

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120417\  
 Data File : BG031360.D  
 Acq On : 4 Dec 2017 23:38  
 Operator : SJ/JU  
 Sample : I6690-01  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BAYWAY-PHASE-3

Quant Time: Dec 05 04:20:21 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 10 15:38:25 2017  
 Response via : Initial Calibration

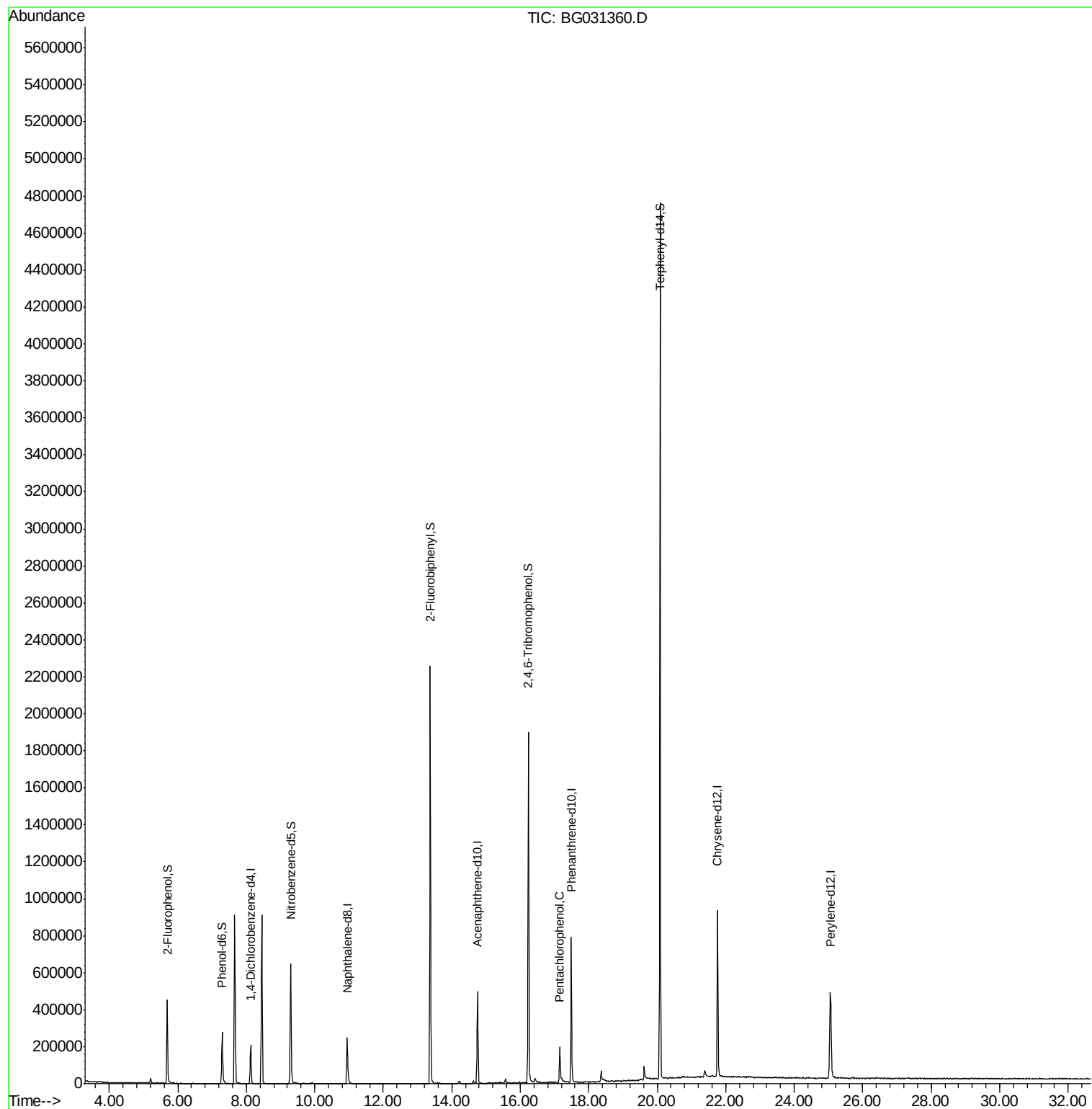
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|--------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 8.13  | 152  | 64437    | 20.00  | ng    | -0.02        |
| 21) Naphthalene-d8          | 10.94 | 136  | 281843   | 20.00  | ng    | -0.02        |
| 38) Acenaphthene-d10        | 14.75 | 164  | 195720   | 20.00  | ng    | -0.02        |
| 63) Phenanthrene-d10        | 17.49 | 188  | 531825   | 20.00  | ng    | -0.02        |
| 75) Chrysene-d12            | 21.76 | 240  | 588248   | 20.00  | ng    | -0.02        |
| 86) Perylene-d12            | 25.05 | 264  | 577210   | 20.00  | ng    | -0.04        |
| System Monitoring Compounds |       |      |          |        |       |              |
| 5) 2-Fluorophenol           | 5.69  | 112  | 250237   | 66.59  | ng    | -0.02        |
| 7) Phenol-d6                | 7.29  | 99   | 199235   | 39.35  | ng    | -0.01        |
| 23) Nitrobenzene-d5         | 9.30  | 82   | 443324   | 93.21  | ng    | -0.02        |
| 41) 2,4,6-Tribromophenol    | 16.24 | 330  | 395489   | 124.91 | ng    | -0.02        |
| 44) 2-Fluorobiphenyl        | 13.37 | 172  | 1338844  | 98.29  | ng    | -0.03        |
| 78) Terphenyl-d14           | 20.08 | 244  | 2363350  | 88.71  | ng    | -0.02        |
| Target Compounds            |       |      |          |        |       |              |
| 69) Pentachlorophenol       | 17.15 | 266  | 53103    | 13.42  | ng    | Qvalue<br>94 |

