

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG022118\  
 Data File : BG032763.D  
 Acq On : 21 Feb 2018 17:10  
 Operator : SJ/JU  
 Sample : J1391-02  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 AU-05-022018-A

Quant Time: Feb 22 06:42:56 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

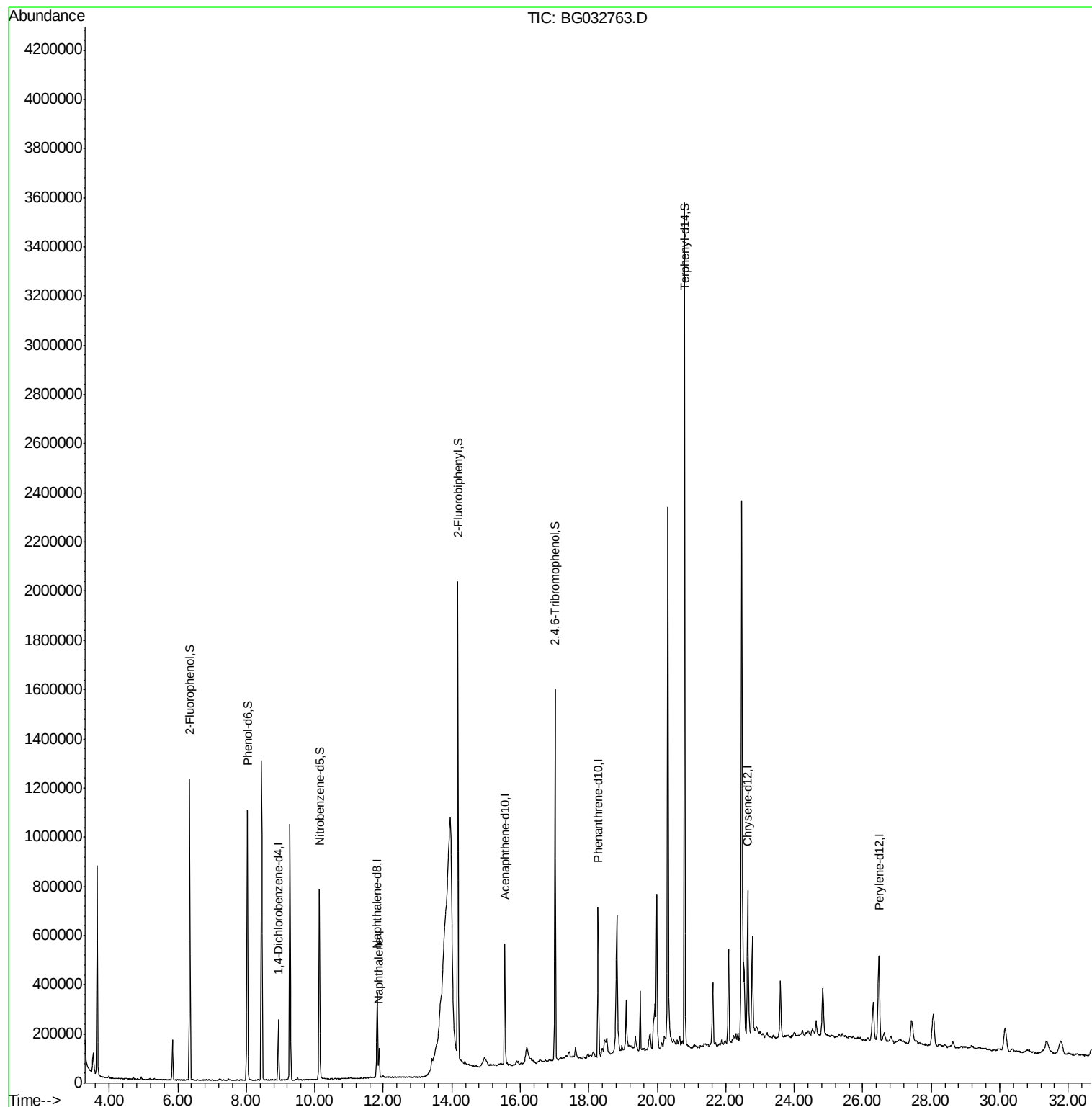
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.94  | 152  | 74030    | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8          | 11.82 | 136  | 320674   | 20.00  | ng    | 0.00      |
| 38) Acenaphthene-d10        | 15.55 | 164  | 173059   | 20.00  | ng    | 0.00      |
| 63) Phenanthrene-d10        | 18.27 | 188  | 383022   | 20.00  | ng    | 0.00      |
| 75) Chrysene-d12            | 22.64 | 240  | 370665   | 20.00  | ng    | 0.00      |
| 86) Perylene-d12            | 26.47 | 264  | 407908   | 20.00  | ng    | 0.01      |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 6.35  | 112  | 608016   | 131.40 | ng    | 0.00      |
| 7) Phenol-d6                | 8.03  | 99   | 719945   | 111.62 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 10.14 | 82   | 474024   | 100.53 | ng    | 0.00      |
| 41) 2,4,6-Tribromophenol    | 17.02 | 330  | 280468   | 154.13 | ng    | 0.00      |
| 44) 2-Fluorobiphenyl        | 14.18 | 172  | 1038038  | 86.51  | ng    | 0.00      |
| 78) Terphenyl-d14           | 20.80 | 244  | 1489525  | 90.29  | ng    | 0.00      |
| Target Compounds            |       |      |          |        |       |           |
| 31) Naphthalene             | 11.88 | 128  | 104756   | 6.252  | ng    | Qvalue 99 |

