

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG022118\  
 Data File : BG032775.D  
 Acq On : 22 Feb 2018 2:15  
 Operator : SJ/JU  
 Sample : J1623-08  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-3-4

Quant Time: Feb 22 07:33:04 2018  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 21 15:45:53 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.93  | 152  | 78785    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.81 | 136  | 335183   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 15.54 | 164  | 188448   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 18.27 | 188  | 418456   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 22.63 | 240  | 397518   | 20.00  | ng    | -0.01    |
| 86) Perylene-d12            | 26.45 | 264  | 424123   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 6.34  | 112  | 620676   | 126.04 | ng    | 0.00     |
| 7) Phenol-d6                | 8.02  | 99   | 751635   | 109.50 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 10.13 | 82   | 505948   | 102.45 | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 17.01 | 330  | 298659   | 150.73 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 14.18 | 172  | 1159445  | 88.74  | ng    | 0.00     |
| 78) Terphenyl-d14           | 20.79 | 244  | 1654234  | 93.50  | ng    | 0.00     |

Target Compounds Qvalue

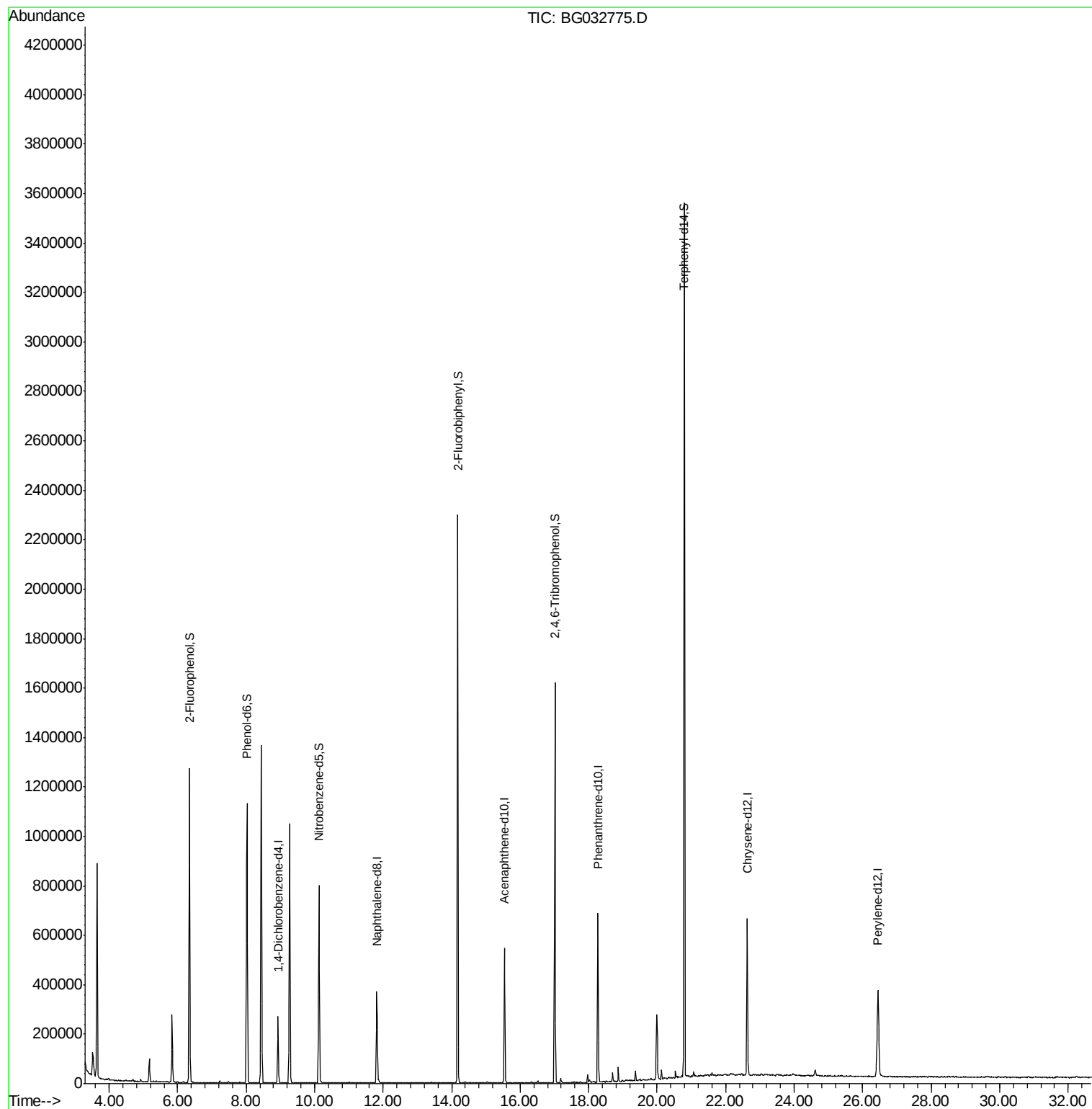
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG022118\  
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Instrument :  
BNA\_G  
ClientSampleId :  
TP-3-4