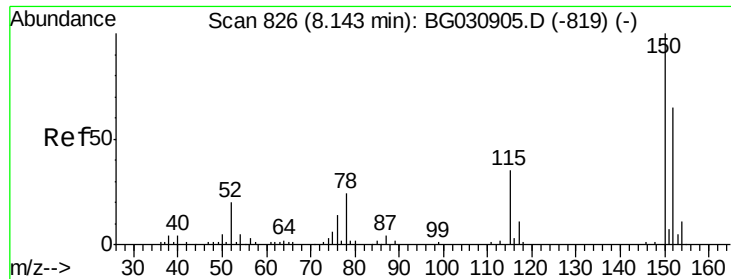
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 10 15:38:25 2017  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.13 min Scan# 824

Delta R.T. -0.02 min

Lab File: BG031360.D

Acq: 4 Dec 2017 23:38

Instrument :

BNA\_G

ClientSampleId :

BAYWAY-PHASE-3

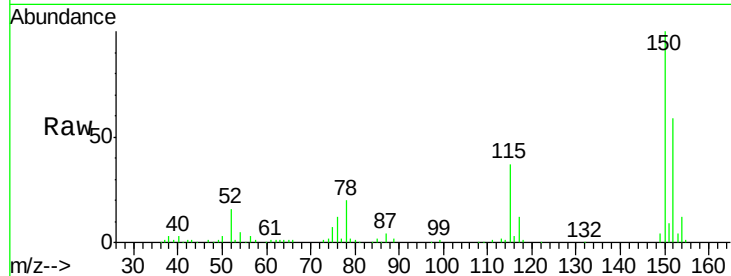
Tot Ion:152 Resp: 64437

Ion Ratio Lower Upper

152 100

150 168.8 126.6 189.8

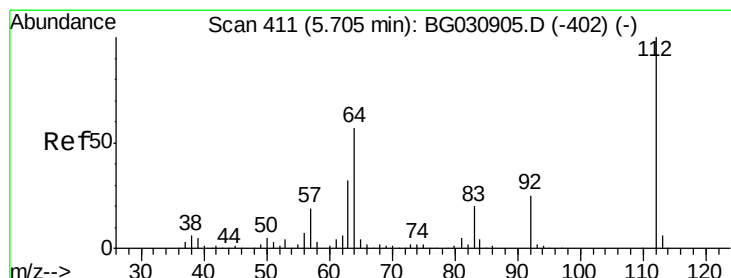
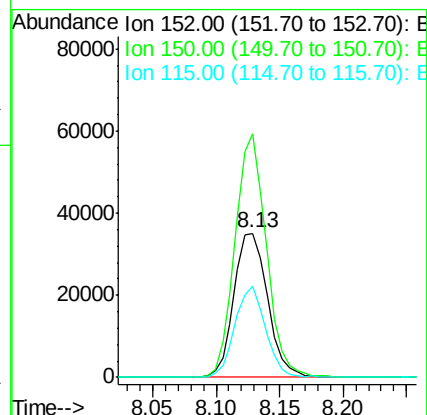
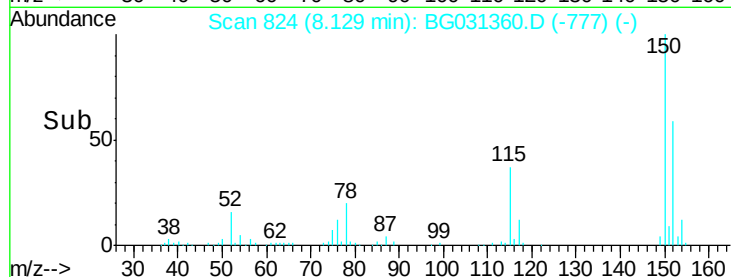
115 63.0 53.0 79.4



