

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110218\  
 Data File : BG037789.D  
 Acq On : 3 Nov 2018 13:39  
 Operator : JU/SJ  
 Sample : J5755-08  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-2A-S

Quant Time: Nov 05 05:22:16 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 18 14:06:42 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.09  | 152  | 57936    | 20.00  | ng    | -0.01    |
| 21) Naphthalene-d8          | 10.91 | 136  | 260407   | 20.00  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 14.73 | 164  | 174255   | 20.00  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.48 | 188  | 380986   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.76 | 240  | 348962   | 20.00  | ng    | -0.01    |
| 87) Perylene-d12            | 25.10 | 264  | 257589   | 20.00  | ng    | -0.01    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.64  | 112  | 384775   | 111.03 | ng    | 0.00     |
| 7) Phenol-d6                | 7.24  | 99   | 516614   | 98.59  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.28  | 82   | 386034   | 83.04  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.22 | 330  | 185586   | 97.65  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.35 | 172  | 960816   | 83.15  | ng    | -0.01    |
| 79) Terphenyl-d14           | 20.08 | 244  | 1356669  | 83.07  | ng    | 0.00     |

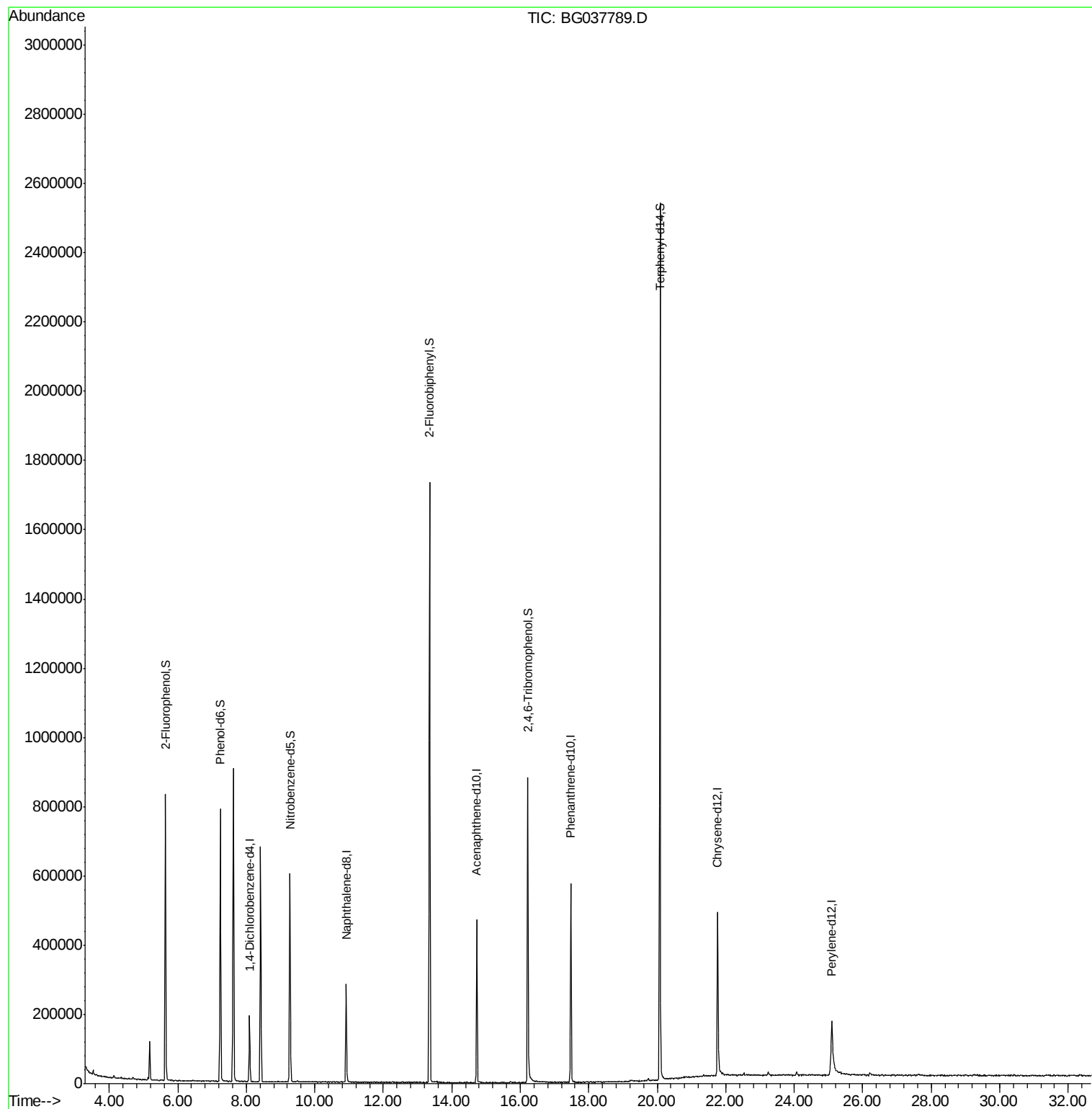
Target Compounds Qvalue

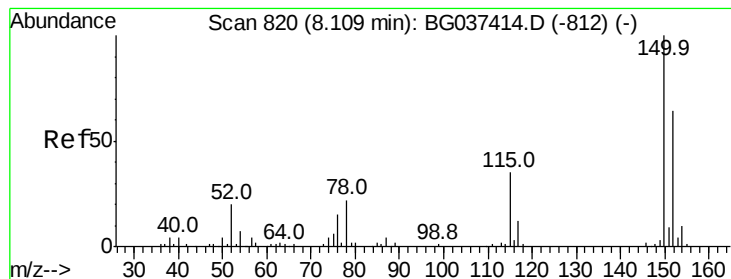
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 18 14:06:42 2018  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.09 min Scan# 818

Delta R.T. -0.01 min

Lab File: BG037789.D

Acq: 3 Nov 2018 13:39

Instrument :

BNA\_G

ClientSampleId :

TP-2A-S

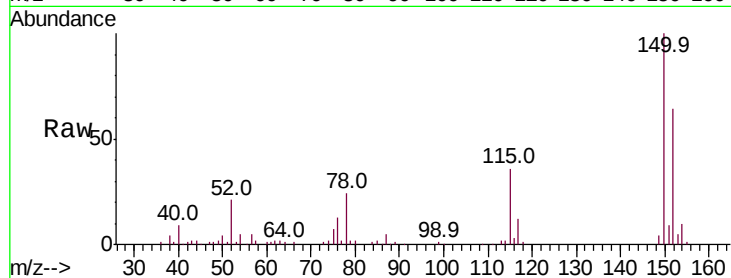
Tot Ion:152 Resp: 57936

Ion Ratio Lower Upper

152 100

150 157.3 126.0 189.0

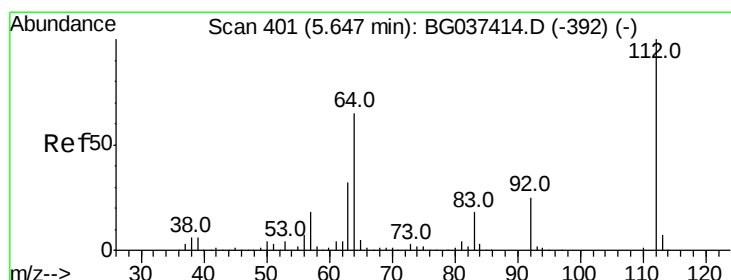
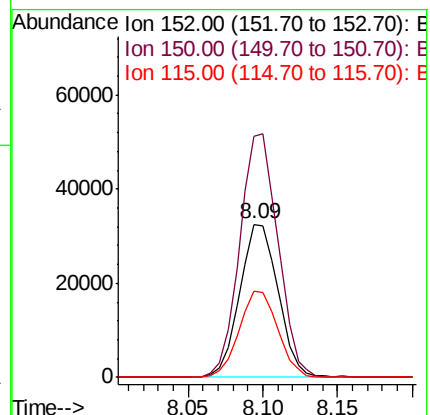
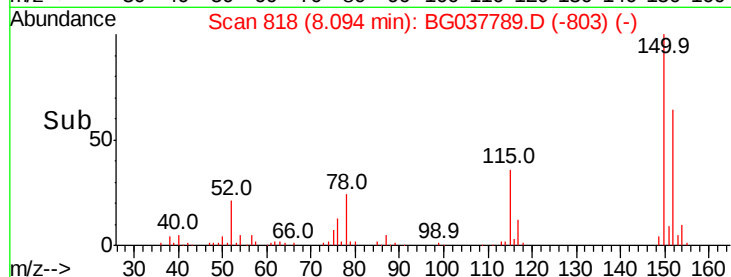
115 56.3 45.5 68.3



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: 111.034 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BG037789.D