Quant Time: Feb 22 07:33:04 2018  
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Feb 21 15:45:53 2018  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.93 min Scan# 960

Delta R.T. -0.01 min

Lab File: BG032775.D

Acq: 22 Feb 2018 2:15

Instrument :

BNA\_G

ClientSampled :

TP-3-4

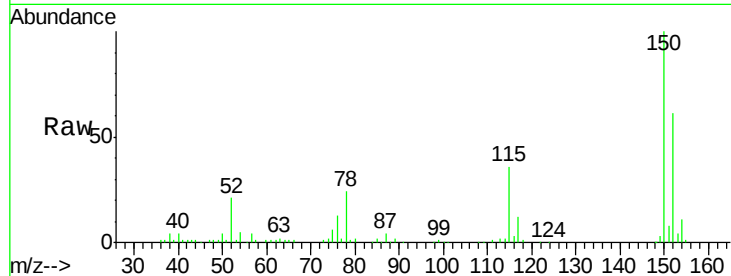
Tot Ion:152 Resp: 78785

Ion Ratio Lower Upper

152 100

150 163.1 126.6 189.8

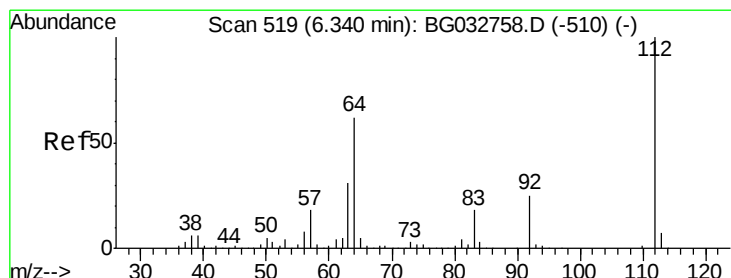
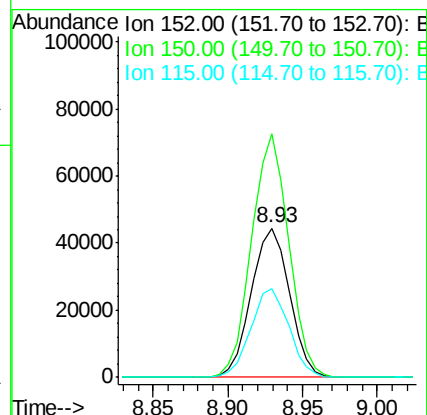
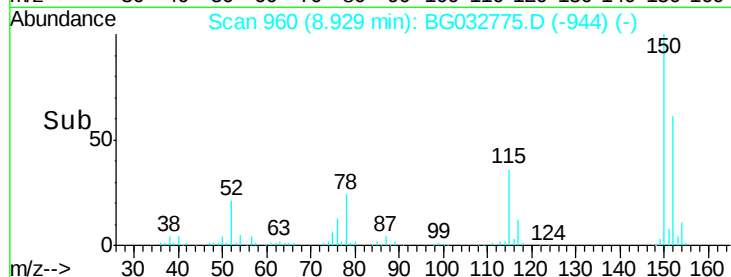
115 59.4 53.0 79.4