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: 66.59 ng

RT: 5.69 min Scan# 409

Delta R.T. -0.02 min

Lab File: BG031360.D

Acq: 4 Dec 2017 23:38

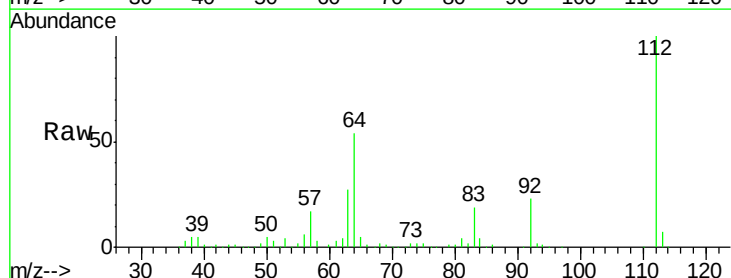
Tgt Ion:112 Resp: 250237

Ion Ratio Lower Upper

112 100

64 53.6 56.3 84.5#

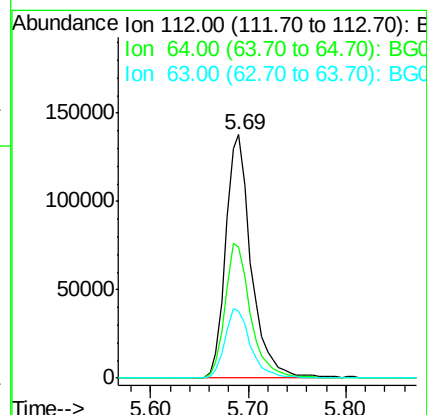
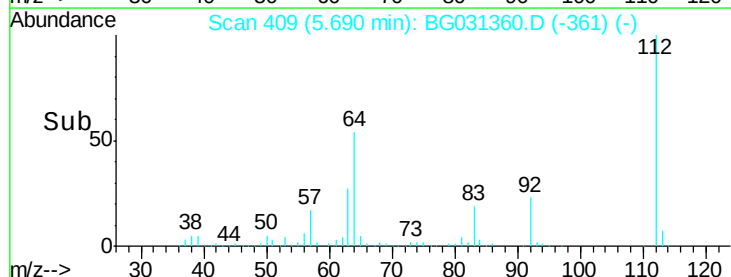
63 27.4 30.1 45.1#

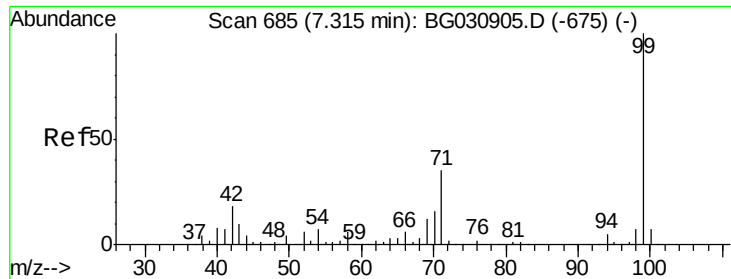


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 39.35 ng

RT: 7.29 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031360.D

Acq: 4 Dec 2017 23:38

Instrument :

BNA\_G

ClientSampleId :

BAYWAY-PHASE-3

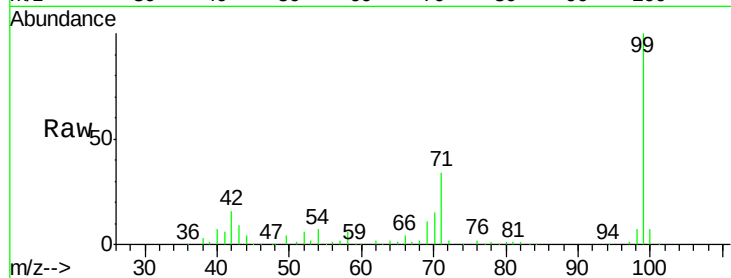
Tot Ion: 99 Resp: 199235

Ion Ratio Lower Upper

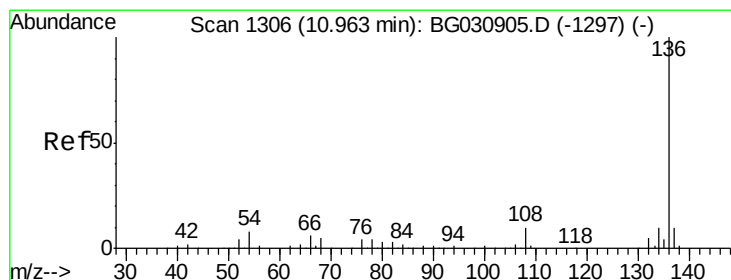
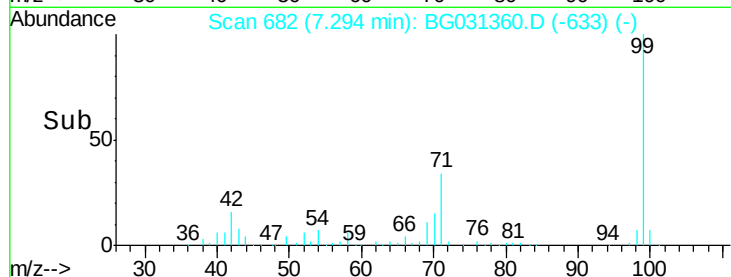
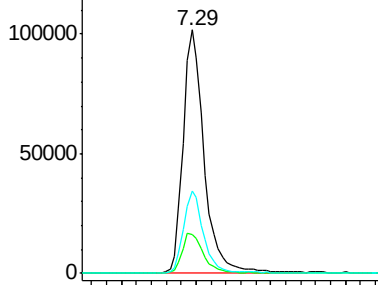
99 100

