

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112718\  
 Data File : BG038172.D  
 Acq On : 27 Nov 2018 18:18  
 Operator : JU/SJ  
 Sample : J6047-01  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EP2-MW-101

Quant Time: Nov 28 04:26:11 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 13 16:39:28 2018  
 Response via : Initial Calibration

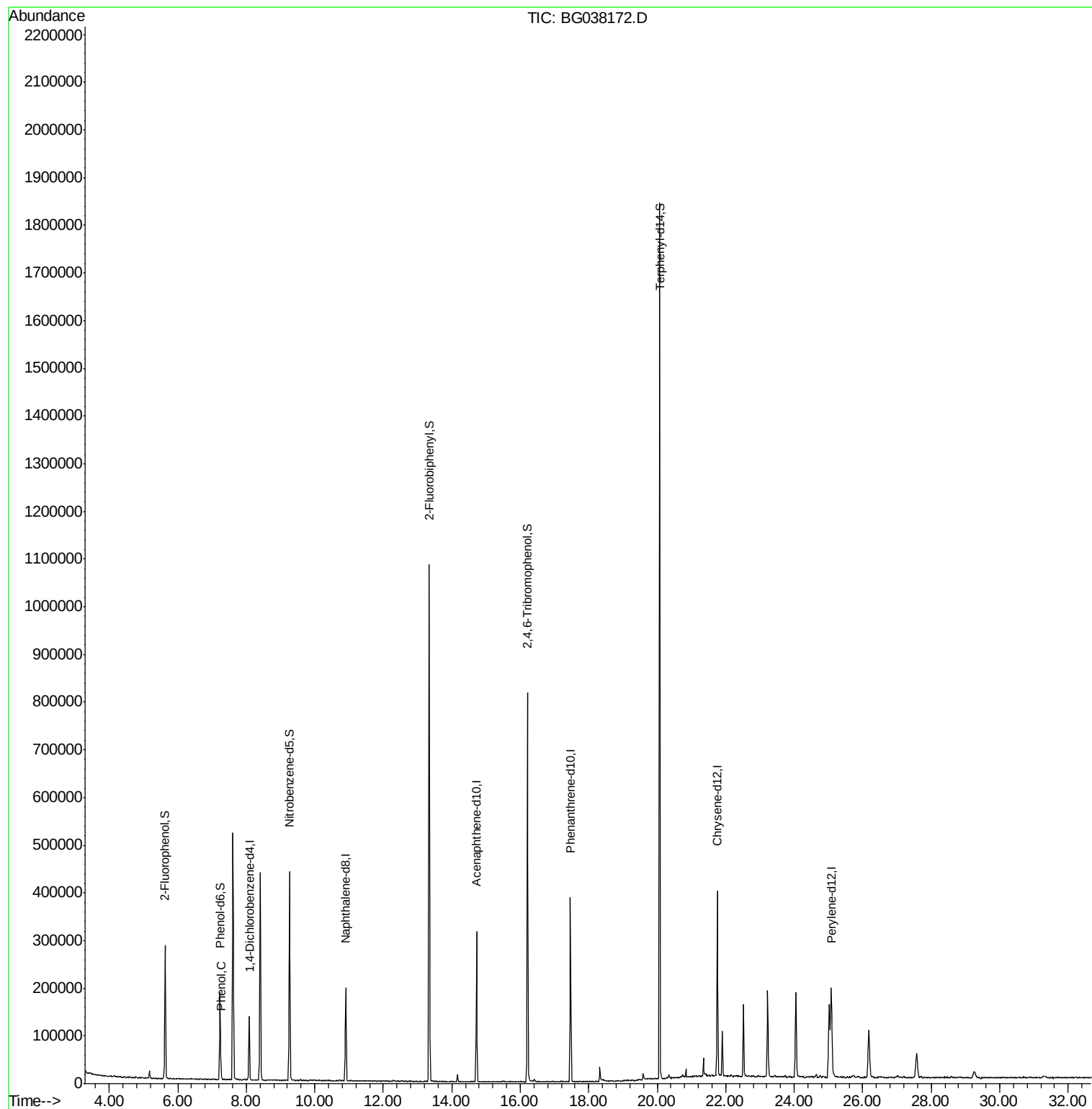
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.09  | 152  | 38522    | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8          | 10.90 | 136  | 174854   | 20.00  | ng    | 0.00      |
| 39) Acenaphthene-d10        | 14.72 | 164  | 111421   | 20.00  | ng    | 0.00      |
| 64) Phenanthrene-d10        | 17.47 | 188  | 250992   | 20.00  | ng    | 0.00      |
| 76) Chrysene-d12            | 21.76 | 240  | 229384   | 20.00  | ng    | 0.00      |
| 87) Perylene-d12            | 25.08 | 264  | 227797   | 20.00  | ng    | 0.00      |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.63  | 112  | 127740   | 57.25  | ng    | 0.00      |
| 7) Phenol-d6                | 7.23  | 99   | 116237   | 36.50  | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 9.26  | 82   | 268010   | 82.05  | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 16.21 | 330  | 144099   | 113.40 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 13.34 | 172  | 587660   | 76.84  | ng    | 0.00      |
| 79) Terphenyl-d14           | 20.07 | 244  | 867123   | 88.95  | ng    | 0.00      |
| Target Compounds            |       |      |          |        |       |           |
| 10) Phenol                  | 7.26  | 94   | 8987     | 2.664  | ng    | Qvalue 93 |

