

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102017\  
 Data File : BG029378.D  
 Acq On : 20 Oct 2017 18:46  
 Operator : SJ/JU  
 Sample : I5981-06  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 NB-01-101817-B

Quant Time: Oct 21 22:32:15 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 16 17:32:15 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.17  | 152  | 56523    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.98 | 136  | 241741   | 20.00  | ng    | -0.01    |
| 38) Acenaphthene-d10        | 14.78 | 164  | 158789   | 20.00  | ng    | -0.01    |
| 63) Phenanthrene-d10        | 17.52 | 188  | 447877   | 20.00  | ng    | -0.01    |
| 75) Chrysene-d12            | 21.79 | 240  | 512896   | 20.00  | ng    | -0.01    |
| 86) Perylene-d12            | 25.09 | 264  | 525247   | 20.00  | ng    | -0.02    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.72  | 112  | 455707   | 134.69 | ng    | 0.00     |
| 7) Phenol-d6                | 7.32  | 99   | 525633   | 110.68 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.33  | 82   | 385984   | 101.46 | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 16.26 | 330  | 380985   | 185.83 | ng    | -0.01    |
| 44) 2-Fluorobiphenyl        | 13.41 | 172  | 1033542  | 95.46  | ng    | 0.00     |
| 78) Terphenyl-d14           | 20.11 | 244  | 2019696  | 89.58  | ng    | -0.01    |