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: 126.038 ng

RT: 6.34 min Scan# 520

Delta R.T. 0.00 min

Lab File: BG032775.D

Acq: 22 Feb 2018 2:15

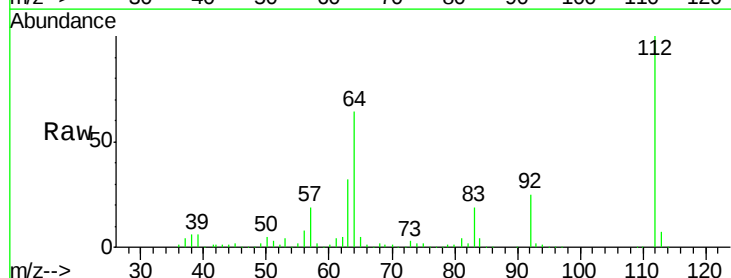
Tgt Ion:112 Resp: 620676

Ion Ratio Lower Upper

112 100

64 63.6 56.3 84.5

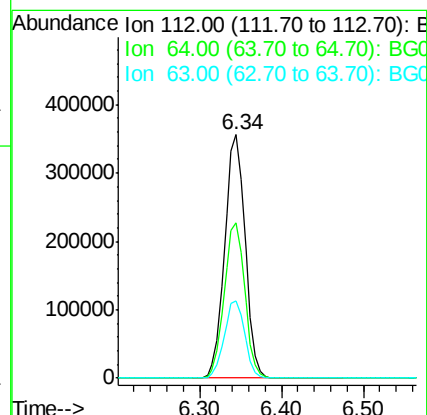
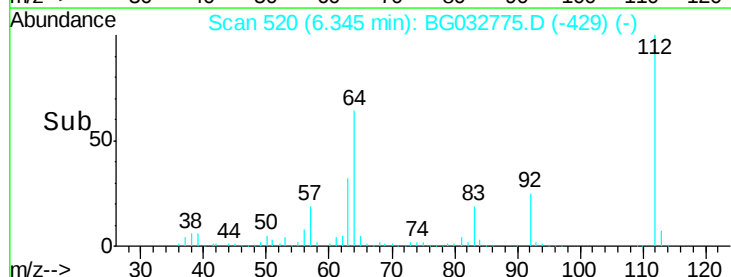
63 31.8 30.1 45.1



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: 109.503 ng

RT: 8.02 min Scan# 806

Delta R.T. -0.00 min

Lab File: BG032775.D

Acq: 22 Feb 2018 2:15

Instrument :

BNA\_G

ClientSampled :

TP-3-4

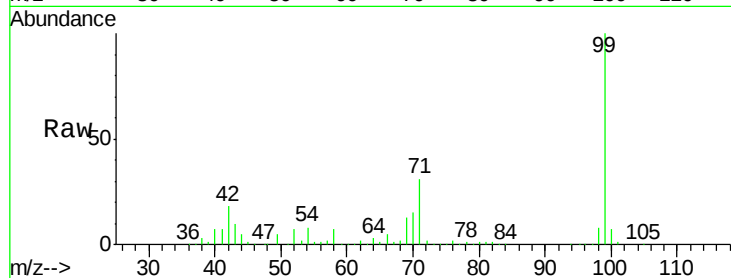
Tot Ion: 99 Resp: 751635

Ion Ratio Lower Upper

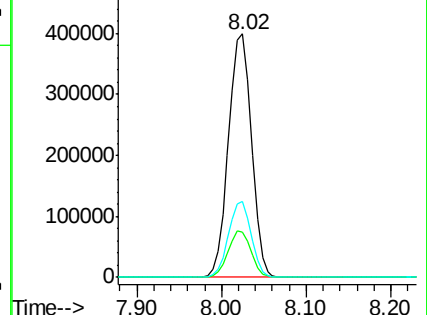
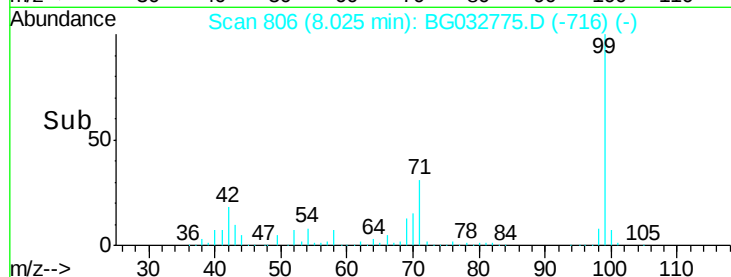
99 100

42 18.4 14.1 21.1

71 31.4 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: 11.81 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BG032775.D