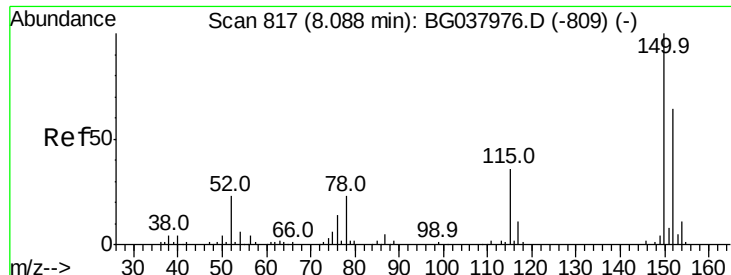
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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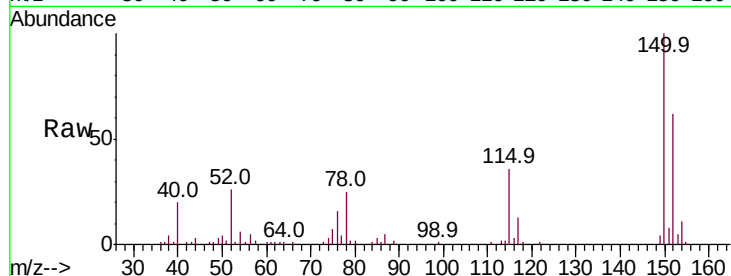


#1

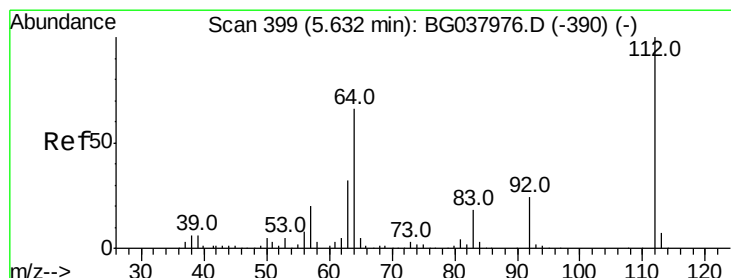
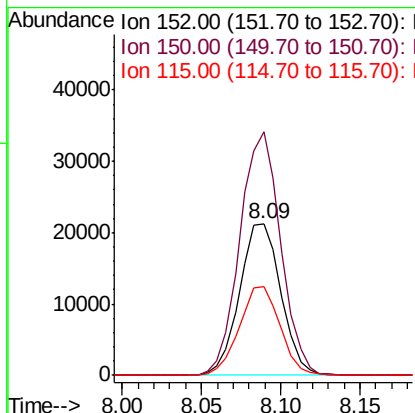
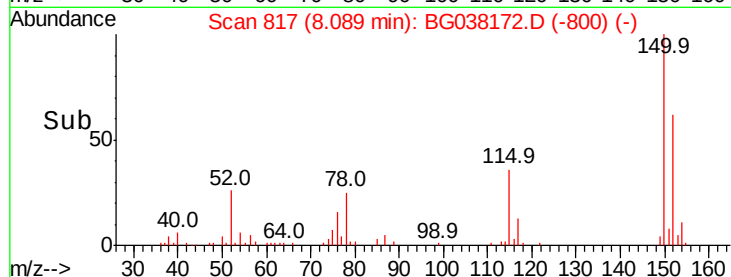
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.09 min Scan# 817  
Delta R.T. 0.00 min  
Lab File: BG038172.D  
Acq: 27 Nov 2018 18:18

Instrument :  
BNA\_G  
ClientSampleId :  
EP2-MW-101

Tot Ion:152 Resp: 38522  
Ion Ratio Lower Upper  
152 100  
150 160.4 126.0 189.0  
115 58.4 45.5 68.3



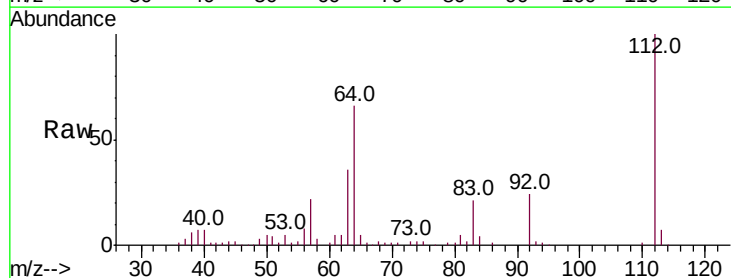
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



