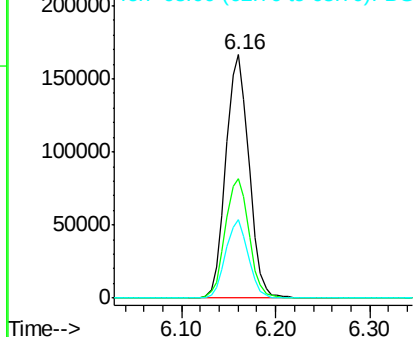
#5

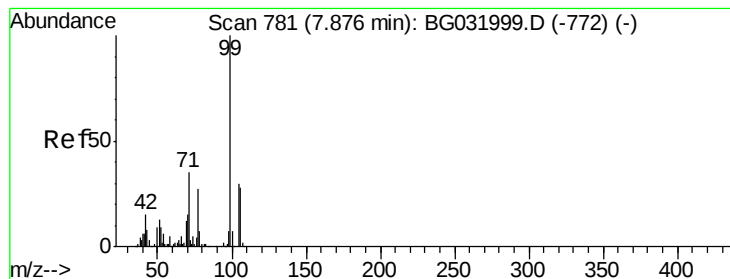
2-Fluorophenol  
Concen: 134.467 ng  
RT: 6.16 min Scan# 489  
Delta R.T. 0.00 min  
Lab File: BG032289.D  
Acq: 25 Jan 2018 9:32

Tgt Ion:112 Resp: 284736  
Ion Ratio Lower Upper  
112 100  
64 49.1 56.3 84.5#  
63 32.5 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: 122.959 ng

RT: 7.84 min Scan# 775

Delta R.T. 0.00 min

Lab File: BG032289.D

Acq: 25 Jan 2018 9:32

Instrument :

BNA\_G

ClientSampleId :

OWS-3

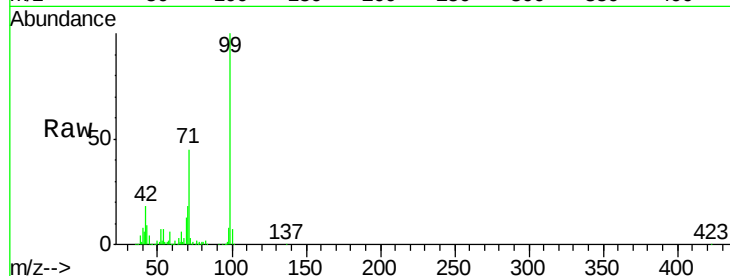
Tgt Ion: 99 Resp: 327918

Ion Ratio Lower Upper

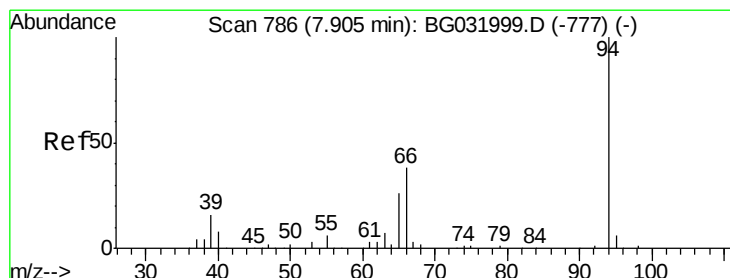
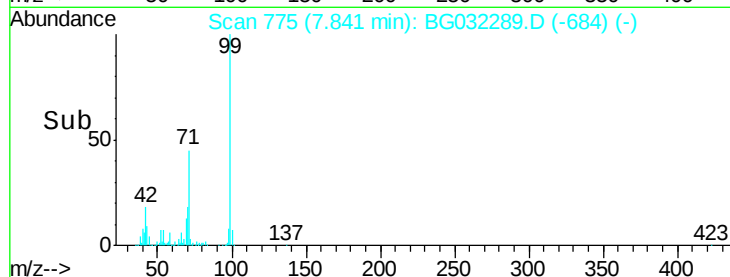
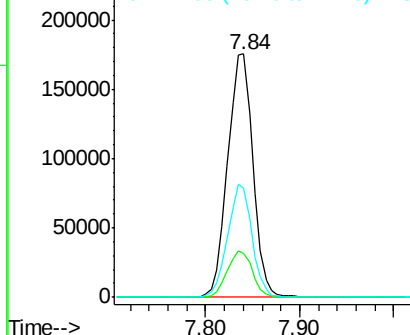
99 100