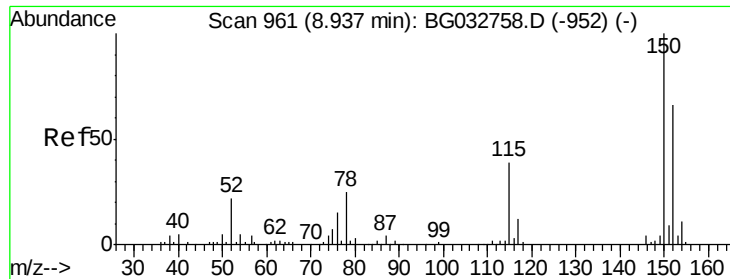
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG022118\  
Data File : BG032763.D  
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Sample : J1391-02  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
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AU-05-022018-A

Quant Time: Feb 22 06:42:56 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



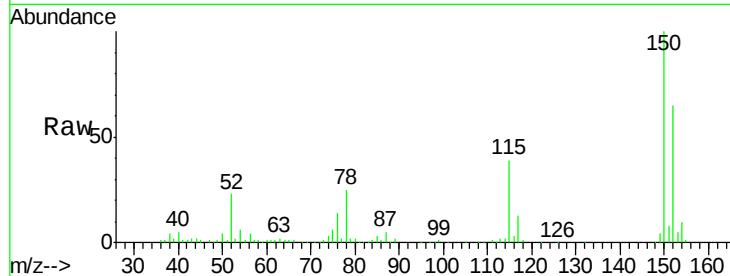


#1

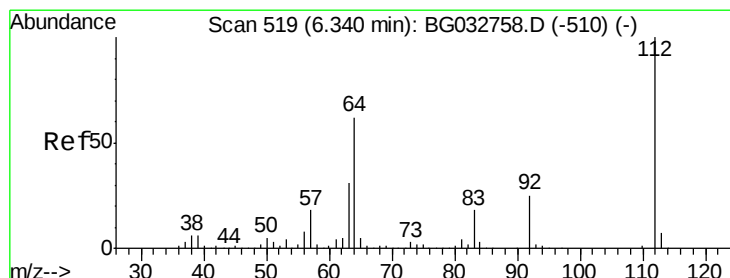
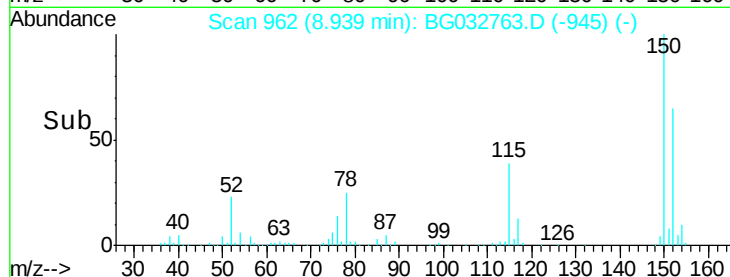
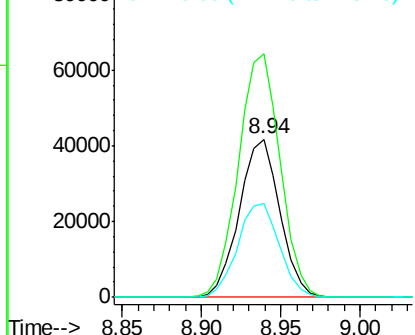
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.94 min Scan# 962  
Delta R.T. 0.00 min  
Lab File: BG032763.D  
Acq: 21 Feb 2018 17:10