42 15.9 14.1 21.1

71 34.0 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: 20.00 ng

RT: 10.94 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BG031360.D

Acq: 4 Dec 2017 23:38

Tgt Ion: 136 Resp: 281843

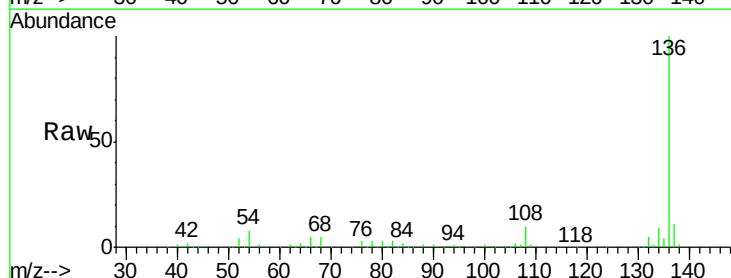
Ion Ratio Lower Upper

136 100

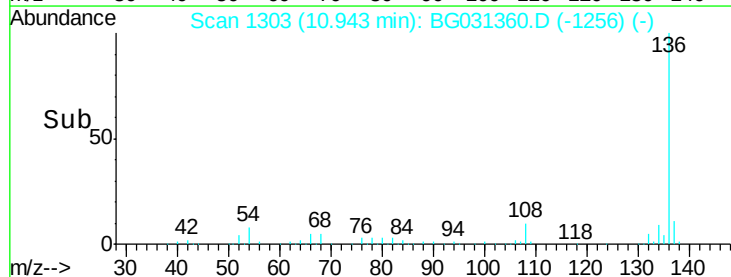
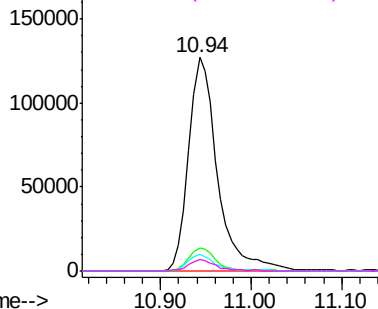
137 10.6 9.2 13.8

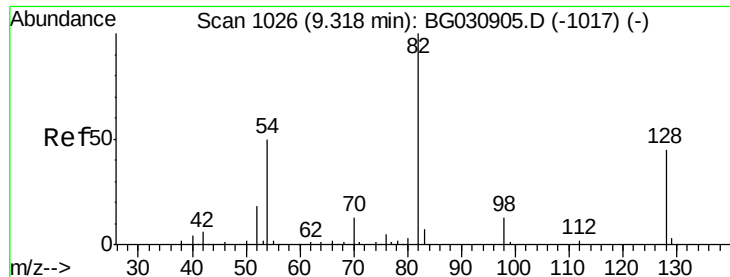
54 7.6 10.3 15.5#

68 5.3 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

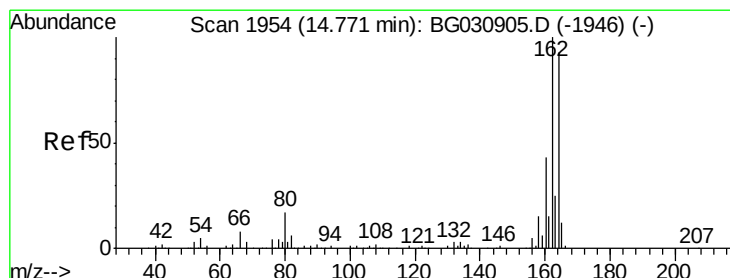
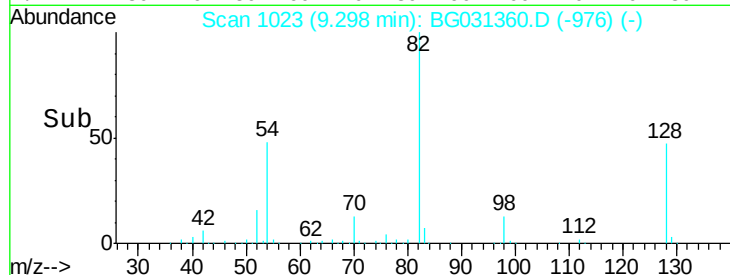
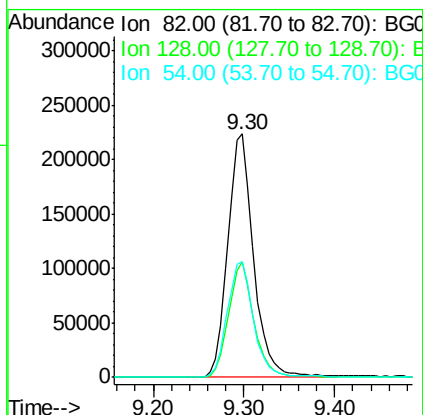
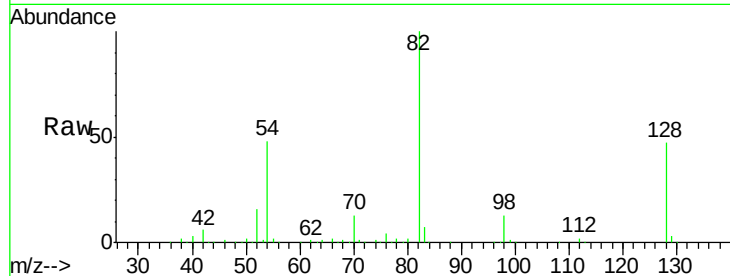




#23  
 Nitrobenzene-d5  
 Concen: 93.21 ng  
 RT: 9.30 min Scan# 1023  
 Delta R.T. -0.02 min  
 Lab File: BG031360.D  
 Acq: 4 Dec 2017 23:38