Acq: 3 Nov 2018 13:39

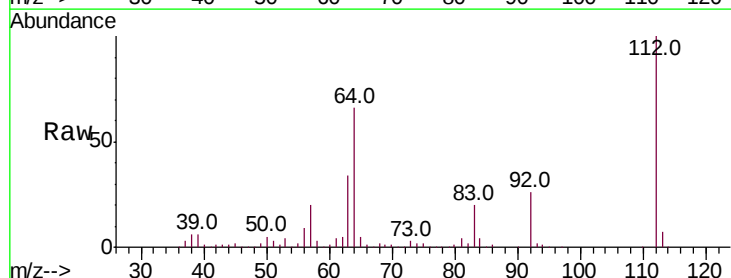
Tgt Ion:112 Resp: 384775

Ion Ratio Lower Upper

112 100

64 66.1 53.1 79.7

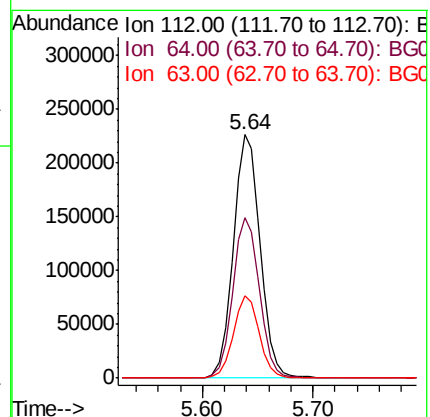
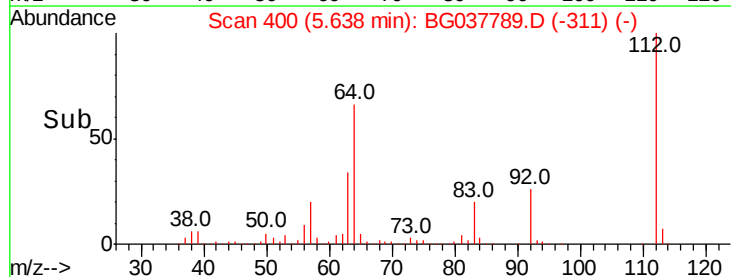
63 33.9 27.3 40.9

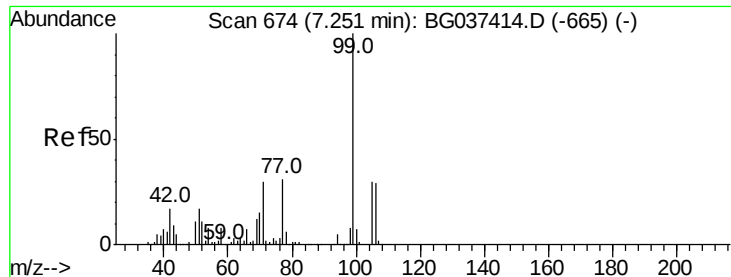


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 98.589 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037789.D

Acq: 3 Nov 2018 13:39

Instrument :

BNA\_G

ClientSampleId :

TP-2A-S

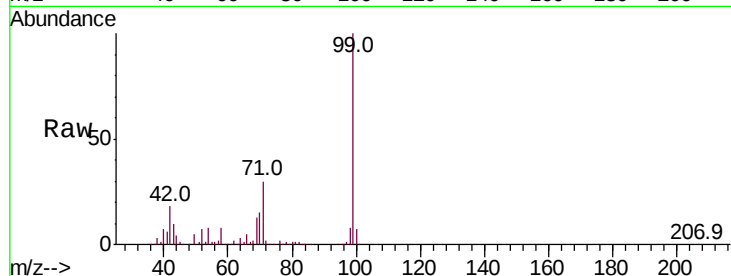
Tot Ion: 99 Resp: 516614

Ion Ratio Lower Upper

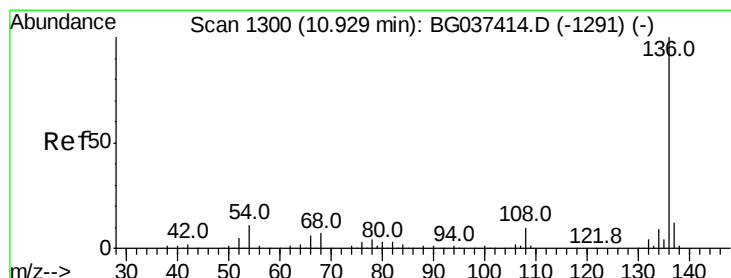
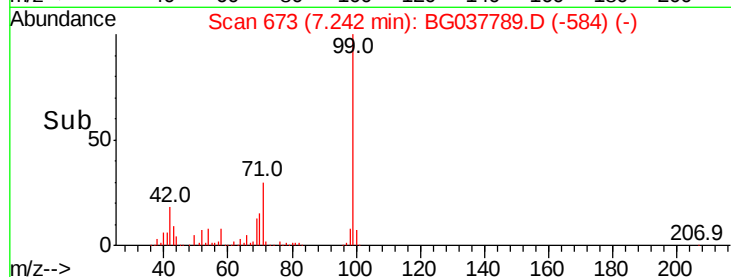
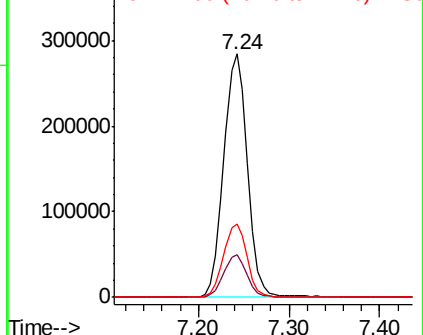
99 100

42 17.7 15.0 22.4

71 30.3 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.91 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BG037789.D