Acq: 22 Feb 2018 2:15

Tgt Ion: 136 Resp: 335183

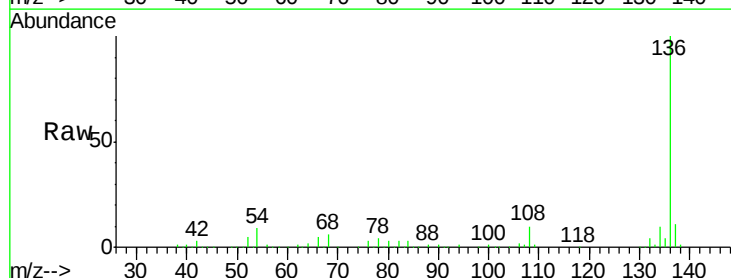
Ion Ratio Lower Upper

136 100

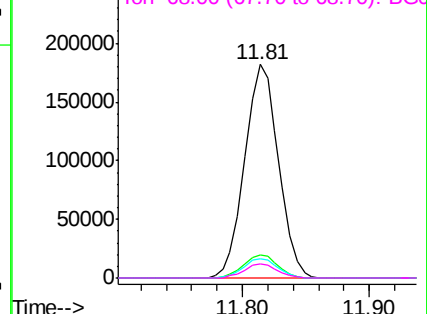
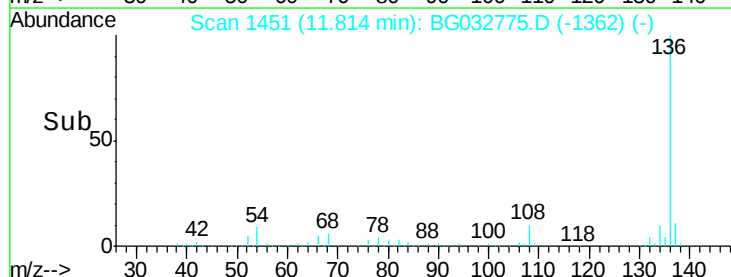
137 11.0 9.2 13.8

54 8.8 10.3 15.5#

68 6.4 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: 102.447 ng

RT: 10.13 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BG032775.D

Acq: 22 Feb 2018 2:15

Instrument :

BNA\_G

ClientSampleId :

TP-3-4

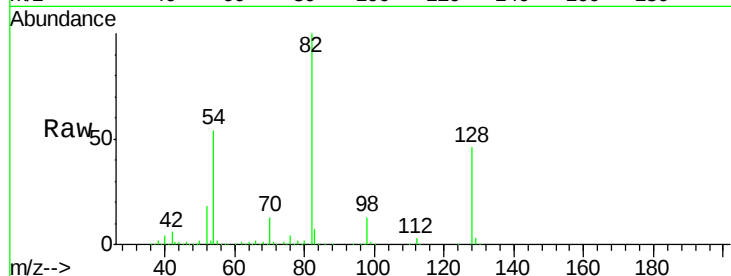
Tot Ion: 82 Resp: 505948

Ion Ratio Lower Upper

82 100

128 46.4 29.7 44.5#

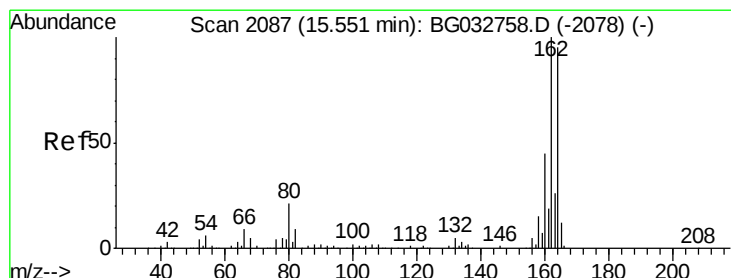
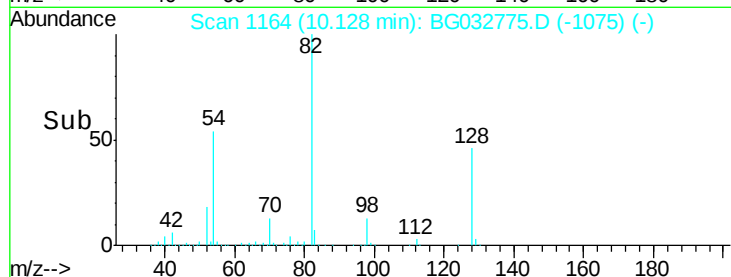
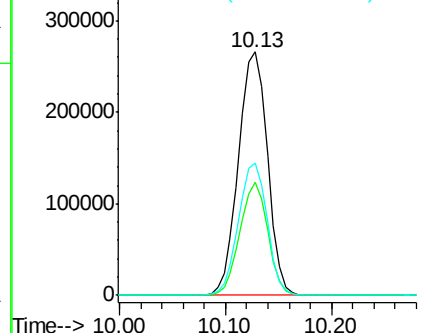
54 54.2 43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BG032775.D (-1157) (-)

Ion 128.00 (127.70 to 128.70): BG032775.D (-1157) (-)

Ion 54.00 (53.70 to 54.70): BG032775.D (-1157) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.54 min Scan# 2086