42 17.9 14.1 21.1

71 44.8 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: 2.051 ng

RT: 7.86 min Scan# 779

Delta R.T. -0.00 min

Lab File: BG032289.D

Acq: 25 Jan 2018 9:32

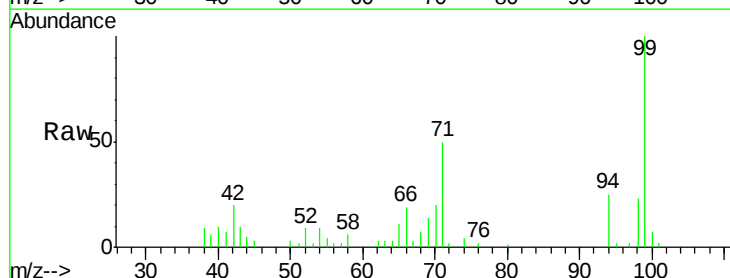
Tgt Ion: 94 Resp: 5389

Ion Ratio Lower Upper

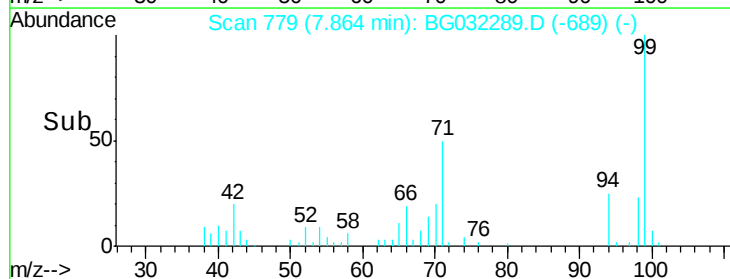
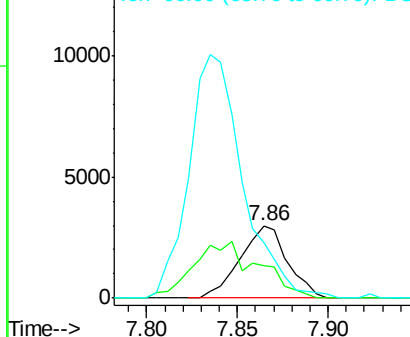
94 100