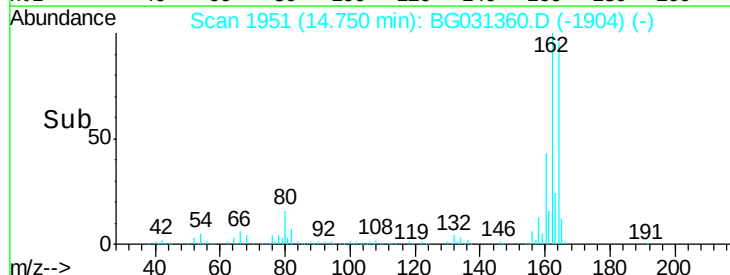
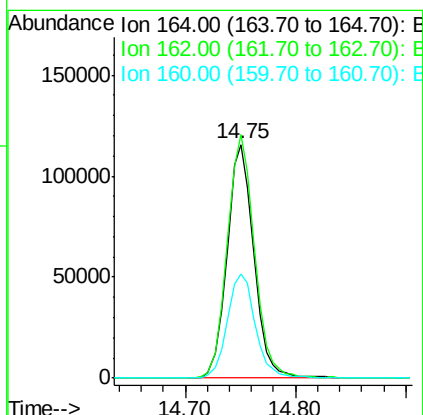
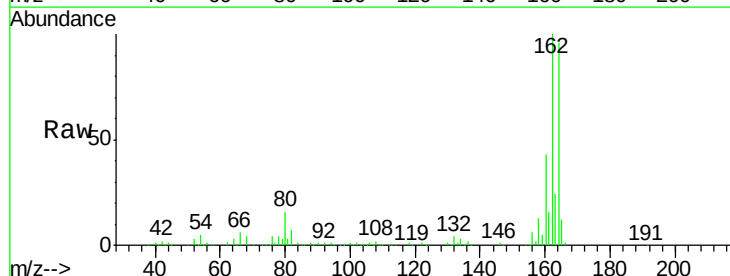
Instrument :  
 BNA\_G  
 ClientSampleId :  
 BAYWAY-PHASE-3

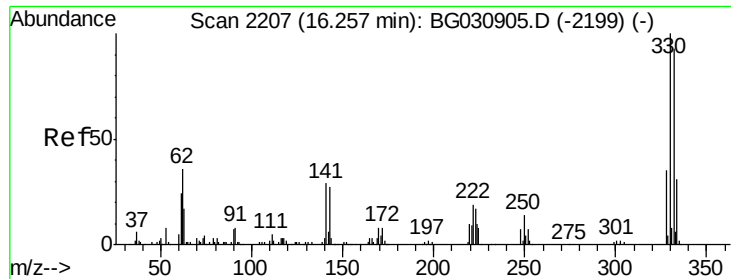
| Tot Ion   | 82   | Resp  | 443324 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 128       | 47.4 | 29.7  | 44.5#  |
| 54        | 47.5 | 43.1  | 64.7   |



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 14.75 min Scan# 1951  
 Delta R.T. -0.02 min  
 Lab File: BG031360.D  
 Acq: 4 Dec 2017 23:38

| Tgt Ion   | 164   | Resp  | 195720 |
|-----------|-------|-------|--------|
| Ion Ratio | 100   | Lower | Upper  |
| 162       | 104.1 | 78.8  | 118.2  |
| 160       | 44.6  | 35.4  | 53.0   |

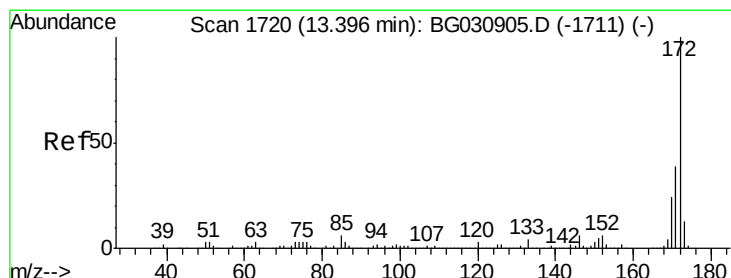
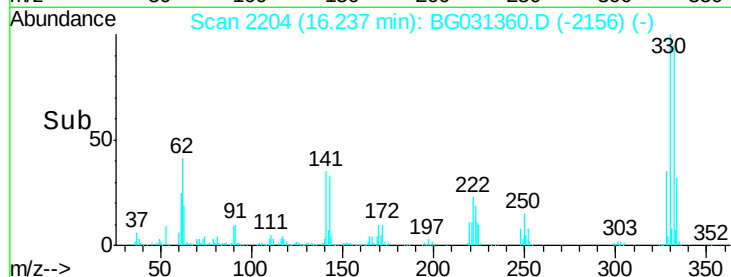
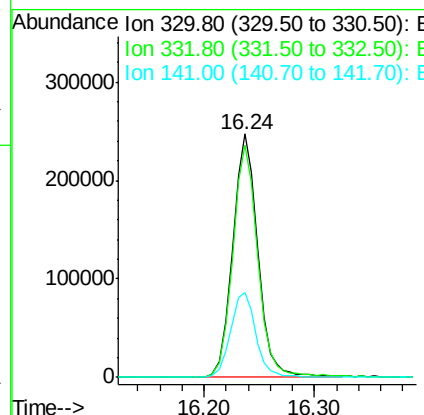
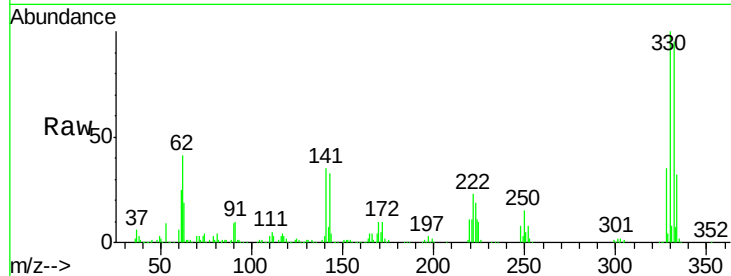