Delta R.T. -0.01 min

Lab File: BG032775.D

Acq: 22 Feb 2018 2:15

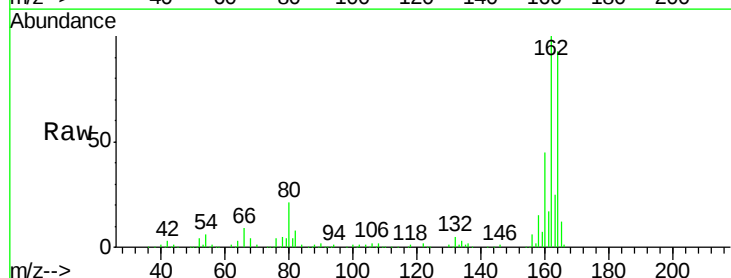
Tgt Ion:164 Resp: 188448

Ion Ratio Lower Upper

164 100

162 107.5 78.8 118.2

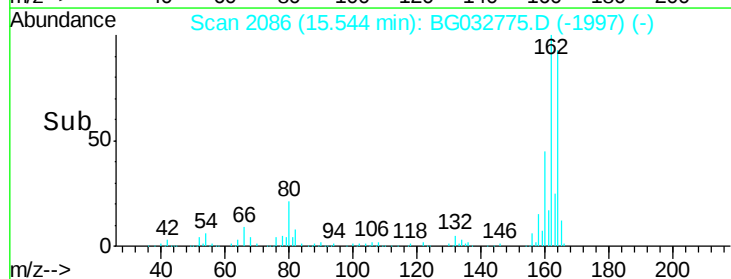
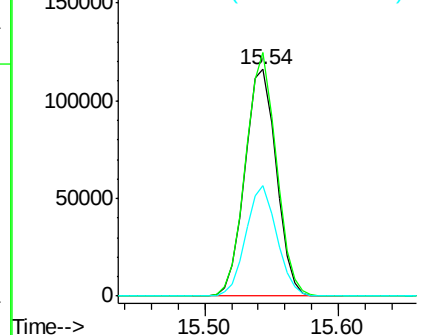
160 48.8 35.4 53.0

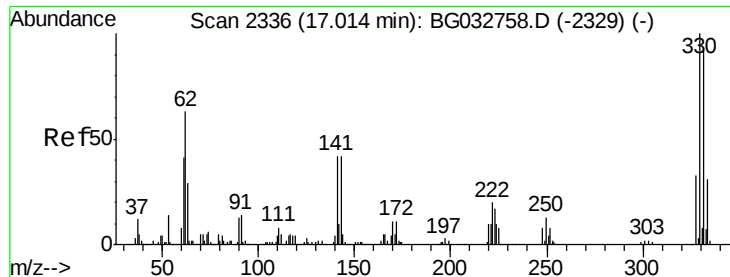


Abundance Ion 164.00 (163.70 to 164.70): BG032775.D (-1997) (-)

Ion 162.00 (161.70 to 162.70): BG032775.D (-1997) (-)

Ion 160.00 (159.70 to 160.70): BG032775.D (-1997) (-)

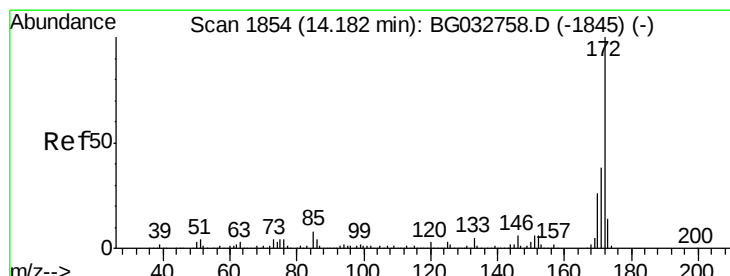
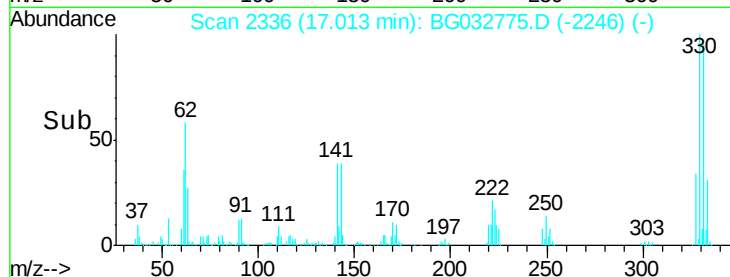
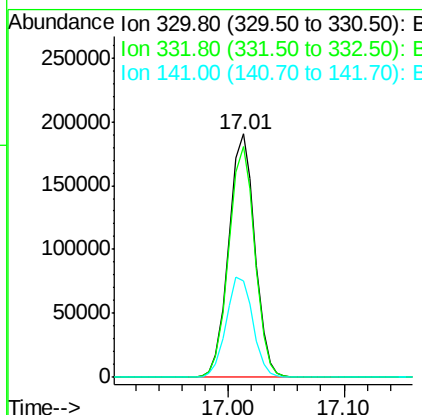
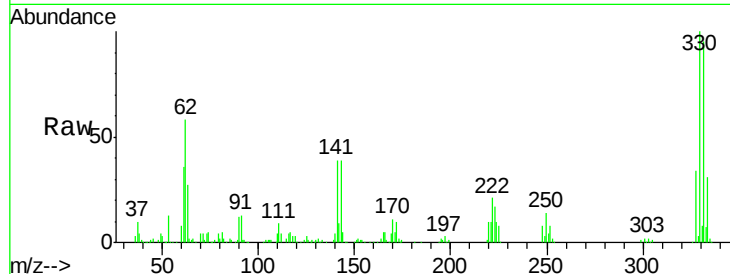