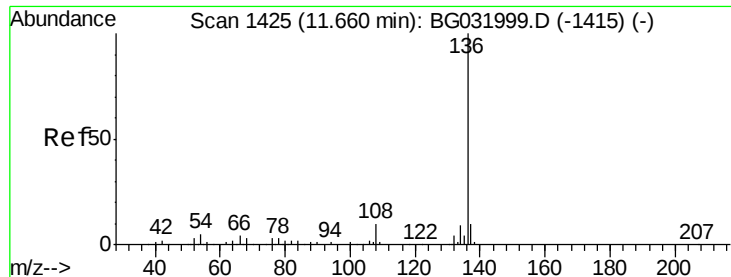
65 44.0 11.9 51.9

66 76.4 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

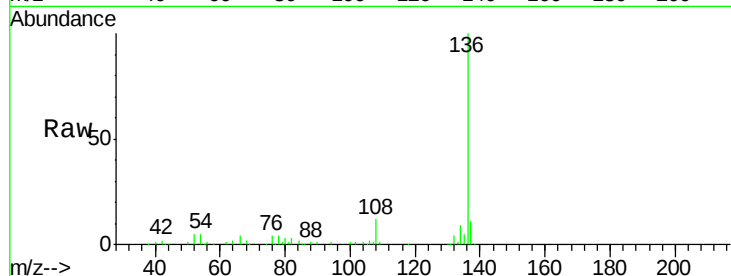




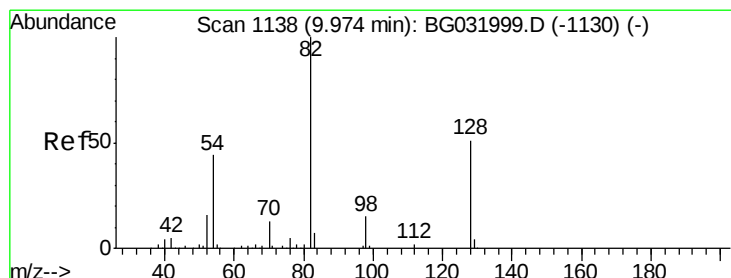
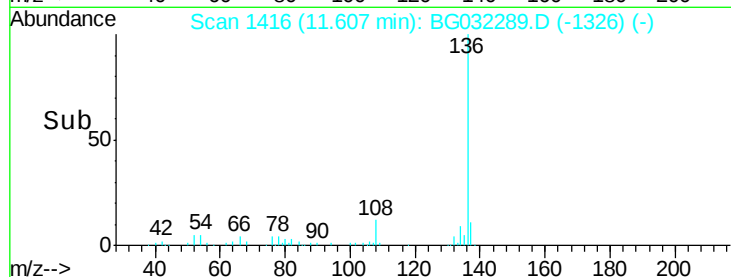
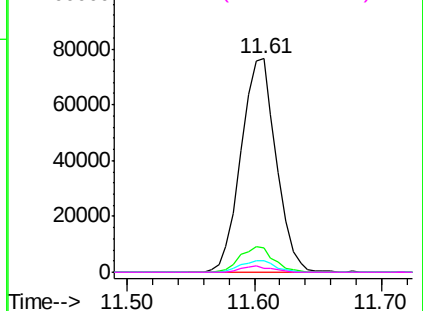
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.61 min Scan# 1416  
Delta R.T. -0.00 min  
Lab File: BG032289.D  
Acq: 25 Jan 2018 9:32

Instrument :  
BNA\_G  
ClientSampleId :  
OWS-3

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 147253 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.2  | 9.2   | 13.8   |
| 54       | 5.2   | 10.3  | 15.5#  |
| 68       | 2.1   | 4.5   | 6.7#   |

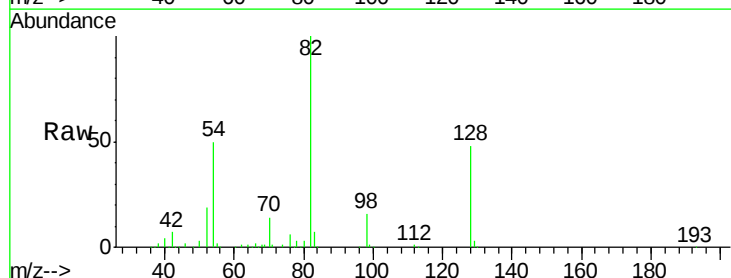


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

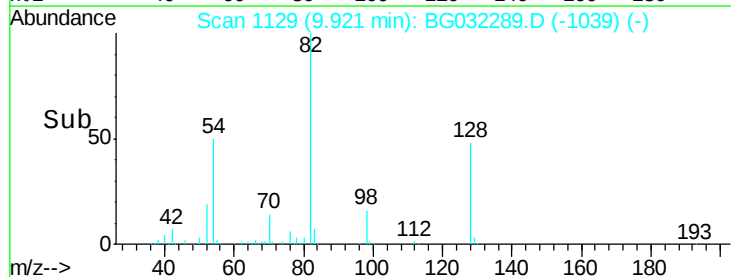
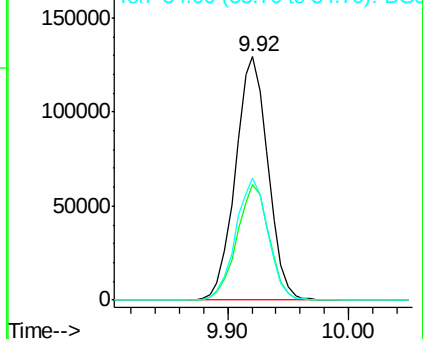


#23  
Nitrobenzene-d5  
Concen: 111.474 ng  
RT: 9.92 min Scan# 1129  
Delta R.T. -0.00 min  
Lab File: BG032289.D  
Acq: 25 Jan 2018 9:32

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 242629 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 47.5  | 29.7  | 44.5#  |
| 54       | 50.2  | 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: 15.36 min Scan# 2054

Delta R.T. -0.01 min

Lab File: BG032289.D

Acq: 25 Jan 2018 9:32

Instrument :

BNA\_G

ClientSampleId :