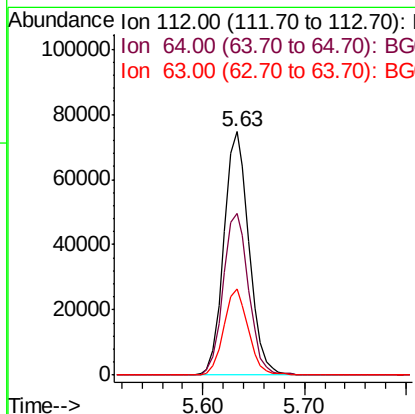
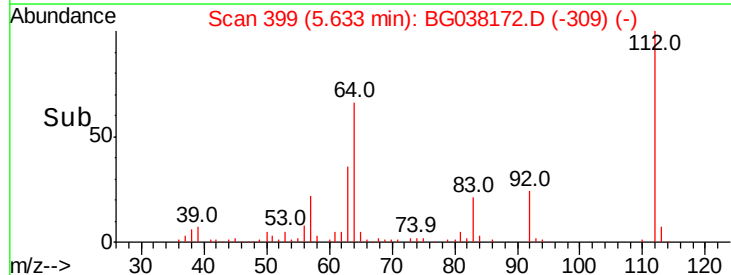
#5

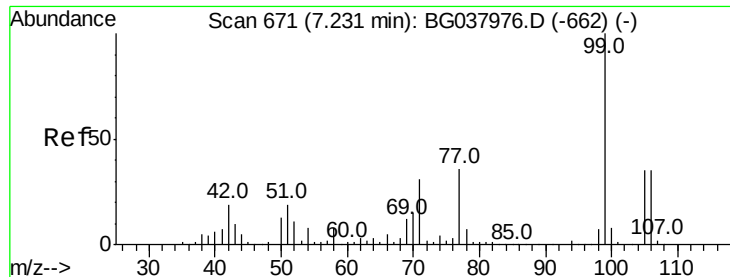
2-Fluorophenol  
Concen: 57.253 ng  
RT: 5.63 min Scan# 399  
Delta R.T. 0.00 min  
Lab File: BG038172.D  
Acq: 27 Nov 2018 18:18

Tgt Ion:112 Resp: 127740  
Ion Ratio Lower Upper  
112 100  
64 66.4 53.1 79.7  
63 35.5 27.3 40.9



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: 36.497 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038172.D

Acq: 27 Nov 2018 18:18

Instrument :

BNA\_G

ClientSampleId :

EP2-MW-101

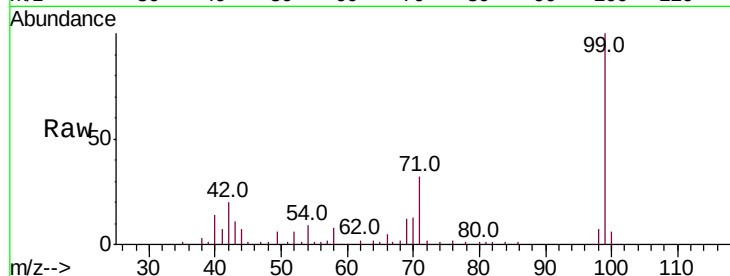
Tot Ion: 99 Resp: 116237

Ion Ratio Lower Upper

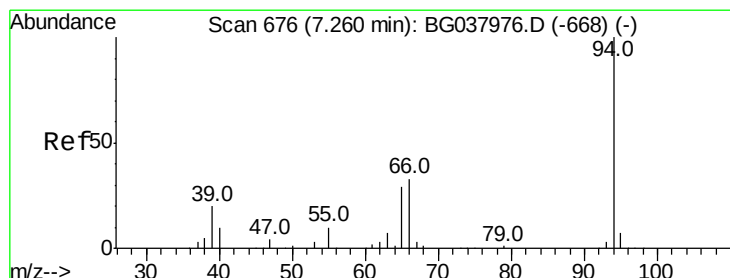
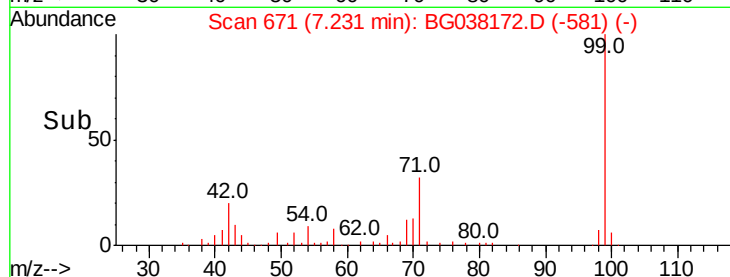
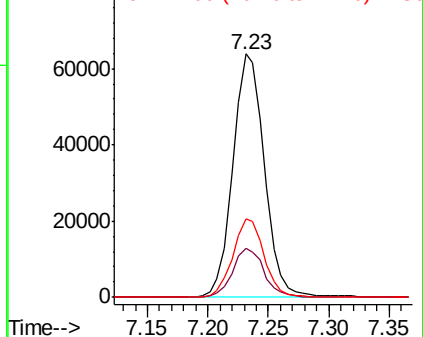
99 100