#41  
 2,4,6-Tribromophenol  
 Concen: 150.726 ng  
 RT: 17.01 min Scan# 2336  
 Delta R.T. -0.00 min  
 Lab File: BG032775.D  
 Acq: 22 Feb 2018 2:15

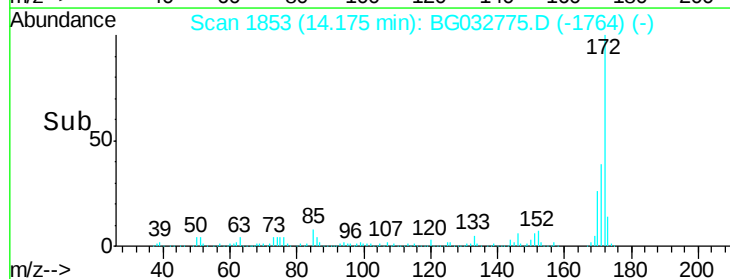
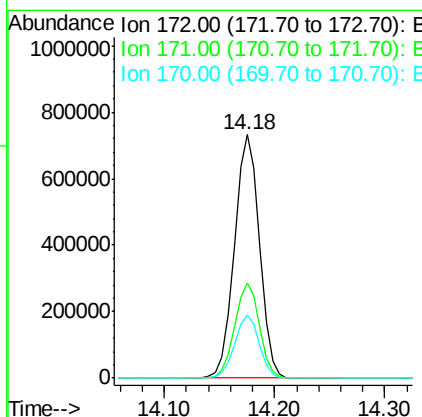
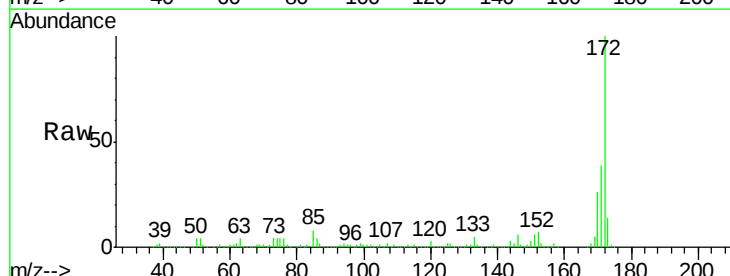
Instrument :  
 BNA\_G  
 ClientSampled :  
 TP-3-4

Tot Ion:330 Resp: 298659  
 Ion Ratio Lower Upper  
 330 100  
 332 94.9 77.0 115.6  
 141 42.0 25.2 37.8#



#44  
 2-Fluorobiphenyl  
 Concen: 88.736 ng  
 RT: 14.18 min Scan# 1853  
 Delta R.T. -0.01 min  
 Lab File: BG032775.D  
 Acq: 22 Feb 2018 2:15

Tgt Ion:172 Resp: 1159445  
 Ion Ratio Lower Upper  
 172 100  
 171 39.3 30.0 45.0  
 170 26.0 19.5 29.3