OWS-3

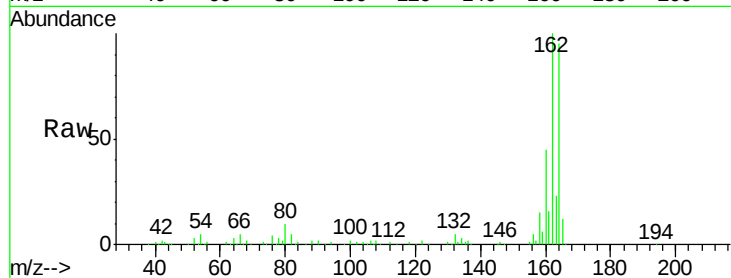
Tgt Ion:164 Resp: 104053

Ion Ratio Lower Upper

164 100

162 105.5 78.8 118.2

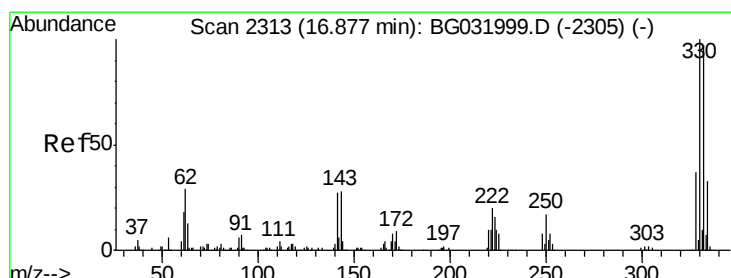
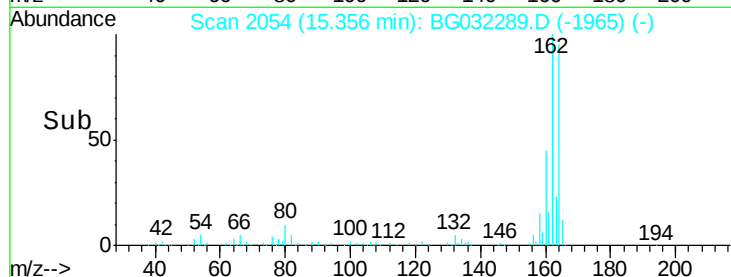
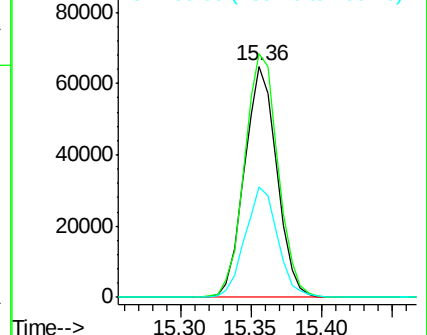
160 47.8 35.4 53.0



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: 170.134 ng

RT: 16.84 min Scan# 2306

Delta R.T. -0.00 min

Lab File: BG032289.D

Acq: 25 Jan 2018 9:32

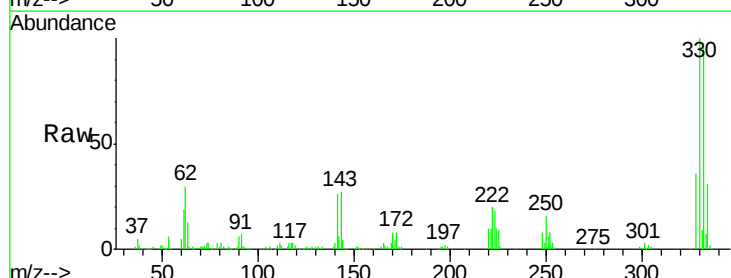
Tgt Ion:330 Resp: 292942

Ion Ratio Lower Upper

330 100

332 94.6 77.0 115.6

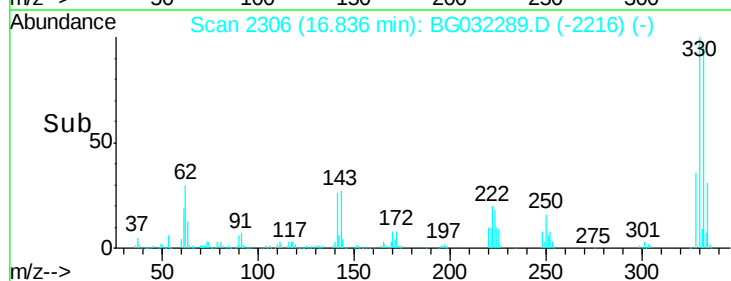
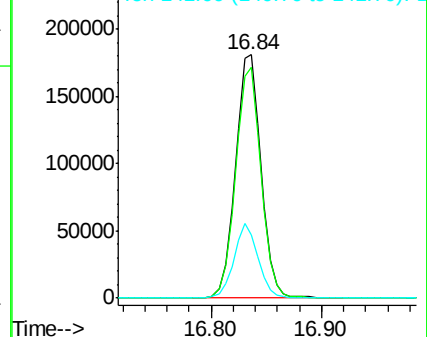
141 28.9 25.2 37.8