42 20.0 15.0 22.4

71 32.3 25.5 38.3



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: 2.664 ng

RT: 7.26 min Scan# 676

Delta R.T. 0.00 min

Lab File: BG038172.D

Acq: 27 Nov 2018 18:18

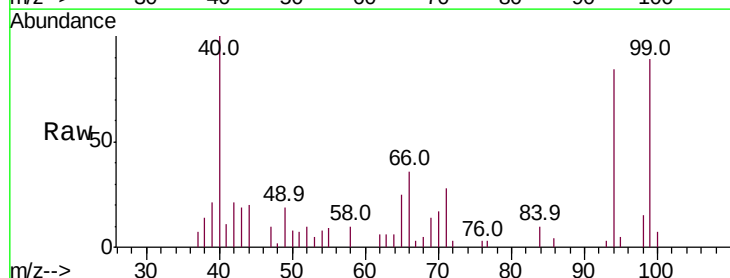
Tgt Ion: 94 Resp: 8987

Ion Ratio Lower Upper

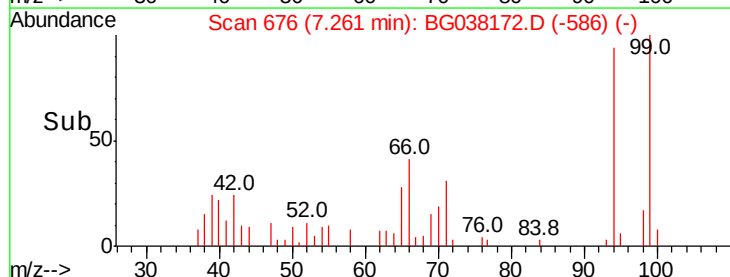
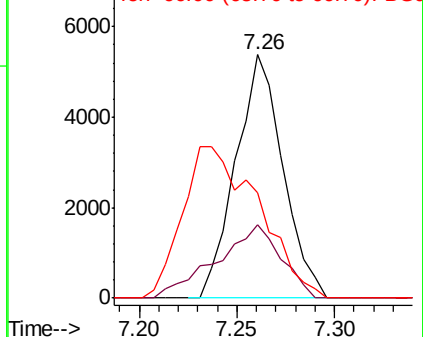
94 100

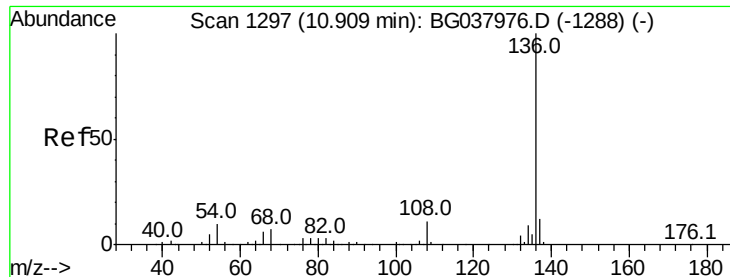
65 30.0 9.7 49.7

66 43.4 15.9 55.9



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: 10.90 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BG038172.D

Acq: 27 Nov 2018 18:18

Instrument :

BNA\_G

ClientSampleId :

EP2-MW-101

Tot Ion:136 Resp: 174854

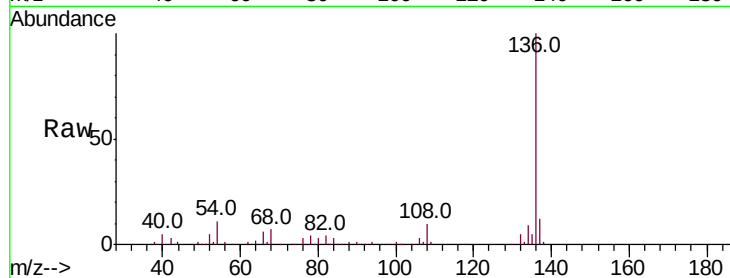
Ion Ratio Lower Upper

136 100

137 11.7 9.6 14.4

54 11.5 7.9 11.9

68 6.6 4.8 7.2

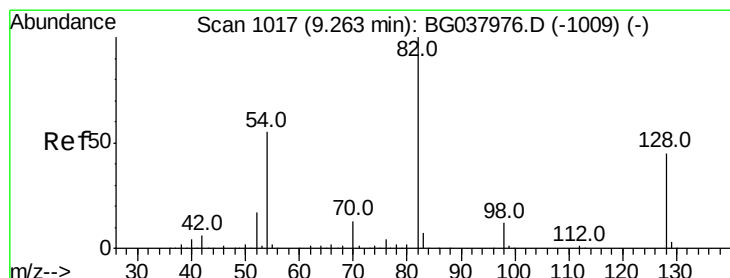
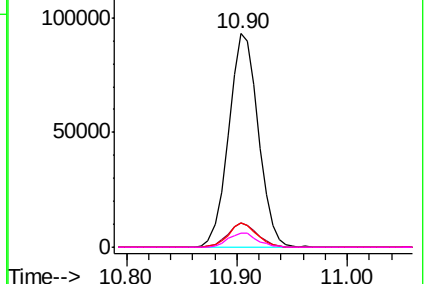
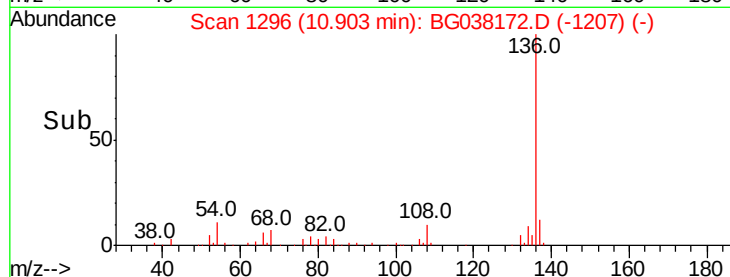


Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.049 ng

RT: 9.26 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BG038172.D

Acq: 27 Nov 2018 18:18

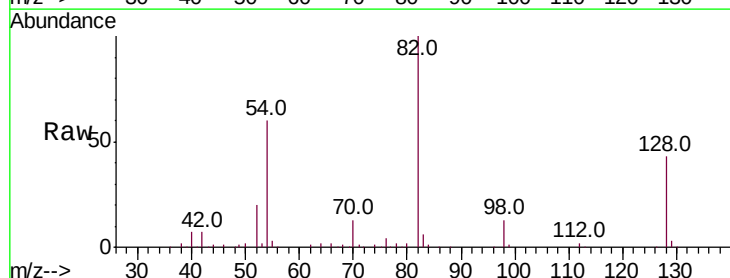
Tgt Ion: 82 Resp: 268010

Ion Ratio Lower Upper

82 100

128 43.0 34.6 51.8

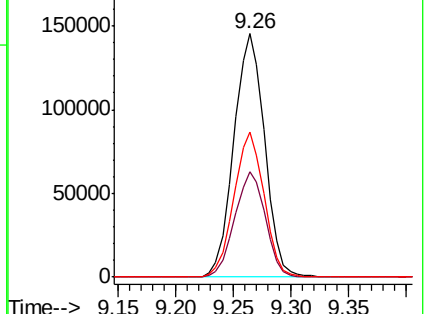
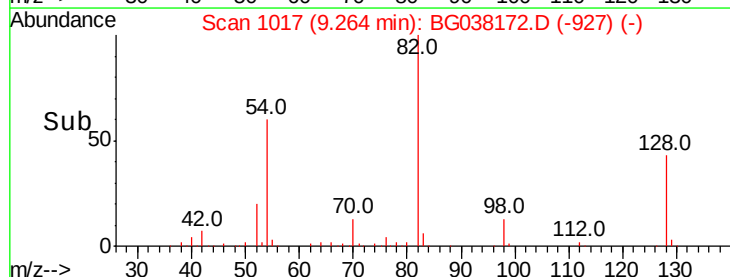
54 59.8 45.3 67.9

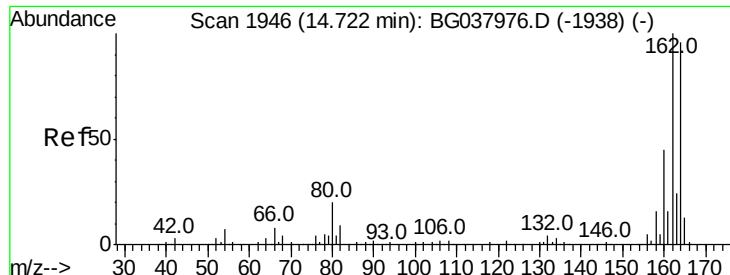


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BG038172.D

Acq: 27 Nov 2018 18:18

Instrument :

BNA\_G

ClientSampleId :

EP2-MW-101

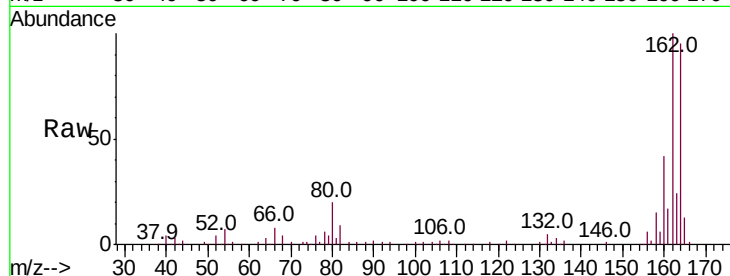
Tot Ion:164 Resp: 111421

Ion Ratio Lower Upper

164 100

162 104.8 81.3 121.9

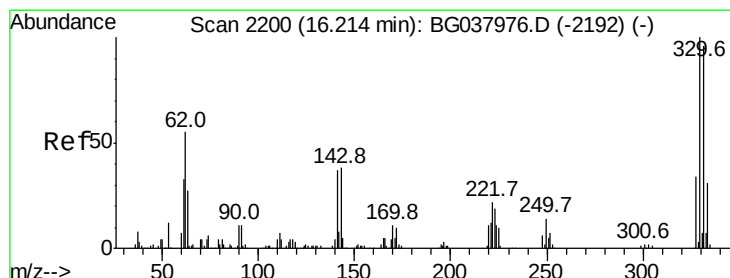
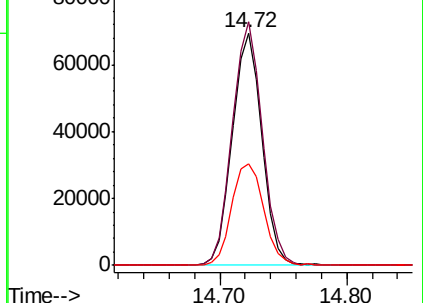
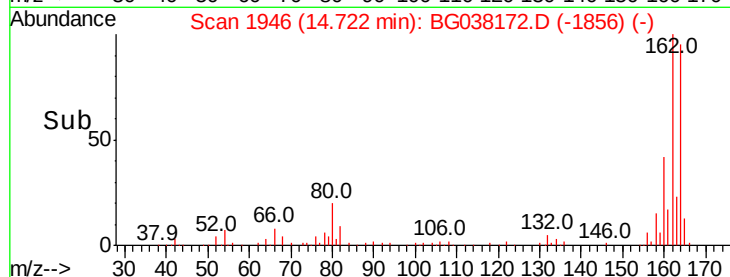
160 43.9 36.3 54.5