Target Compounds Qvalue

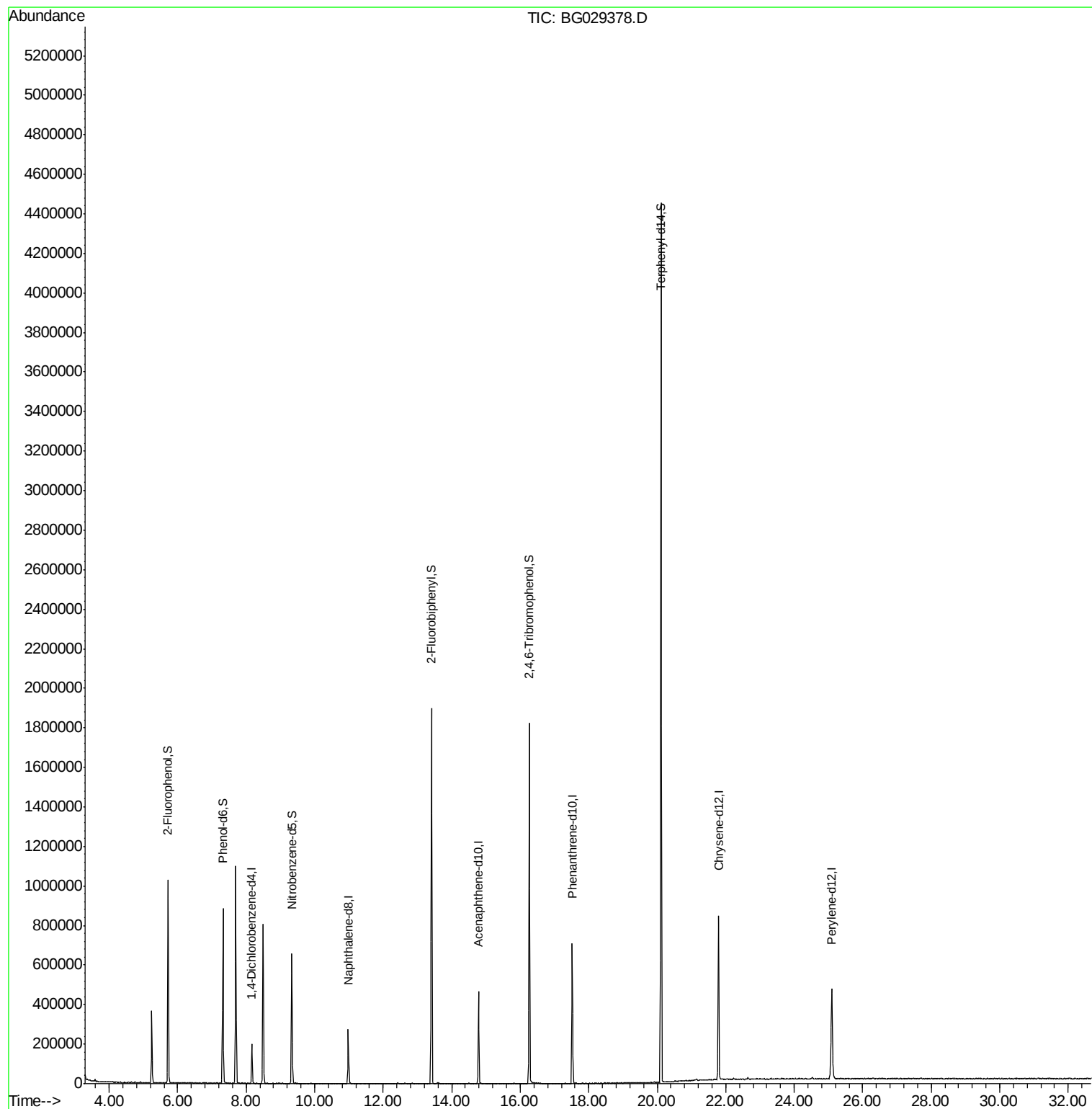
-----

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

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102017\  
Data File : BG029378.D  
Acq On : 20 Oct 2017 18:46  
Operator : SJ/JU  
Sample : I5981-06  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
NB-01-101817-B

Quant Time: Oct 21 22:32:15 2017  
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 16 17:32:15 2017  
Response via : Initial Calibration



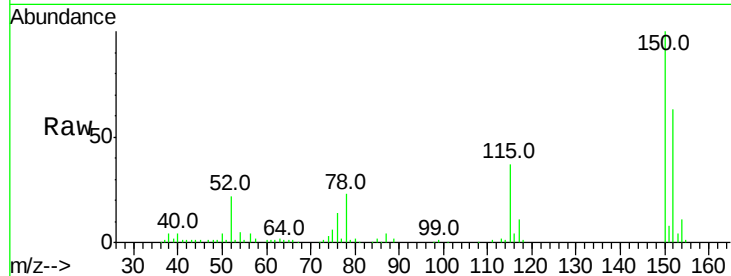


#1

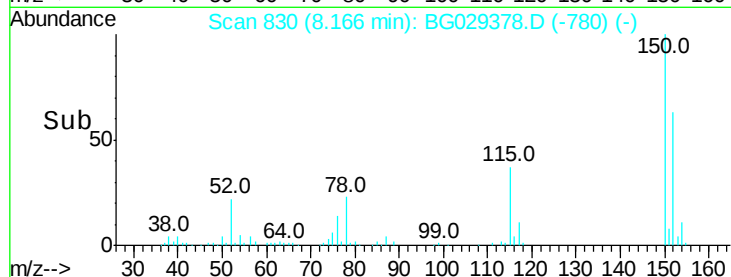
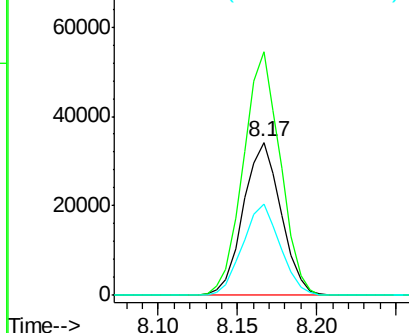
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.17 min Scan# 830  
Delta R.T. -0.00 min  
Lab File: BG029378.D  
Acq: 20 Oct 2017 18:46

Instrument :  
BNA\_G  
ClientSampleId :  
NB-01-101817-B

Tot Ion:152 Resp: 56523  
Ion Ratio Lower Upper  
152 100  
150 158.9 126.6 189.8  
115 59.3 53.0 79.4



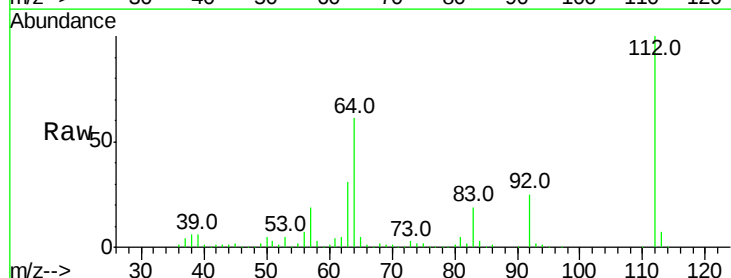
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