#41  
 2,4,6-Tribromophenol  
 Concen: 124.91 ng  
 RT: 16.24 min Scan# 2204  
 Delta R.T. -0.02 min  
 Lab File: BG031360.D  
 Acq: 4 Dec 2017 23:38

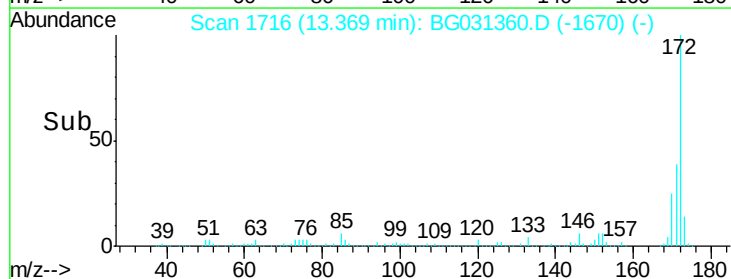
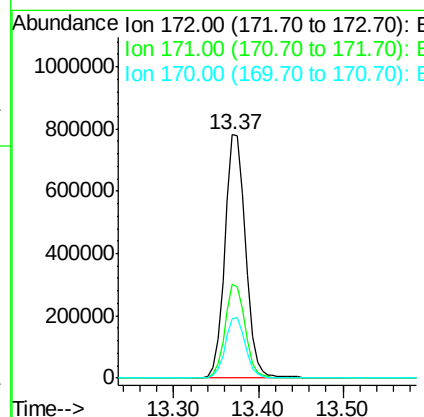
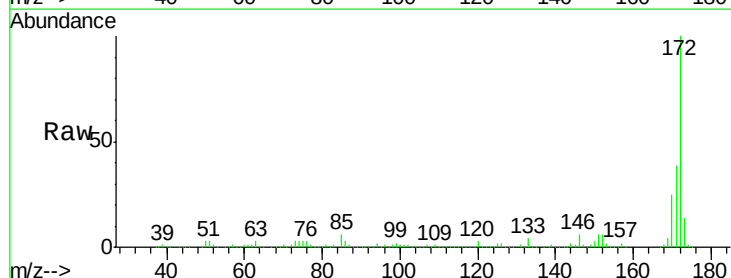
Instrument :  
 BNA\_G  
 ClientSampleId :  
 BAYWAY-PHASE-3

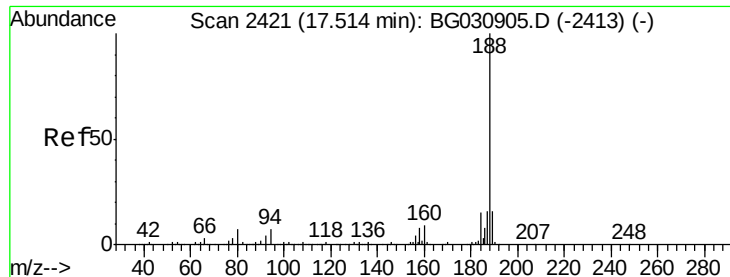
Tot Ion:330 Resp: 395489  
 Ion Ratio Lower Upper  
 330 100  
 332 95.4 77.0 115.6  
 141 35.3 25.2 37.8



#44  
 2-Fluorobiphenyl  
 Concen: 98.29 ng  
 RT: 13.37 min Scan# 1716  
 Delta R.T. -0.03 min  
 Lab File: BG031360.D  
 Acq: 4 Dec 2017 23:38

Tgt Ion:172 Resp: 1338844  
 Ion Ratio Lower Upper  
 172 100  
 171 38.5 30.0 45.0  
 170 24.5 19.5 29.3





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.49 min Scan# 2417

Delta R.T. -0.02 min

Lab File: BG031360.D

Acq: 4 Dec 2017 23:38

Instrument :

BNA\_G

ClientSampleId :