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



#42

2,4,6-Tribromophenol

Concen: 113.399 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG038172.D

Acq: 27 Nov 2018 18:18

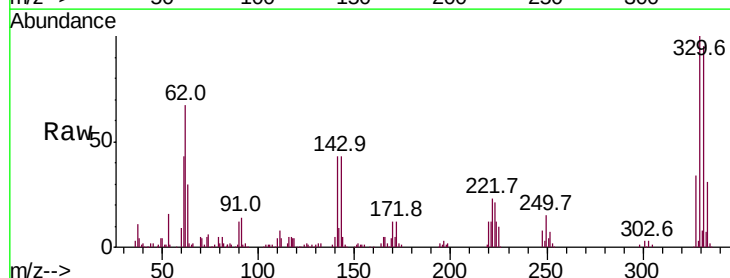
Tgt Ion:330 Resp: 144099

Ion Ratio Lower Upper

330 100

332 96.0 78.4 117.6

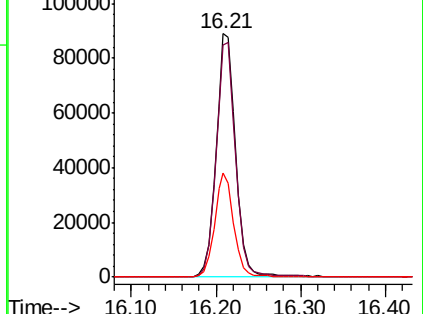
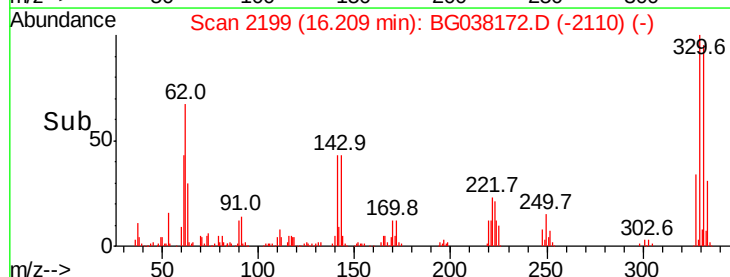
141 41.6 32.2 48.2

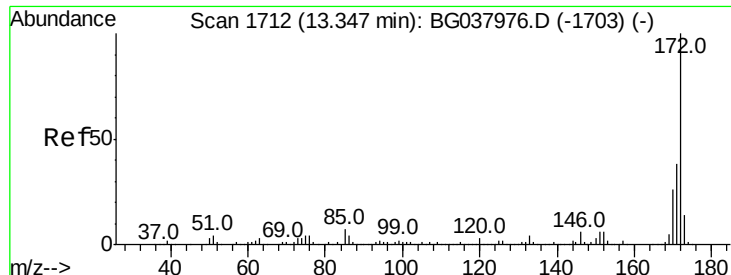


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

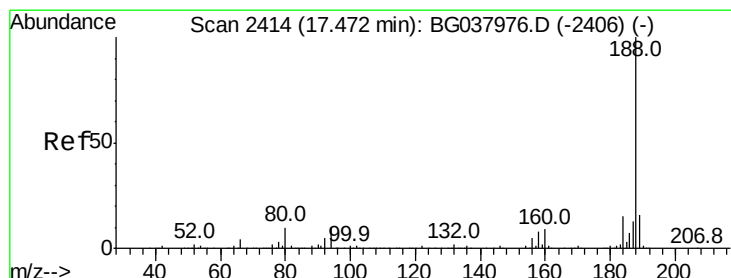
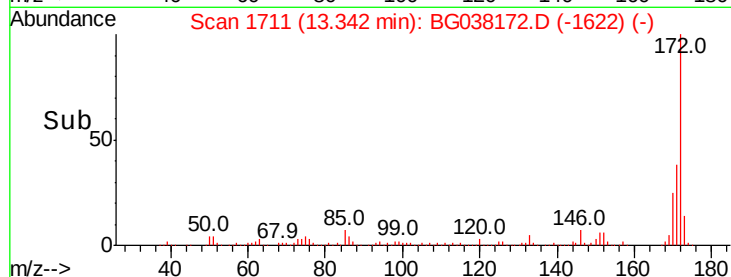
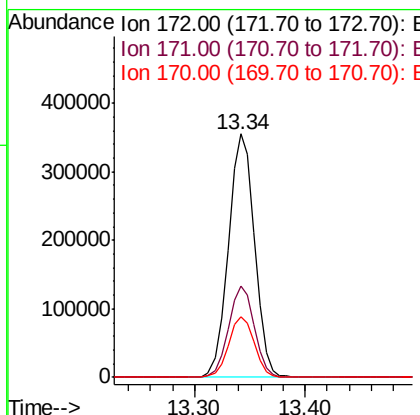
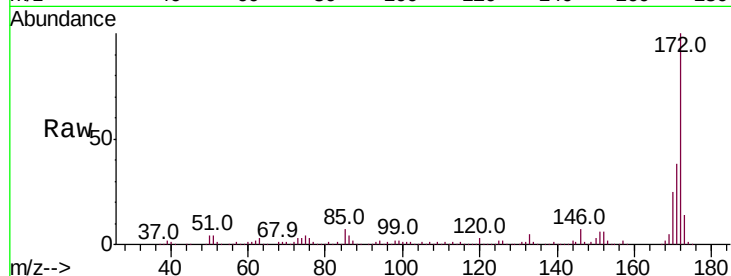