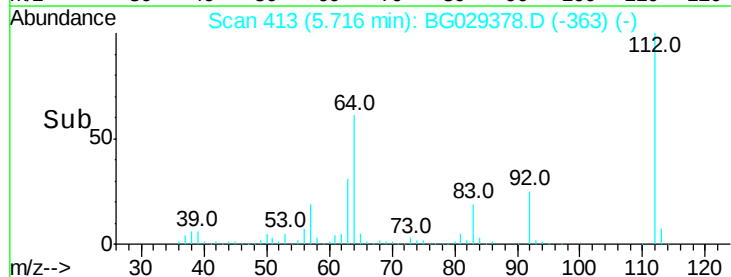
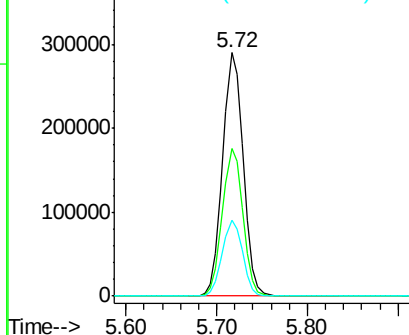
#5

2-Fluorophenol  
Concen: 134.685 ng  
RT: 5.72 min Scan# 413  
Delta R.T. -0.00 min  
Lab File: BG029378.D  
Acq: 20 Oct 2017 18:46

Tgt Ion:112 Resp: 455707  
Ion Ratio Lower Upper  
112 100  
64 60.8 56.3 84.5  
63 31.1 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: 110.677 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG029378.D

Acq: 20 Oct 2017 18:46

Instrument :

BNA\_G

ClientSampleId :

NB-01-101817-B

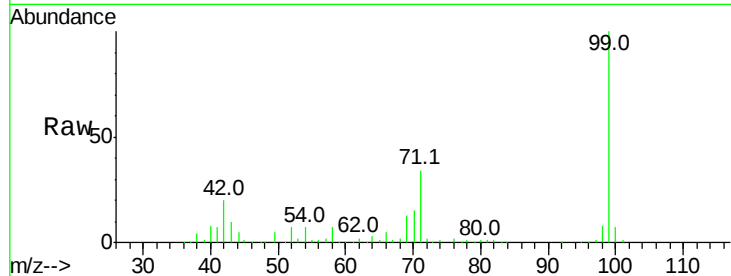
Tot Ion: 99 Resp: 525633

Ion Ratio Lower Upper

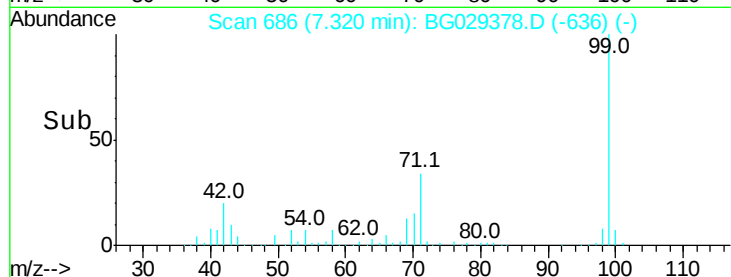
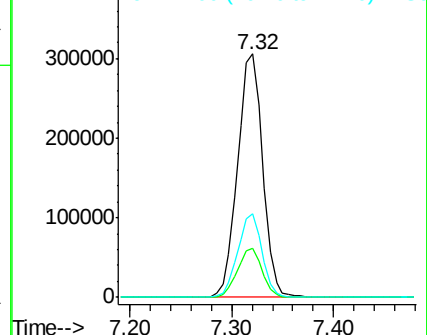
99 100

42 20.2 14.1 21.1

71 34.4 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.98 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BG029378.D