BAYWAY-PHASE-3

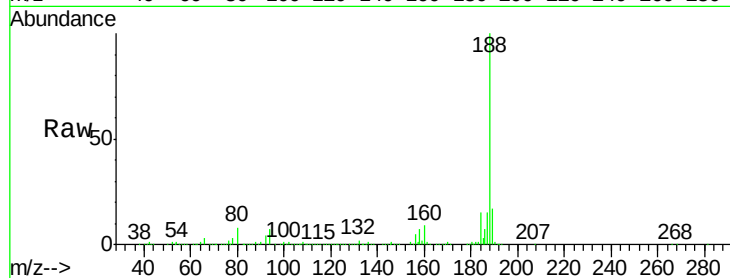
Tot Ion:188 Resp: 531825

Ion Ratio Lower Upper

188 100

94 7.0 6.9 10.3

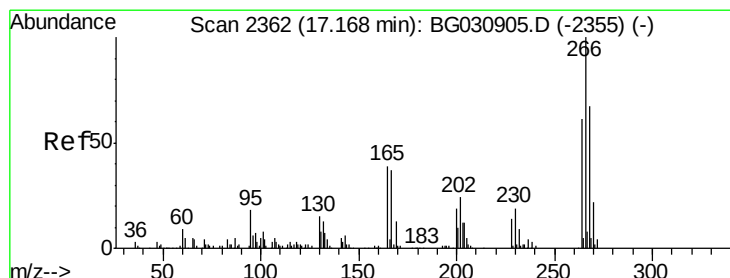
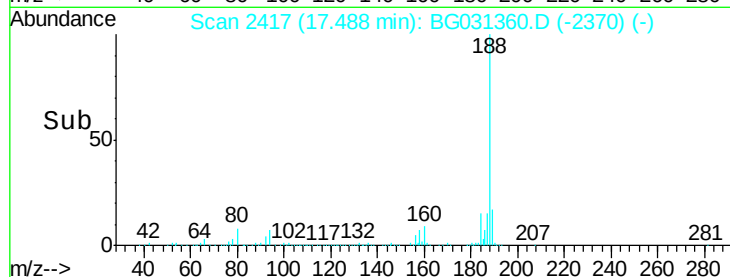
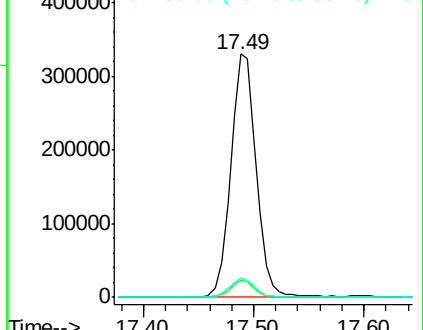
80 8.0 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#69

Pentachlorophenol

Concen: 13.42 ng

RT: 17.15 min Scan# 2360

Delta R.T. -0.01 min

Lab File: BG031360.D

Acq: 4 Dec 2017 23:38

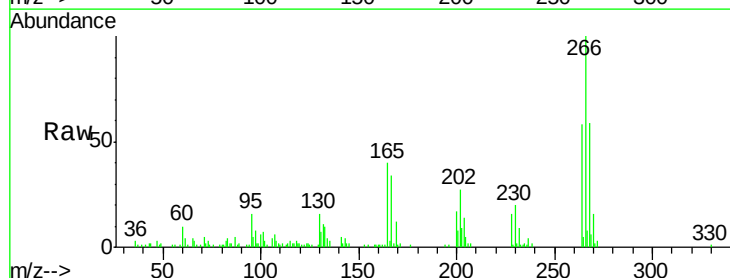
Tgt Ion:266 Resp: 53103

Ion Ratio Lower Upper

266 100

268 58.6 51.1 76.7

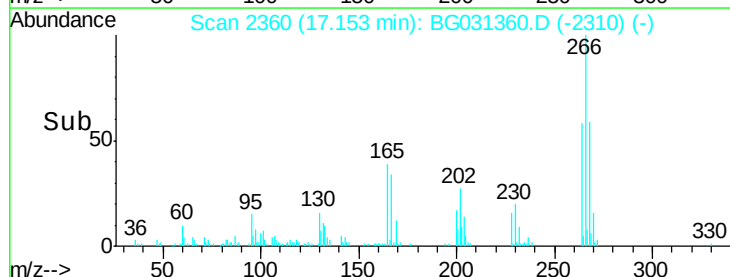
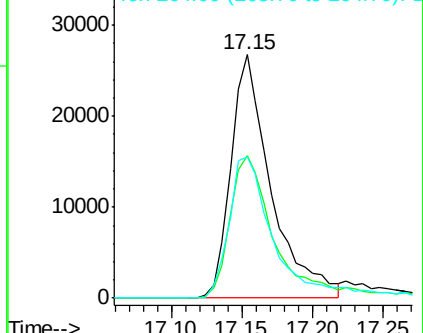
264 58.0 49.6 74.4

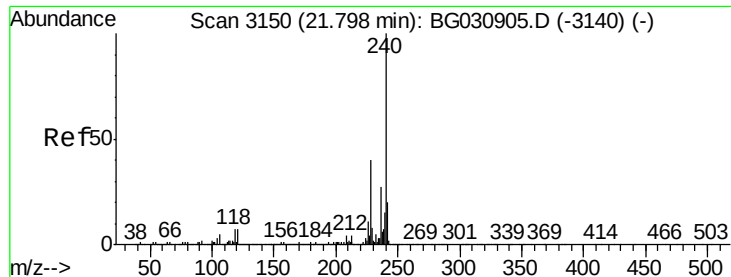


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.02 min

Lab File: BG031360.D

Acq: 4 Dec 2017 23:38

Instrument :

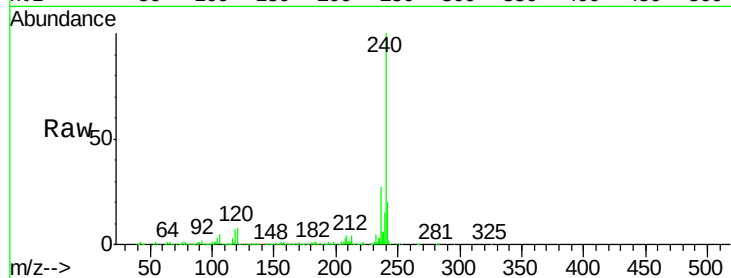
BNA\_G

ClientSampleId :