#45  
 2-Fluorobiphenyl  
 Concen: 76.838 ng  
 RT: 13.34 min Scan# 1711  
 Delta R.T. -0.01 min  
 Lab File: BG038172.D  
 Acq: 27 Nov 2018 18:18

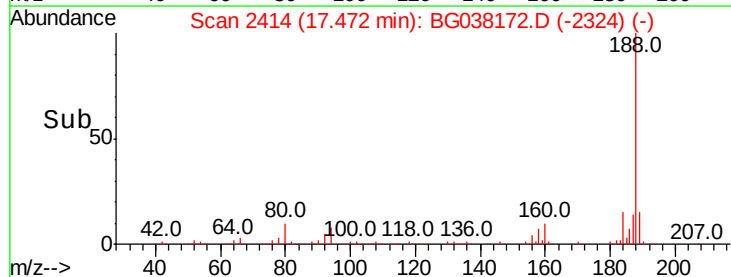
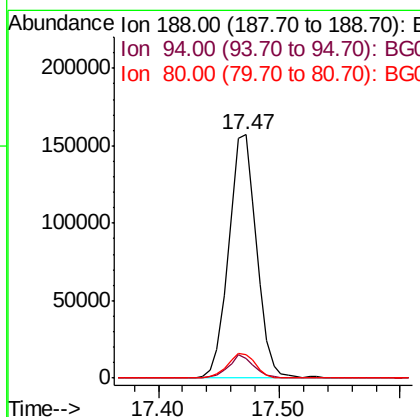
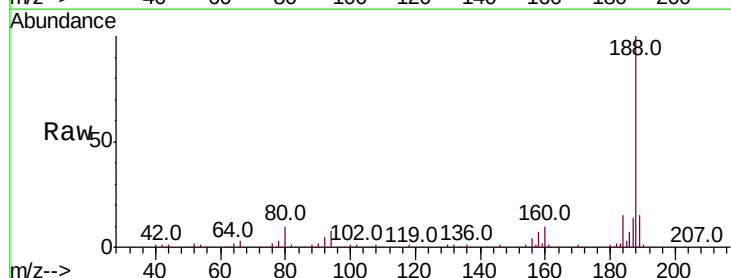
Instrument :  
 BNA\_G  
 ClientSampleId :  
 EP2-MW-101

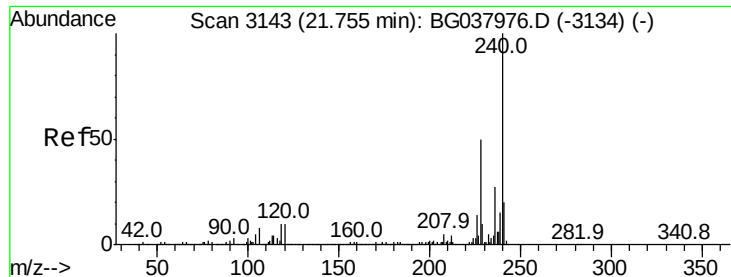
Tot Ion:172 Resp: 587660  
 Ion Ratio Lower Upper  
 172 100  
 171 37.7 31.0 46.4  
 170 24.8 20.2 30.2



#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.47 min Scan# 2414  
 Delta R.T. 0.00 min  
 Lab File: BG038172.D  
 Acq: 27 Nov 2018 18:18

Tgt Ion:188 Resp: 250992  
 Ion Ratio Lower Upper  
 188 100  
 94 8.1 7.2 10.8  
 80 9.6 7.7 11.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BG038172.D

Acq: 27 Nov 2018 18:18

Instrument :

BNA\_G

ClientSampleId :