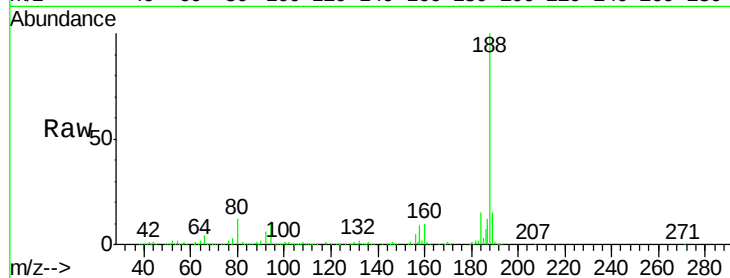




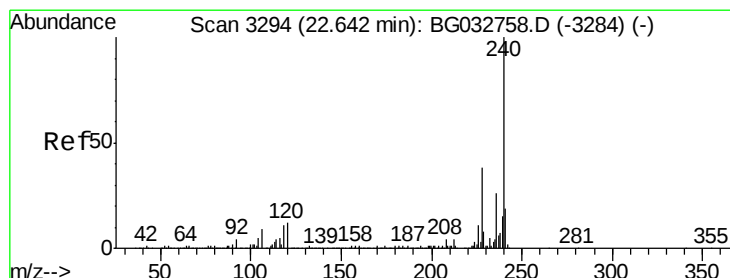
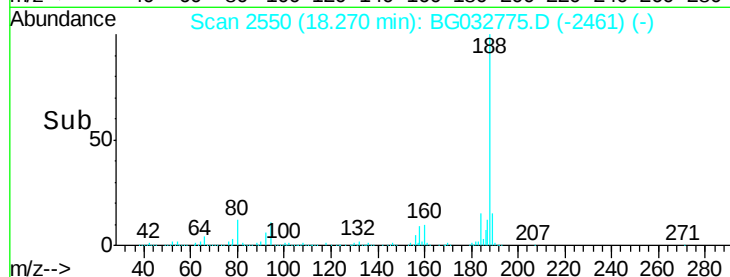
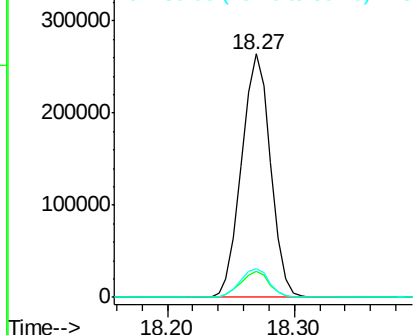
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 18.27 min Scan# 2550  
Delta R.T. -0.01 min  
Lab File: BG032775.D  
Acq: 22 Feb 2018 2:15

Instrument :  
BNA\_G  
ClientSampleId :  
TP-3-4

Tot Ion:188 Resp: 418456  
Ion Ratio Lower Upper  
188 100  
94 10.6 6.9 10.3#  
80 11.7 7.7 11.5#

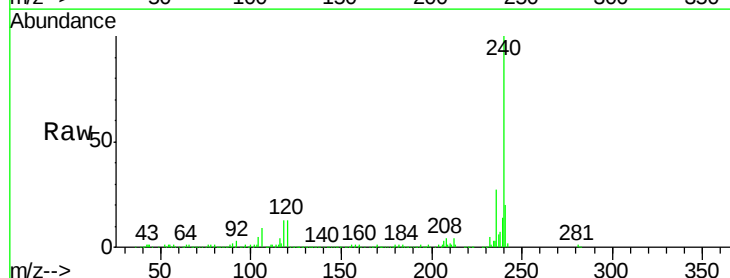


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BGC  
Ion 80.00 (79.70 to 80.70): BGC

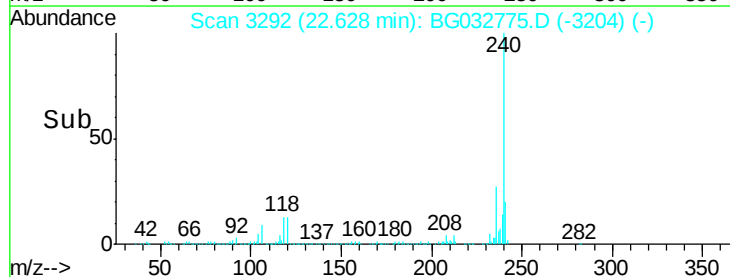
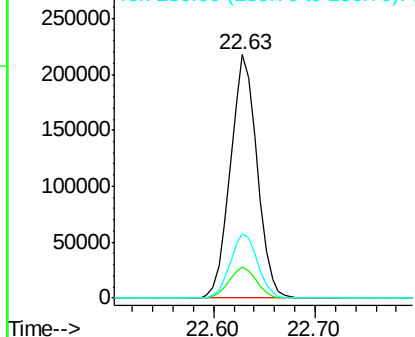