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

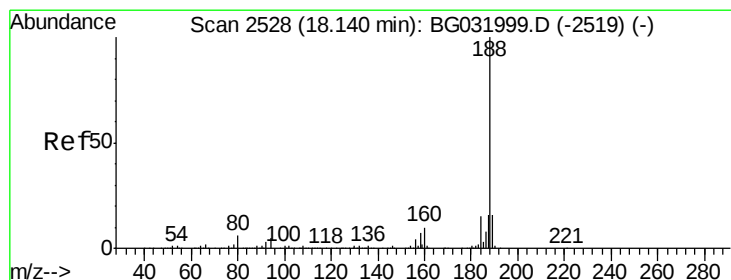
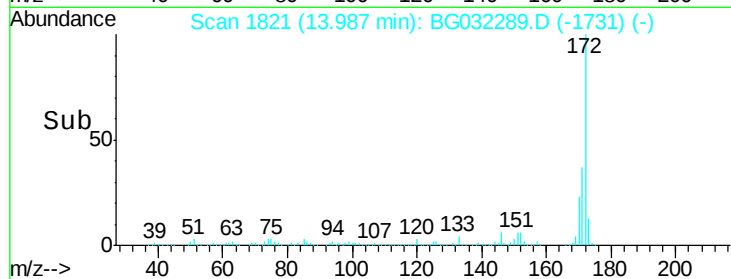
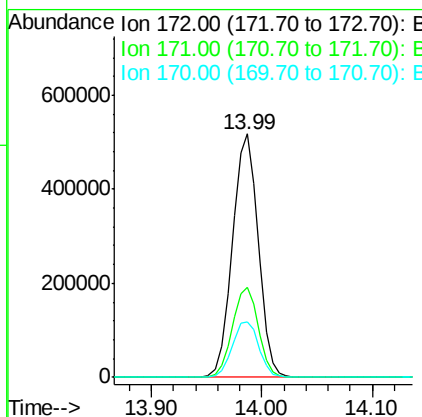
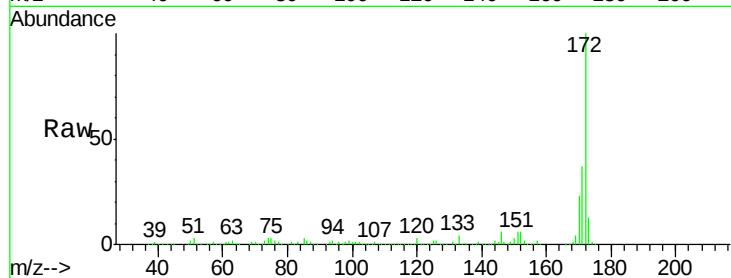




#44  
 2-Fluorobiphenyl  
 Concen: 100.924 ng  
 RT: 13.99 min Scan# 1821  
 Delta R.T. -0.00 min  
 Lab File: BG032289.D  
 Acq: 25 Jan 2018 9:32