EP2-MW-101

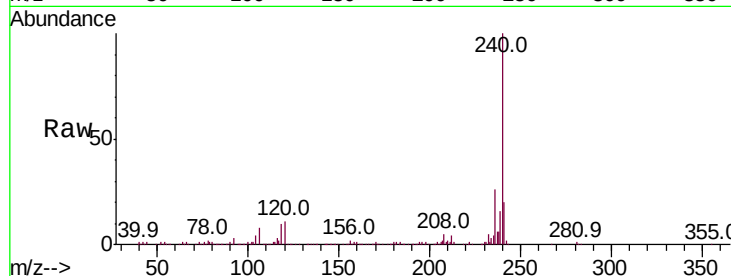
Tot Ion:240 Resp: 229384

Ion Ratio Lower Upper

240 100

120 10.6 8.1 12.1

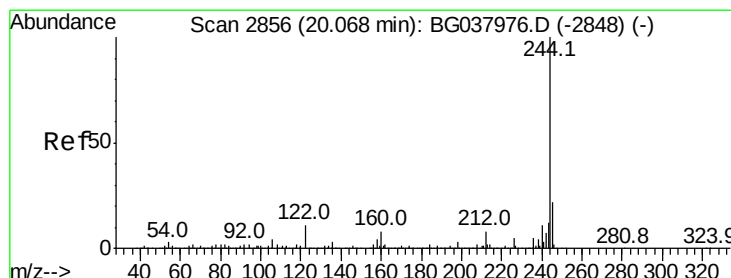
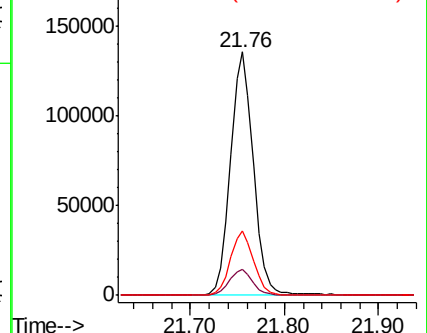
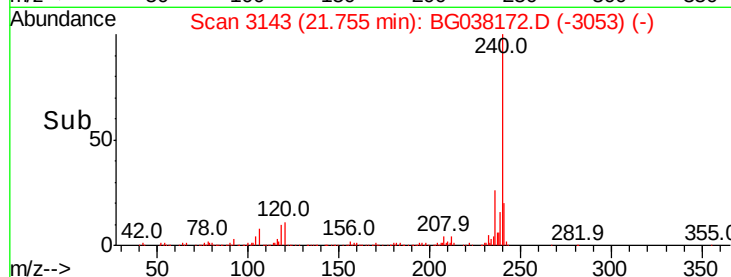
236 26.5 21.4 32.0



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



#79

Terphenyl-d14

Concen: 88.949 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038172.D

Acq: 27 Nov 2018 18:18

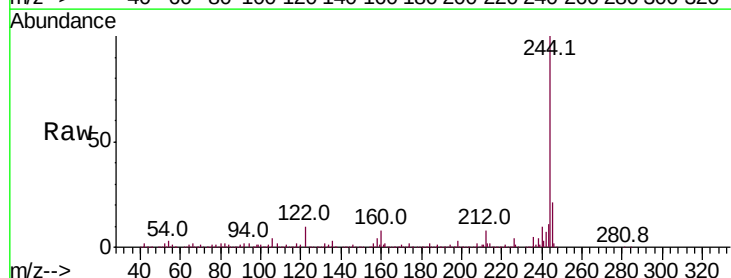
Tgt Ion:244 Resp: 867123

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

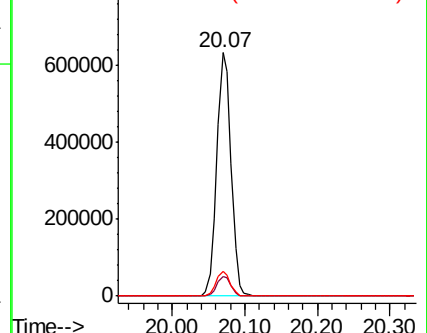
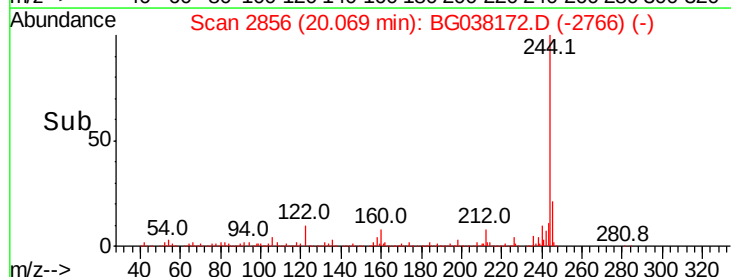
122 10.3 9.0 13.4



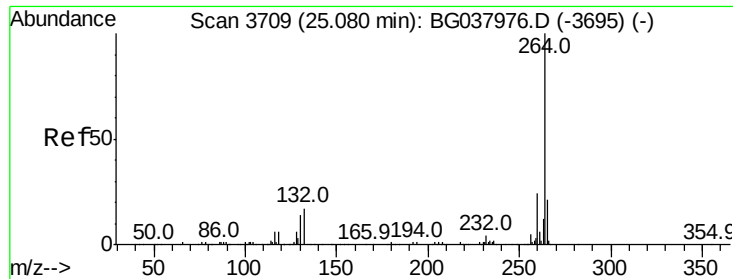
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E







#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 25.08 min Scan# 3709  
Delta R.T. 0.00 min  
Lab File: BG038172.D  
Acq: 27 Nov 2018 18:18

Instrument :  
BNA\_G  
ClientSampleId :  
EP2-MW-101

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.1  | 18.2  | 27.4  |
| 265     | 21.4  | 17.9  | 26.9  |