Acq: 20 Oct 2017 18:46

Tgt Ion: 136 Resp: 241741

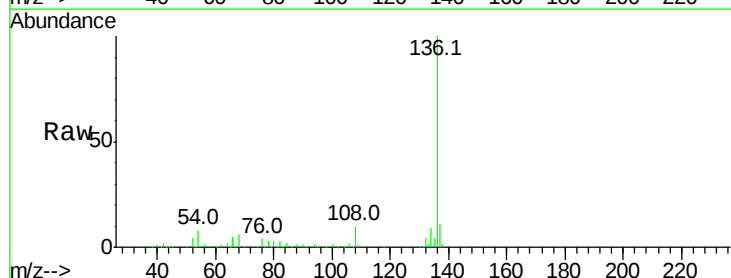
Ion Ratio Lower Upper

136 100

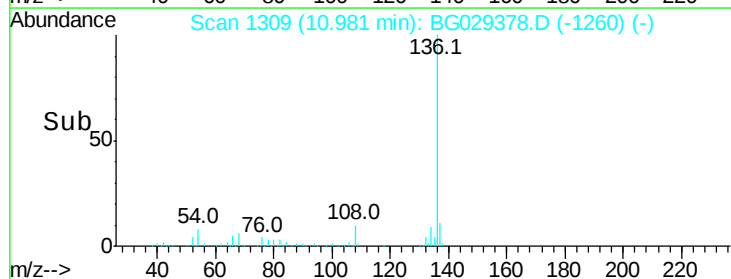
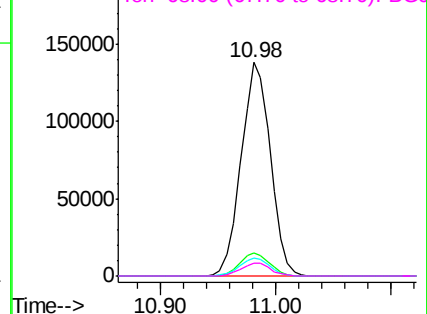
137 10.9 9.2 13.8

54 8.4 10.3 15.5#

68 6.1 4.5 6.7



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

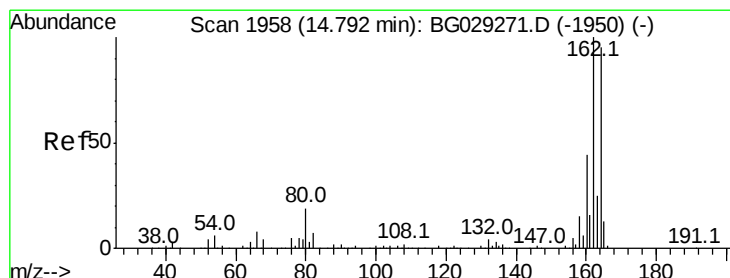
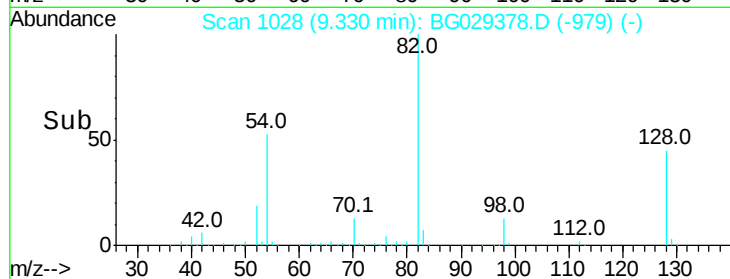
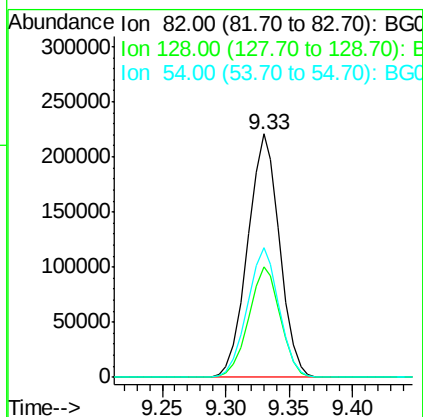
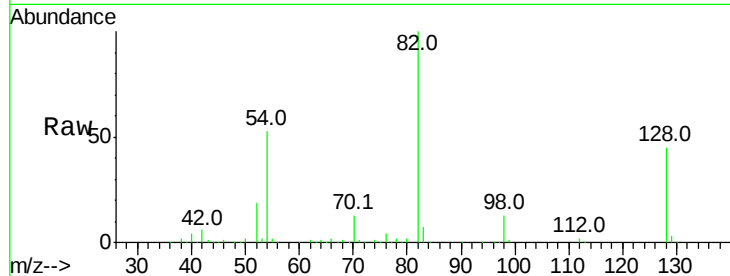




#23  
Nitrobenzene-d5  
Concen: 101.465 ng  
RT: 9.33 min Scan# 1028  
Delta R.T. -0.01 min  
Lab File: BG029378.D  
Acq: 20 Oct 2017 18:46