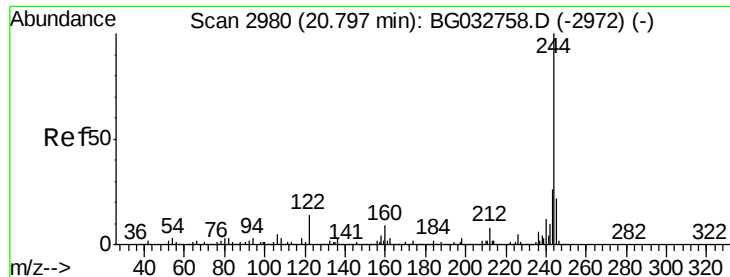
#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 22.63 min Scan# 3292  
Delta R.T. -0.01 min  
Lab File: BG032775.D  
Acq: 22 Feb 2018 2:15

Tgt Ion:240 Resp: 397518  
Ion Ratio Lower Upper  
240 100  
120 13.0 6.8 10.2#  
236 26.7 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: 93.496 ng

RT: 20.79 min Scan# 2979

Delta R.T. -0.01 min

Lab File: BG032775.D

Acq: 22 Feb 2018 2:15

Instrument :

BNA\_G

ClientSampled :

TP-3-4

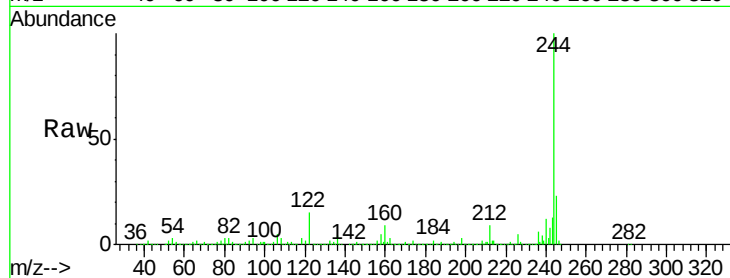
Tot Ion:244 Resp: 1654234

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

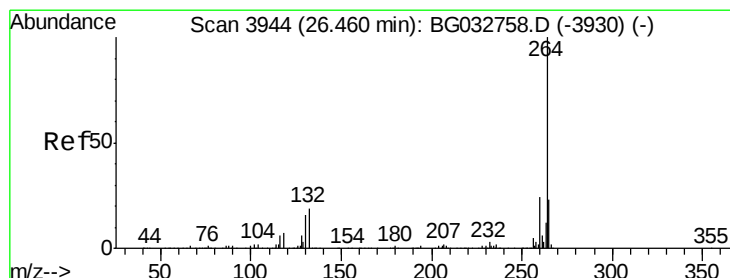
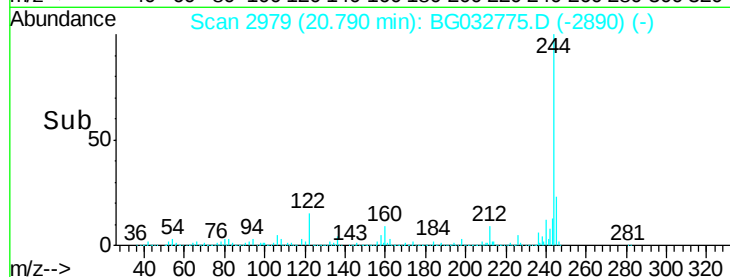
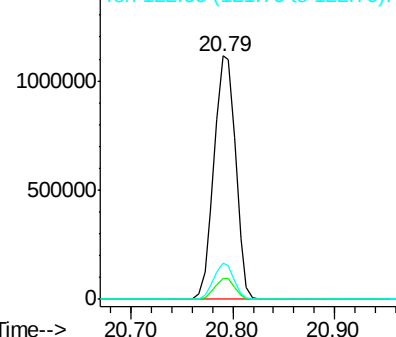
122 15.1 7.0 10.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 26.45 min Scan# 3943

Delta R.T. -0.01 min

Lab File: BG032775.D

Acq: 22 Feb 2018 2:15

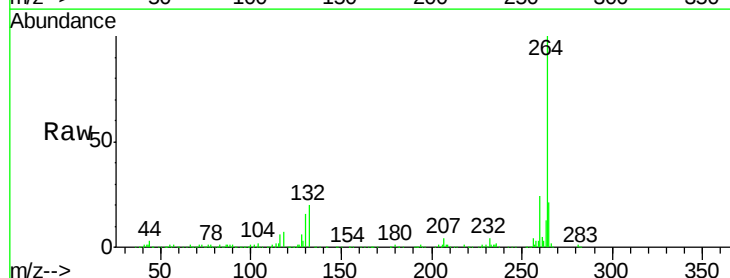
Tgt Ion:264 Resp: 424123

Ion Ratio Lower Upper

264 100

260 23.7 17.4 26.0

265 21.2 17.7 26.5



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