Acq: 3 Nov 2018 13:39

Tgt Ion: 136 Resp: 260407

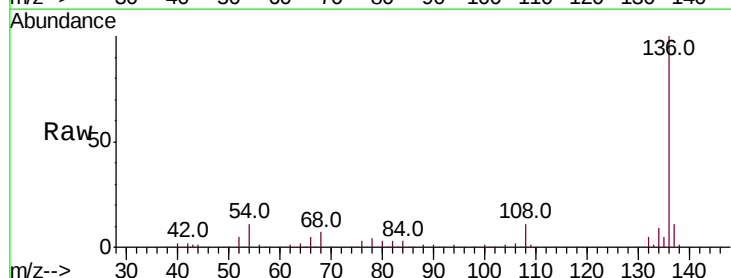
Ion Ratio Lower Upper

136 100

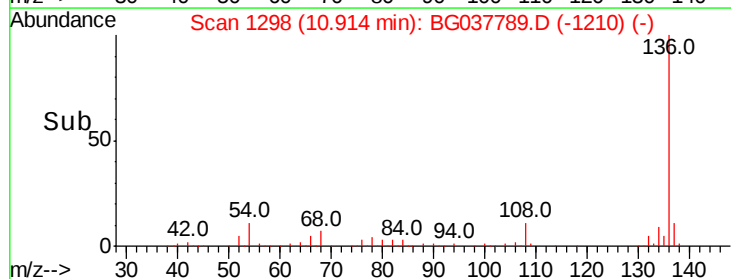
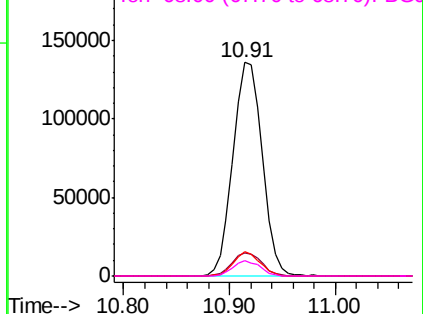
137 11.0 9.6 14.4

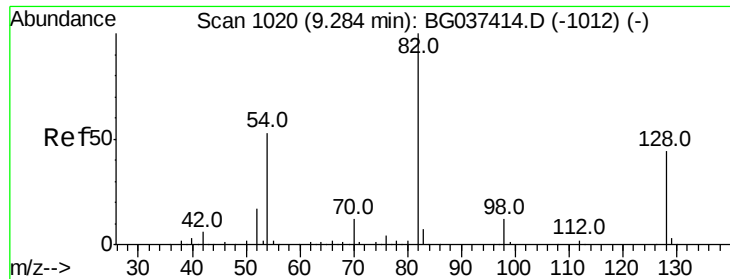
54 11.2 7.9 11.9

68 7.1 4.8 7.2



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

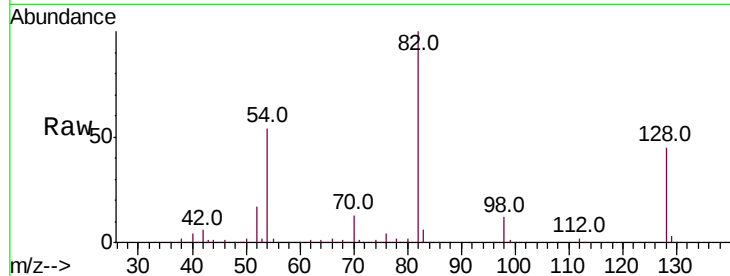




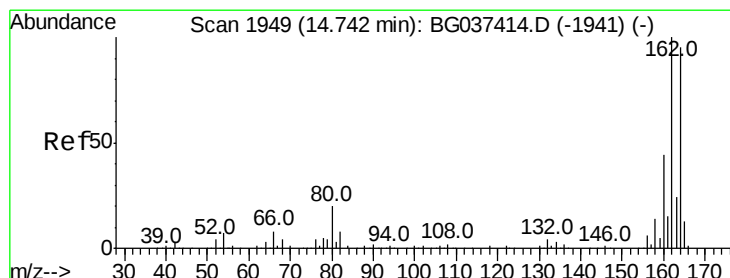
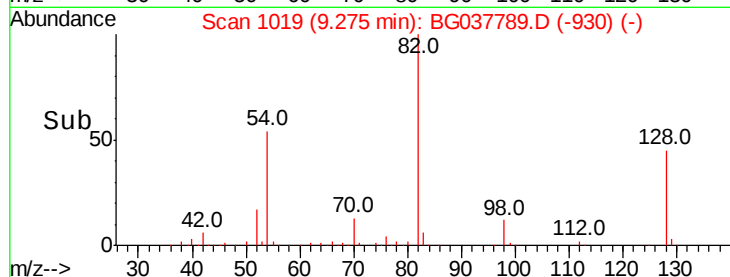
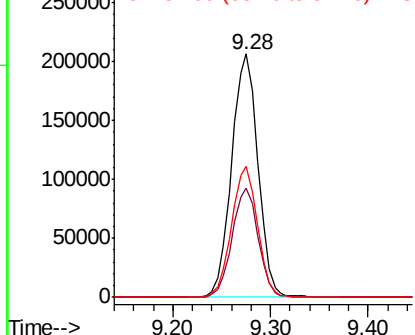
#23  
Nitrobenzene-d5  
Concen: 83.044 ng  
RT: 9.28 min Scan# 1019  
Delta R.T. -0.01 min  
Lab File: BG037789.D  
Acq: 3 Nov 2018 13:39