BAYWAY-PHASE-3

Tot Ion:240 Resp: 588248

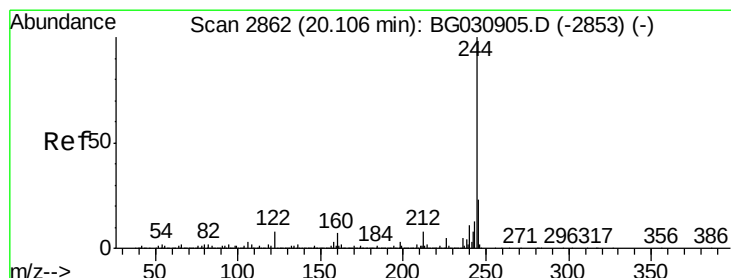
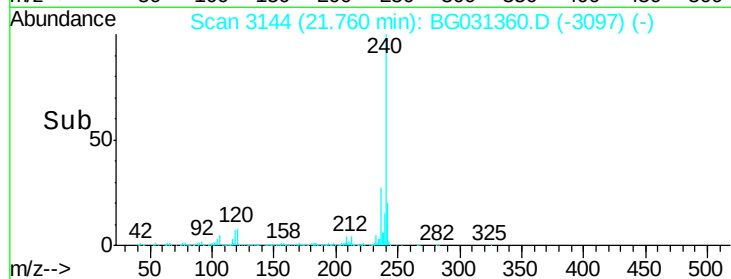
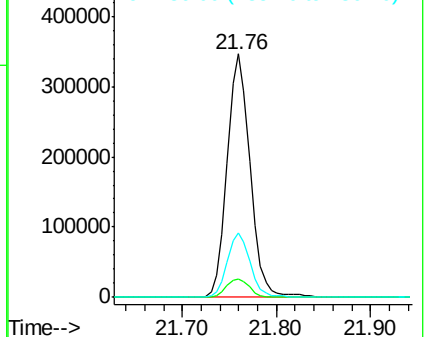
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 7.5   | 6.8   | 10.2  |
| 236 | 26.6  | 20.9  | 31.3  |



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: 88.71 ng

RT: 20.08 min Scan# 2858

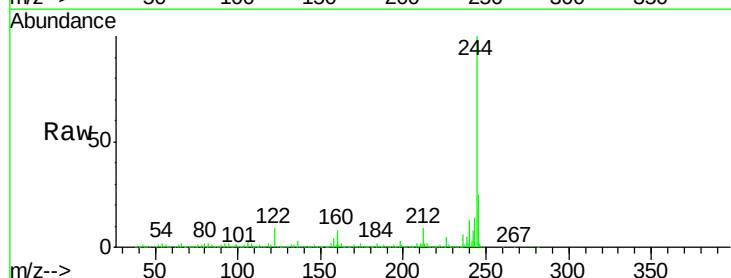
Delta R.T. -0.02 min

Lab File: BG031360.D

Acq: 4 Dec 2017 23:38

Tgt Ion:244 Resp: 2363350

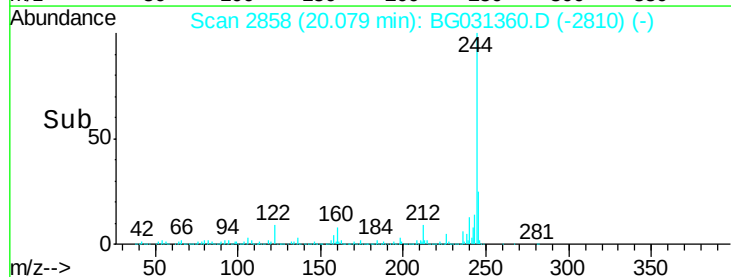
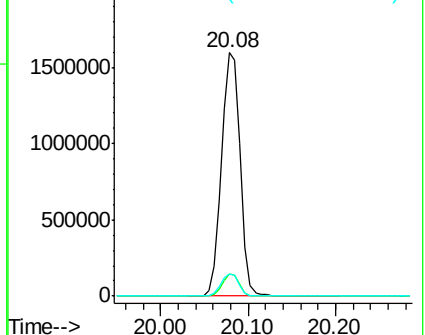
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 9.3   | 5.8   | 8.8#  |
| 122 | 9.1   | 7.0   | 10.4  |



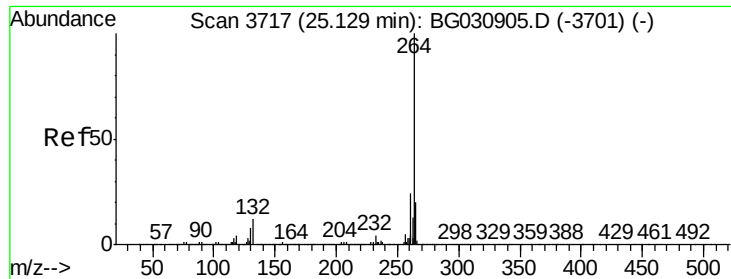
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E







#86  
Pervlene-d12  
Concen: 20.00 ng  
RT: 25.05 min Scan# 3704  
Delta R.T. -0.04 min  
Lab File: BG031360.D  
Acq: 4 Dec 2017 23:38

Instrument :  
BNA\_G  
ClientSampleId :  
BAYWAY-PHASE-3

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.2  | 17.4  | 26.0  |
| 265     | 22.4  | 17.7  | 26.5  |