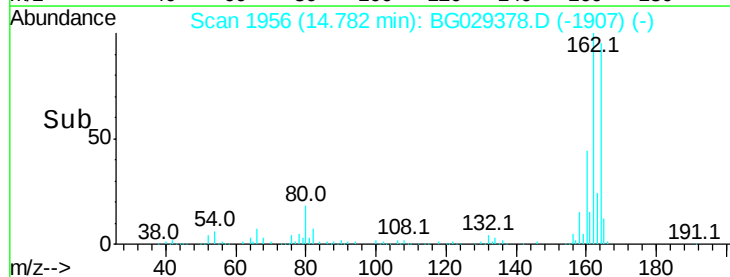
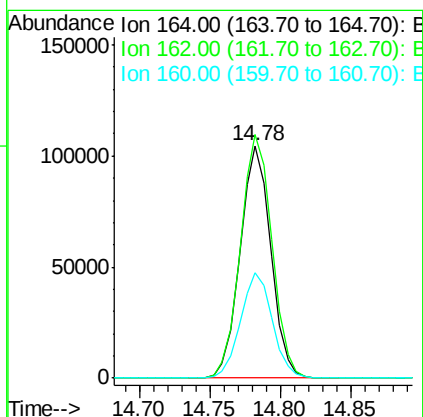
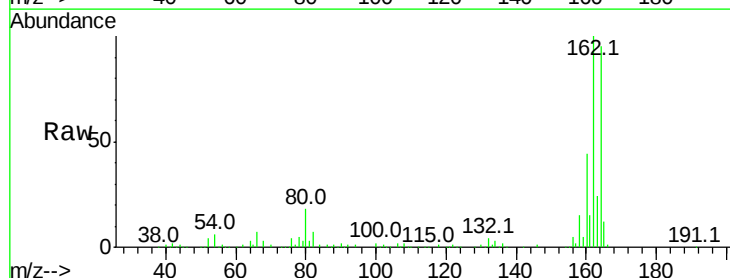
Instrument :  
BNA\_G  
ClientSampleId :  
NB-01-101817-B

Tot Ion: 82 Resp: 385984  
Ion Ratio Lower Upper  
82 100  
128 45.3 29.7 44.5#  
54 53.5 43.1 64.7



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.78 min Scan# 1956  
Delta R.T. -0.01 min  
Lab File: BG029378.D  
Acq: 20 Oct 2017 18:46

Tgt Ion: 164 Resp: 158789  
Ion Ratio Lower Upper  
164 100  
162 104.8 78.8 118.2  
160 45.6 35.4 53.0

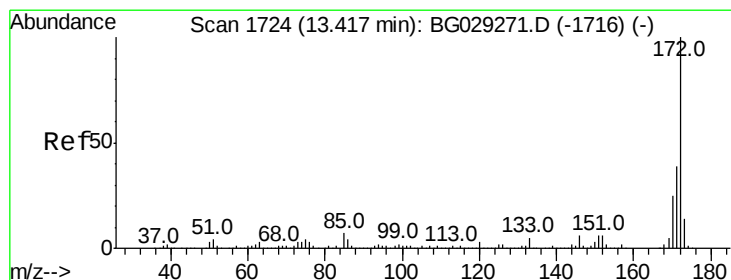
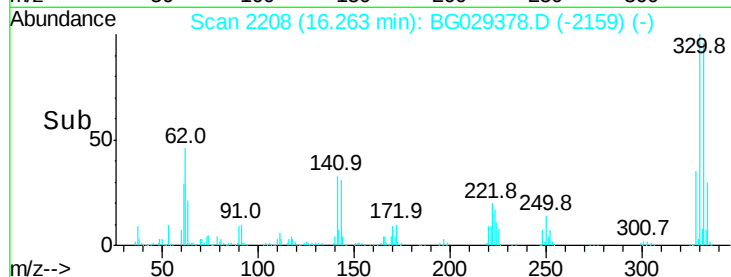
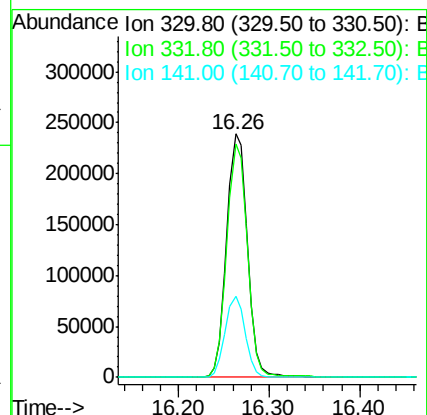
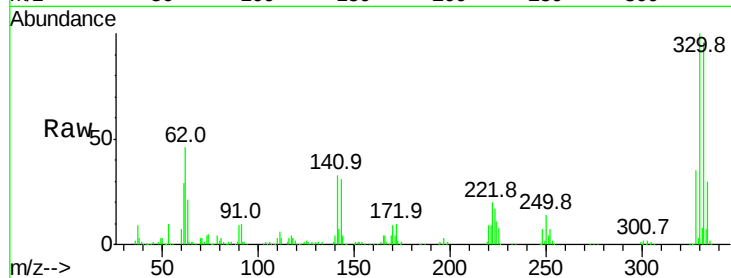