Instrument :  
BNA\_G  
ClientSampleId :  
TP-2A-S

Tot Ion: 82 Resp: 386034  
Ion Ratio Lower Upper  
82 100  
128 44.9 34.6 51.8  
54 53.8 45.3 67.9

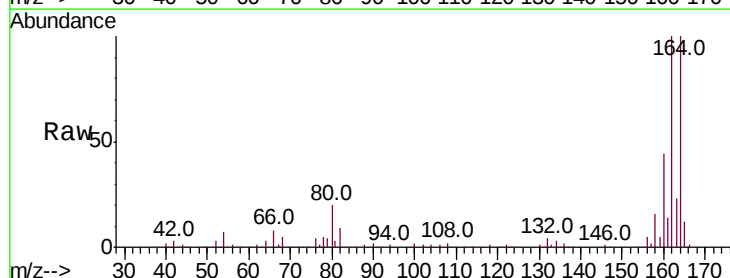


Abundance Ion 82.00 (81.70 to 82.70): BGC  
Ion 128.00 (127.70 to 128.70): BGC  
Ion 54.00 (53.70 to 54.70): BGC

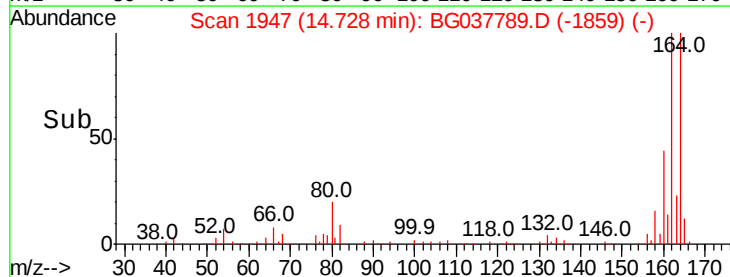
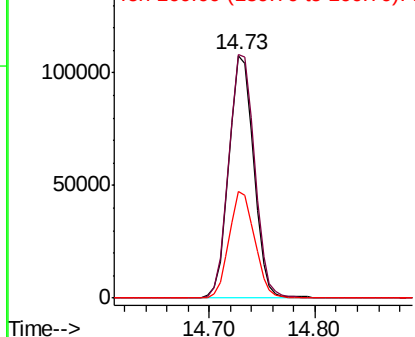


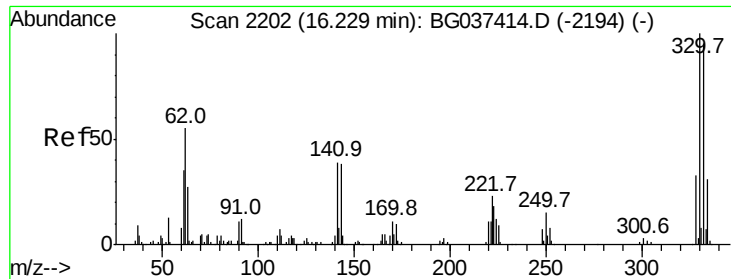
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.73 min Scan# 1947  
Delta R.T. -0.01 min  
Lab File: BG037789.D  
Acq: 3 Nov 2018 13:39

Tgt Ion:164 Resp: 174255  
Ion Ratio Lower Upper  
164 100  
162 100.4 81.3 121.9  
160 44.2 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): BGC  
Ion 162.00 (161.70 to 162.70): BGC  
Ion 160.00 (159.70 to 160.70): BGC





#42

2,4,6-Tribromophenol

Concen: 97.647 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037789.D

Acq: 3 Nov 2018 13:39

Instrument :

BNA\_G

ClientSampleId :