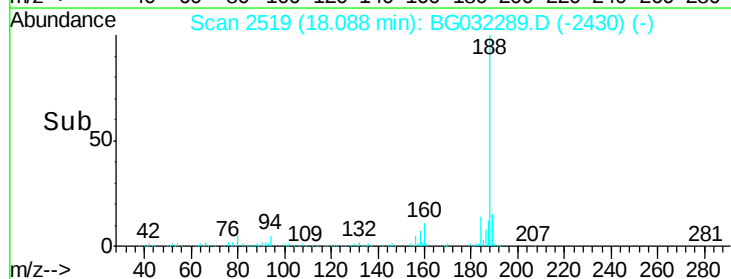
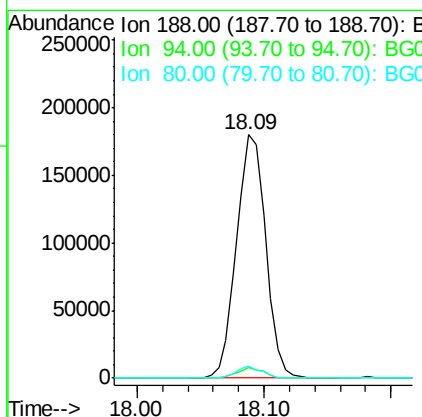
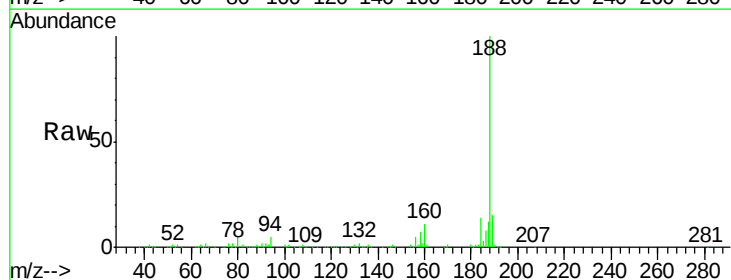
Instrument :  
 BNA\_G  
 ClientSampleId :  
 OWS-3

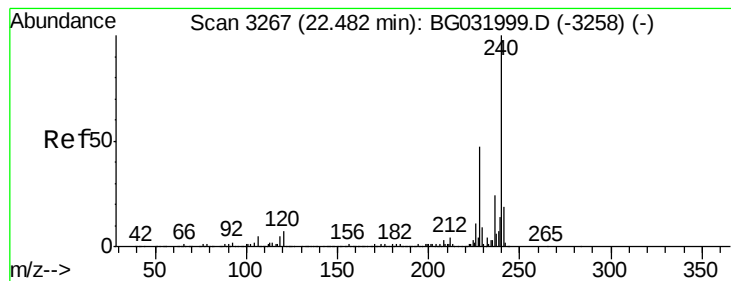
Tgt Ion:172 Resp: 846924  
 Ion Ratio Lower Upper  
 172 100  
 171 37.2 30.0 45.0  
 170 23.0 19.5 29.3



#63  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 18.09 min Scan# 2519  
 Delta R.T. -0.01 min  
 Lab File: BG032289.D  
 Acq: 25 Jan 2018 9:32

Tgt Ion:188 Resp: 287129  
 Ion Ratio Lower Upper  
 188 100  
 94 4.5 6.9 10.3#  
 80 4.6 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.42 min Scan# 3256

Delta R.T. -0.01 min

Lab File: BG032289.D

Acq: 25 Jan 2018 9:32

Instrument :

BNA\_G

ClientSampled :