#41  
 2,4,6-Tribromophenol  
 Concen: 185.835 ng  
 RT: 16.26 min Scan# 2208  
 Delta R.T. -0.01 min  
 Lab File: BG029378.D  
 Acq: 20 Oct 2017 18:46

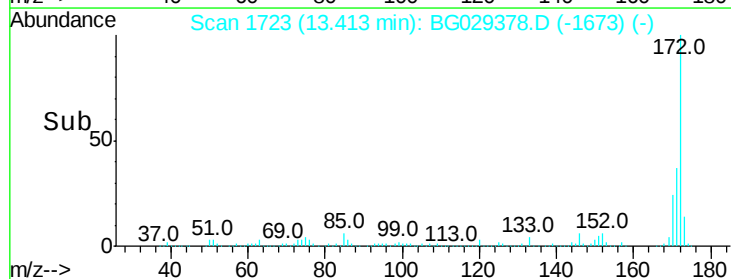
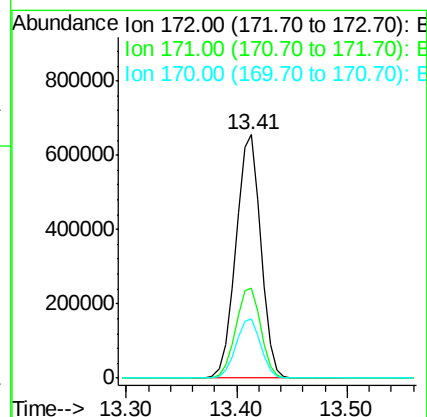
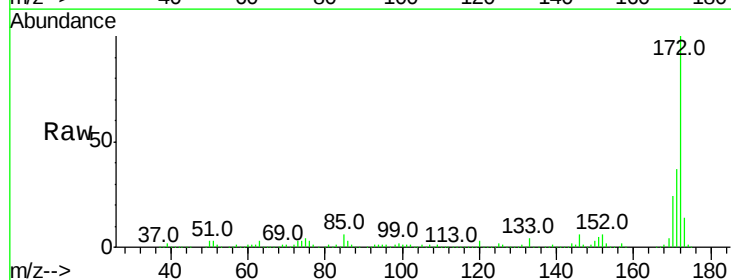
Instrument :  
 BNA\_G  
 ClientSampleId :  
 NB-01-101817-B

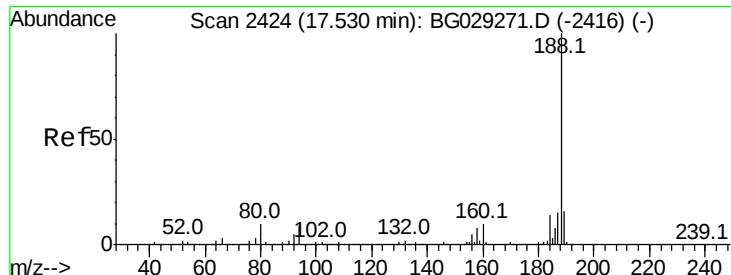
Tot Ion:330 Resp: 380985  
 Ion Ratio Lower Upper  
 330 100  
 332 95.3 77.0 115.6  
 141 32.0 25.2 37.8



#44  
 2-Fluorobiphenyl  
 Concen: 95.463 ng  
 RT: 13.41 min Scan# 1723  
 Delta R.T. -0.00 min  
 Lab File: BG029378.D  
 Acq: 20 Oct 2017 18:46

Tgt Ion:172 Resp: 1033542  
 Ion Ratio Lower Upper  
 172 100  
 171 37.1 30.0 45.0  
 170 24.2 19.5 29.3