TP-2A-S

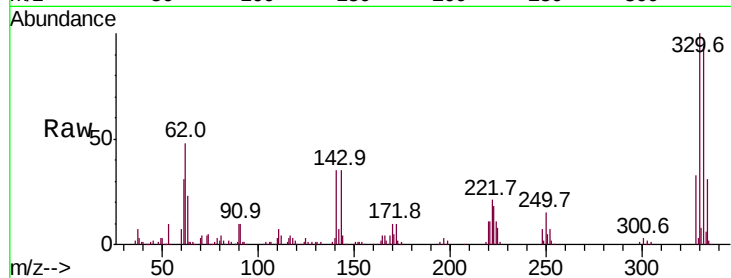
Tot Ion:330 Resp: 185586

Ion Ratio Lower Upper

330 100

332 97.0 78.4 117.6

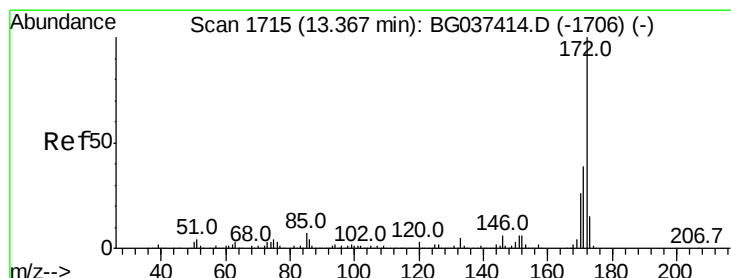
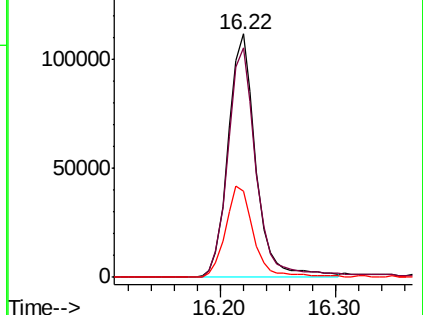
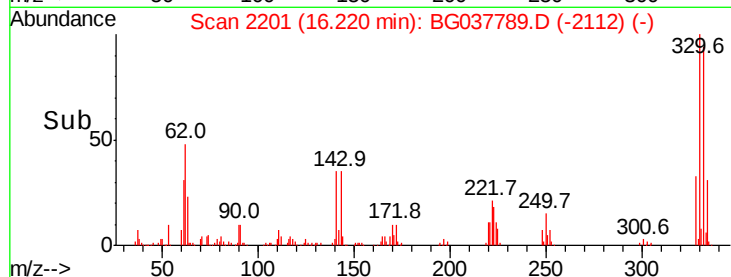
141 38.1 32.2 48.2



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: 83.146 ng

RT: 13.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: BG037789.D

Acq: 3 Nov 2018 13:39

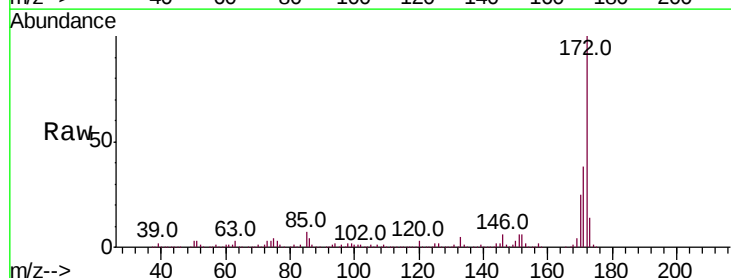
Tgt Ion:172 Resp: 960816

Ion Ratio Lower Upper

172 100

171 37.8 31.0 46.4

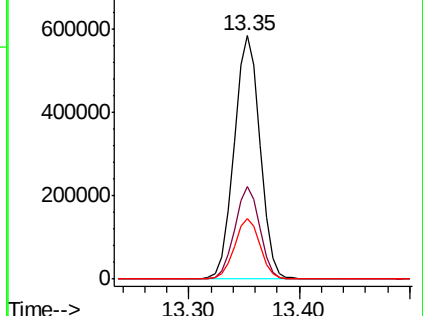
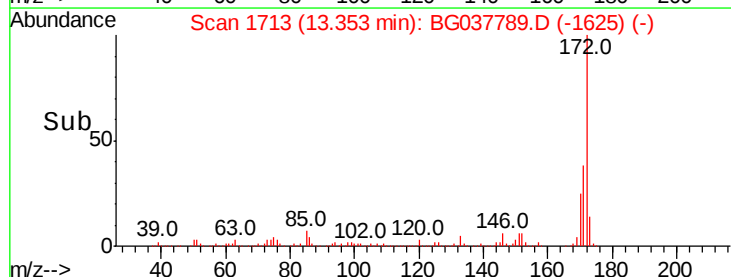
170 25.0 20.2 30.2