OWS-3

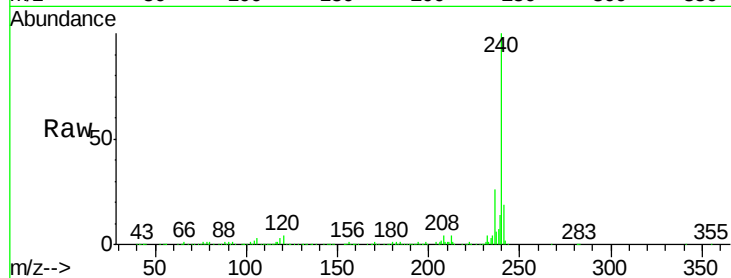
Tgt Ion:240 Resp: 371360

Ion Ratio Lower Upper

240 100

120 4.5 6.8 10.2#

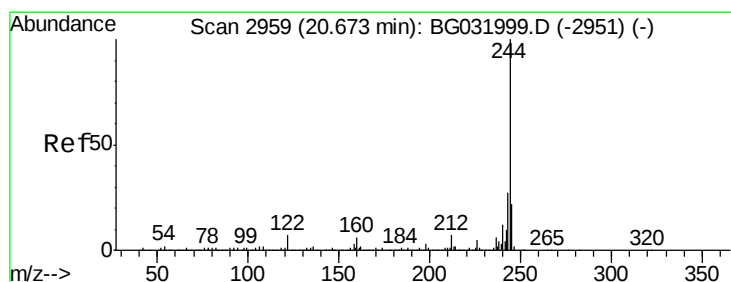
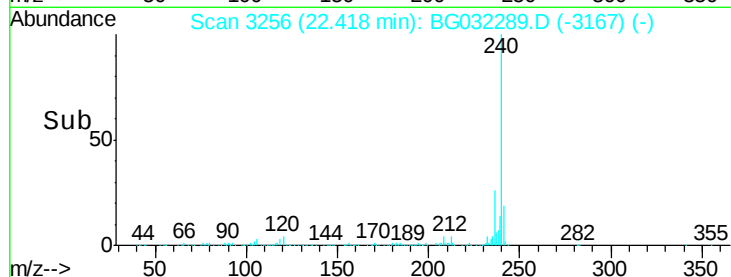
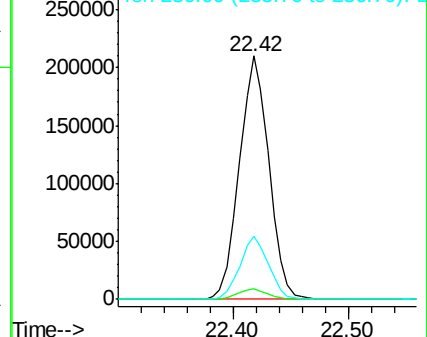
236 25.7 20.9 31.3



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: 101.520 ng

RT: 20.63 min Scan# 2951

Delta R.T. -0.01 min

Lab File: BG032289.D

Acq: 25 Jan 2018 9:32

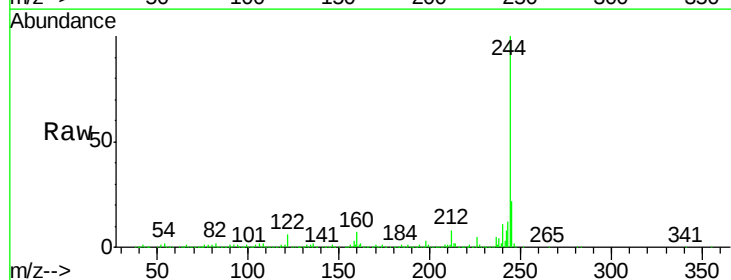
Tgt Ion:244 Resp: 1707422

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

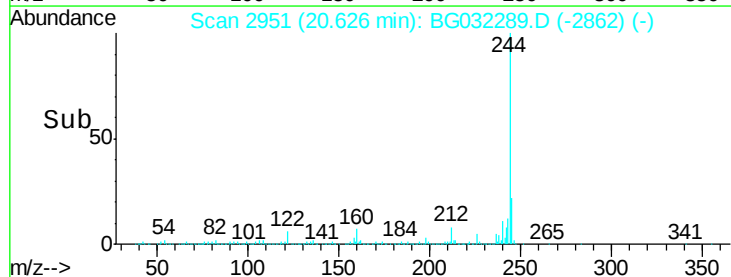
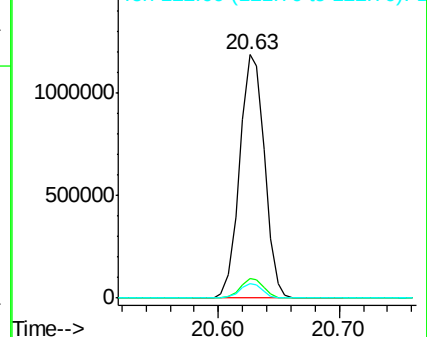
122 5.8 7.0 10.4#

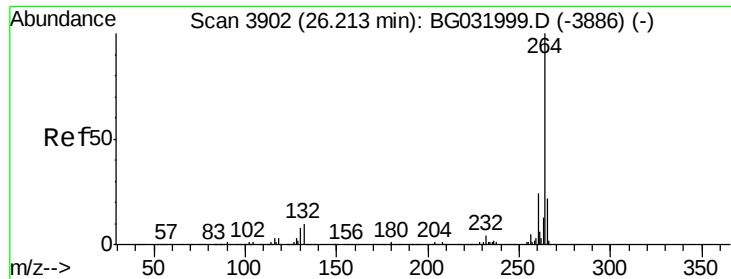


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.10 min Scan# 3882  
Delta R.T. -0.01 min  
Lab File: BG032289.D  
Acq: 25 Jan 2018 9:32

Instrument :  
BNA\_G  
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Tgt Ion: 264 Resp: 394426  
Ion Ratio Lower Upper  
264 100  
260 24.3 17.4 26.0  
265 21.2 17.7 26.5