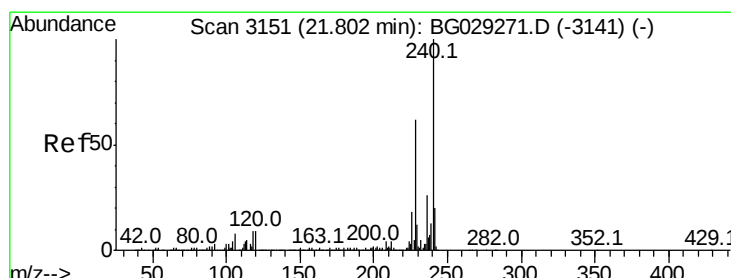
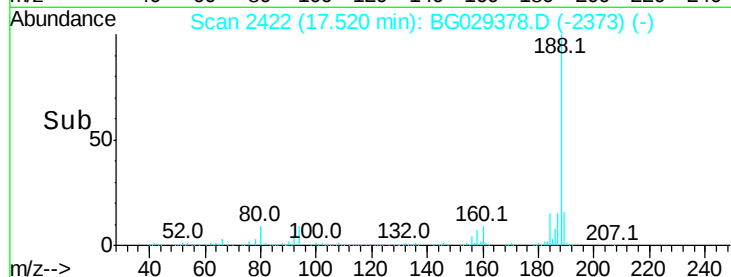
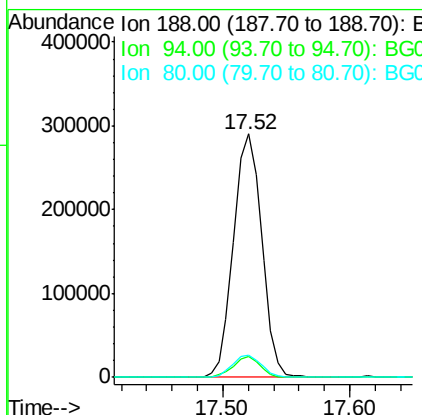
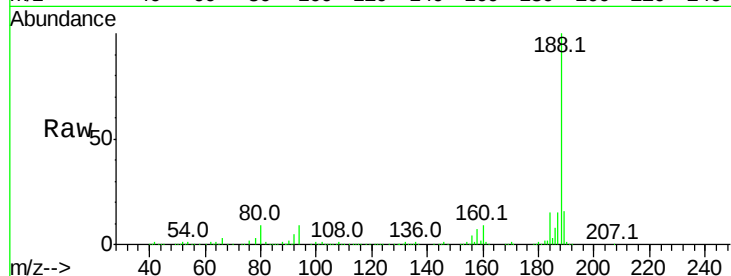




#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.52 min Scan# 2422  
Delta R.T. -0.01 min  
Lab File: BG029378.D  
Acq: 20 Oct 2017 18:46

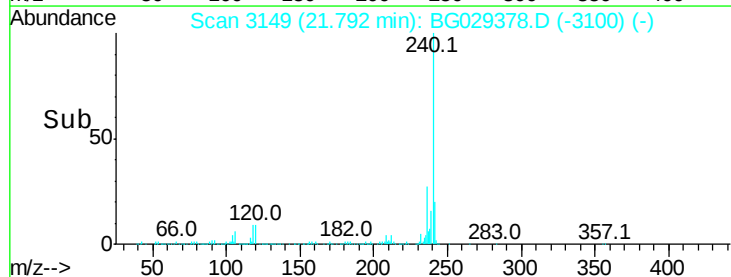
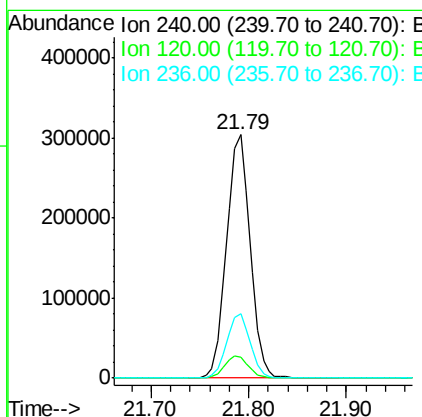
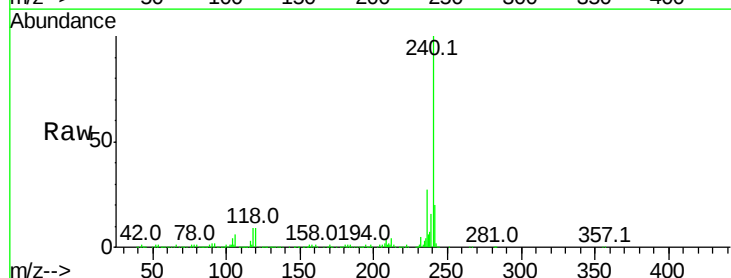
Instrument :  
BNA\_G  
ClientSampleId :  
NB-01-101817-B

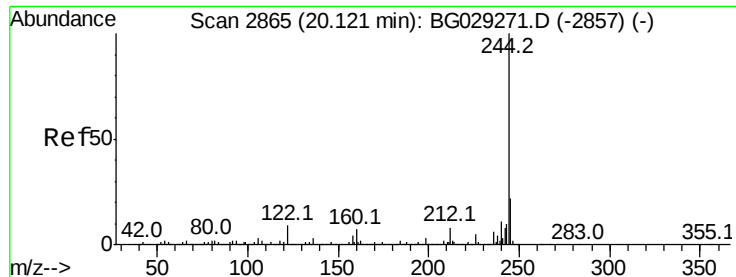
Tot Ion:188 Resp: 447877  
Ion Ratio Lower Upper  
188 100  
94 8.6 6.9 10.3  
80 8.9 7.7 11.5