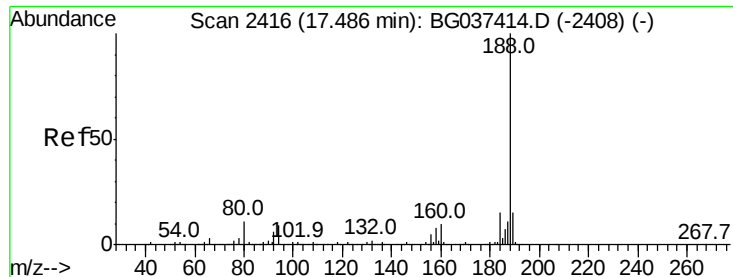


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

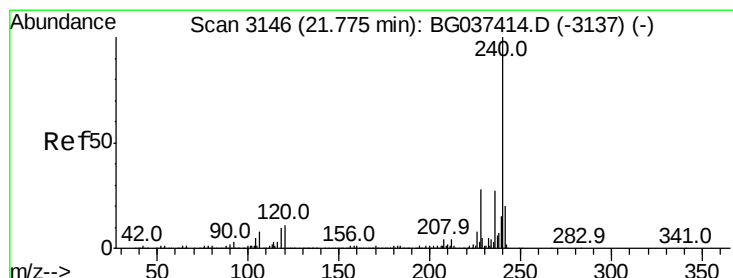
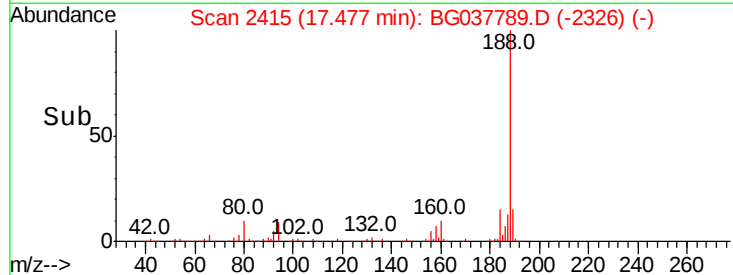
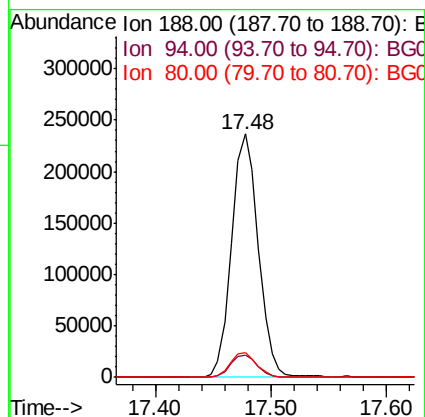
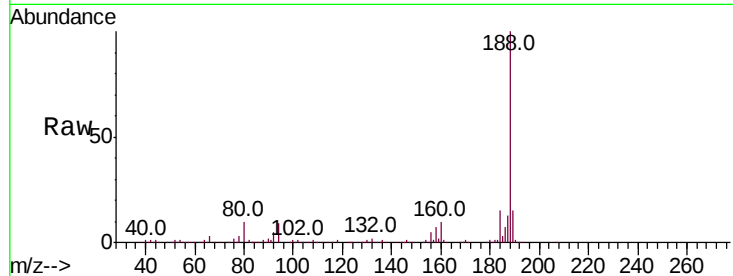




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.48 min Scan# 2415  
Delta R.T. -0.01 min  
Lab File: BG037789.D  
Acq: 3 Nov 2018 13:39

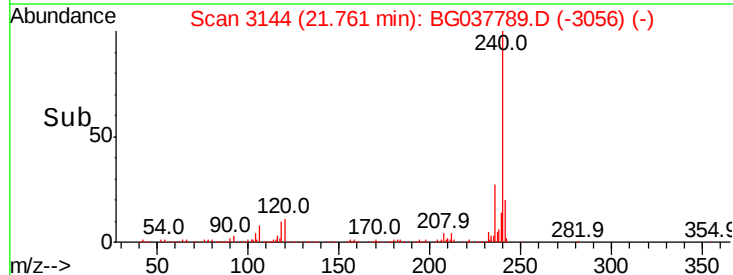
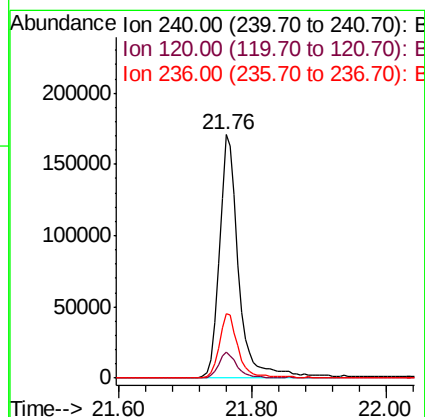
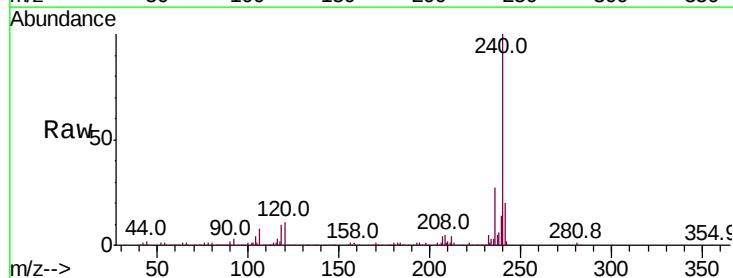
Instrument :  
BNA\_G  
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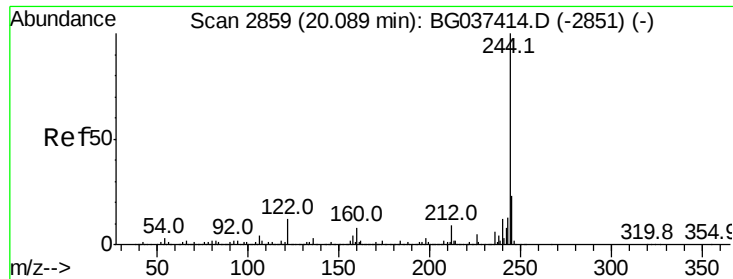
Tot Ion:188 Resp: 380986  
Ion Ratio Lower Upper  
188 100  
94 9.0 7.2 10.8  
80 10.4 7.7 11.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.76 min Scan# 3144  
Delta R.T. -0.01 min  
Lab File: BG037789.D  
Acq: 3 Nov 2018 13:39