#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.79 min Scan# 3149  
Delta R.T. -0.01 min  
Lab File: BG029378.D  
Acq: 20 Oct 2017 18:46

Tgt Ion:240 Resp: 512896  
Ion Ratio Lower Upper  
240 100  
120 8.8 6.8 10.2  
236 26.7 20.9 31.3





#78

Terphenyl-d14

Concen: 89.583 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG029378.D

Acq: 20 Oct 2017 18:46

Instrument :

BNA\_G

ClientSampleId :

NB-01-101817-B

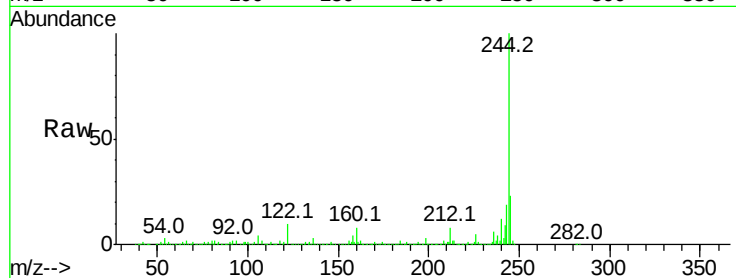
Tot Ion:244 Resp: 2019696

Ion Ratio Lower Upper

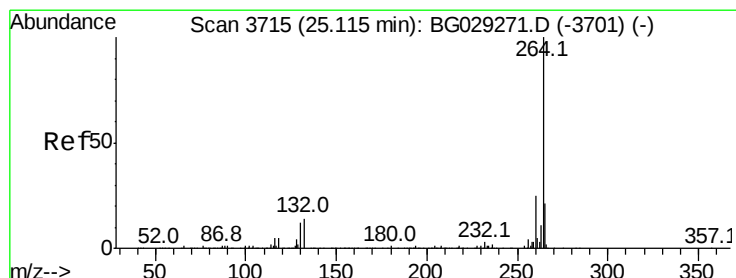
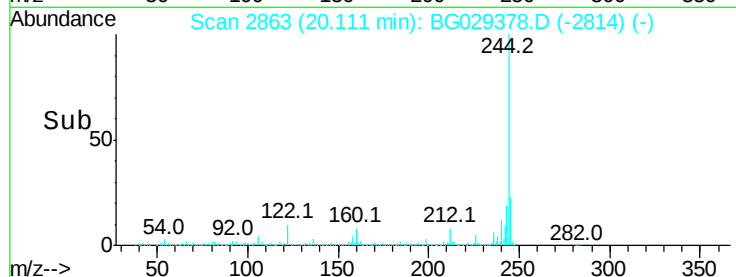
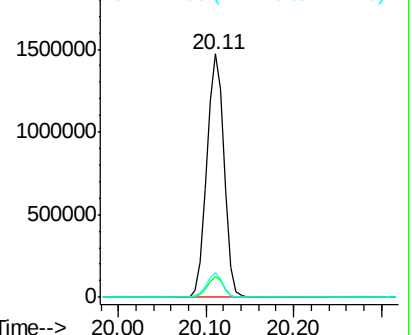
244 100

212 8.5 5.8 8.8

122 10.0 7.0 10.4



Abundance Ion 244.00 (243.70 to 244.70): E  
2000000  
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: 25.09 min Scan# 3711

Delta R.T. -0.02 min

Lab File: BG029378.D

Acq: 20 Oct 2017 18:46

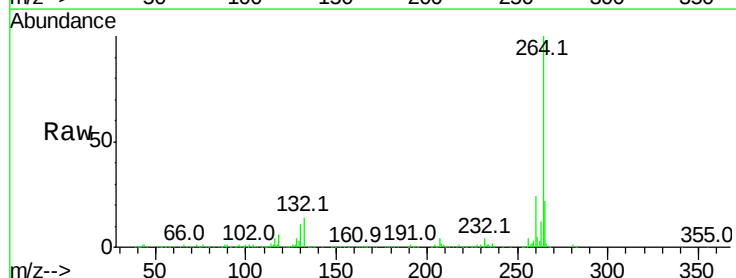
Tgt Ion:264 Resp: 525247

Ion Ratio Lower Upper

264 100

260 24.2 17.4 26.0

265 22.1 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E  
200000  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E