Tgt Ion:240 Resp: 348962  
Ion Ratio Lower Upper  
240 100  
120 10.7 8.1 12.1  
236 26.5 21.4 32.0





#79

Terphenyl-d14

Concen: 83.072 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037789.D

Acq: 3 Nov 2018 13:39

Instrument :

BNA\_G

ClientSampleId :

TP-2A-S

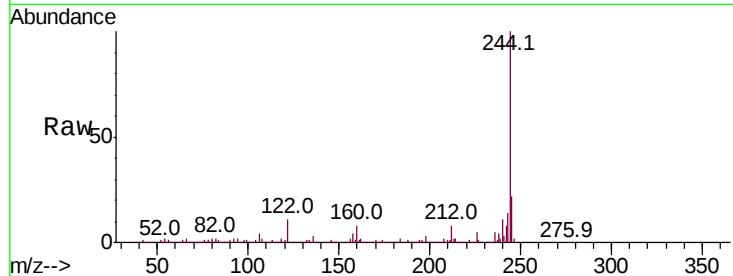
Tot Ion:244 Resp: 1356669

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

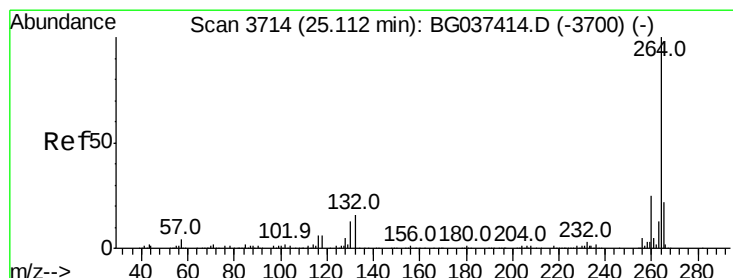
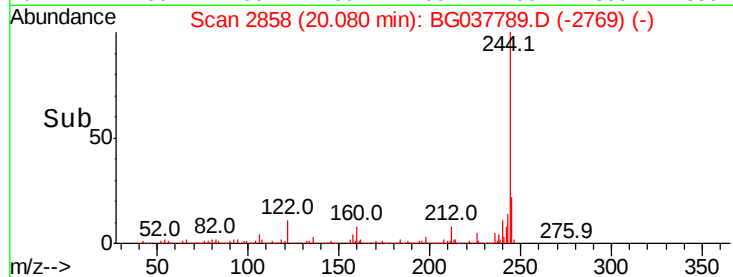
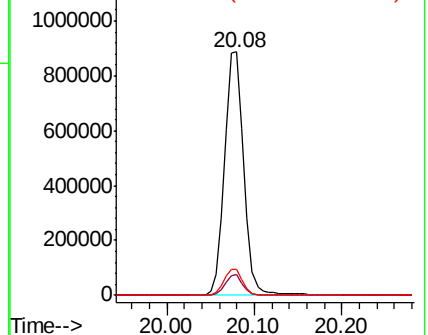
122 10.5 9.0 13.4



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

Perylene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG037789.D

Acq: 3 Nov 2018 13:39

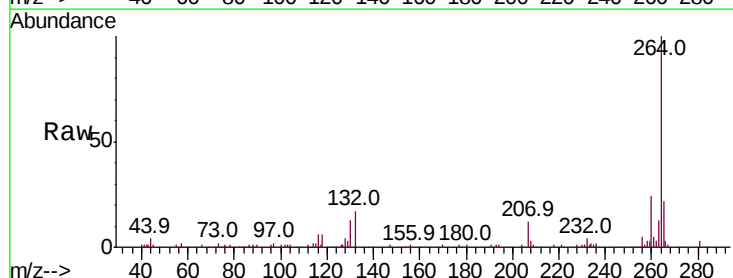
Tgt Ion:264 Resp: 257589

Ion Ratio Lower Upper

264 100

260 23.8 18.2 27.4

265 22.1 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