Instrument :  
BNA\_G  
ClientSampleId :  
AU-05-022018-A

Tot Ion:152 Resp: 74030  
Ion Ratio Lower Upper  
152 100  
150 154.0 126.6 189.8  
115 59.4 53.0 79.4



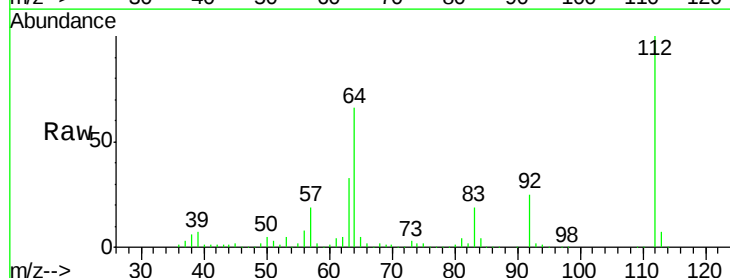
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



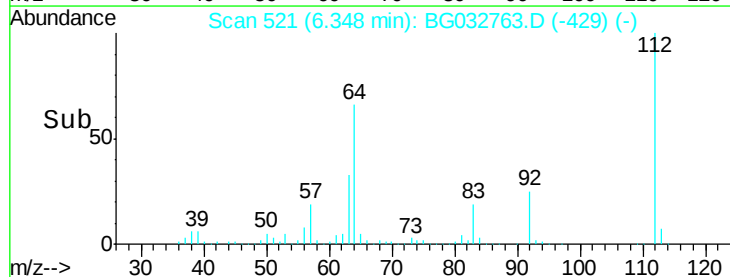
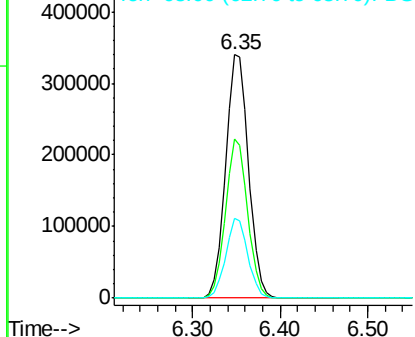
#5

2-Fluorophenol  
Concen: 131.398 ng  
RT: 6.35 min Scan# 521  
Delta R.T. 0.01 min  
Lab File: BG032763.D  
Acq: 21 Feb 2018 17:10

Tgt Ion:112 Resp: 608016  
Ion Ratio Lower Upper  
112 100  
64 65.5 56.3 84.5  
63 32.7 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: 111.623 ng

RT: 8.03 min Scan# 808

Delta R.T. 0.01 min

Lab File: BG032763.D

Acq: 21 Feb 2018 17:10

Instrument :

BNA\_G

ClientSampleId :

AU-05-022018-A

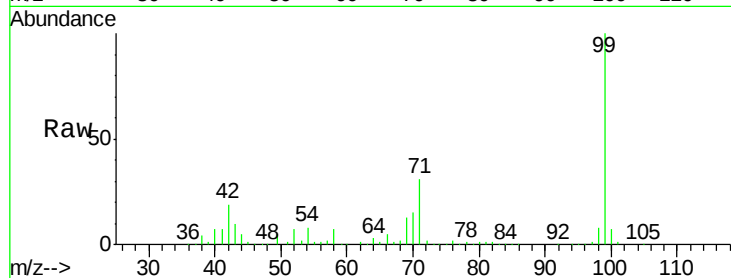
Tot Ion: 99 Resp: 719945

Ion Ratio Lower Upper

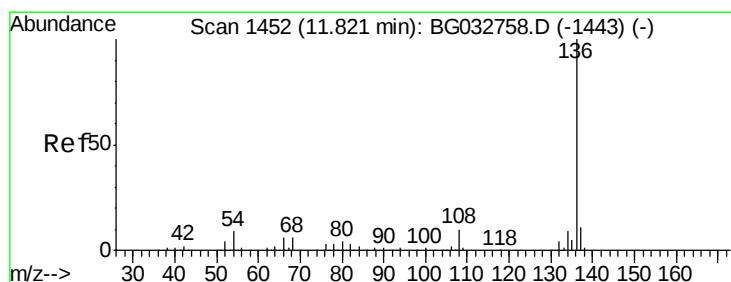
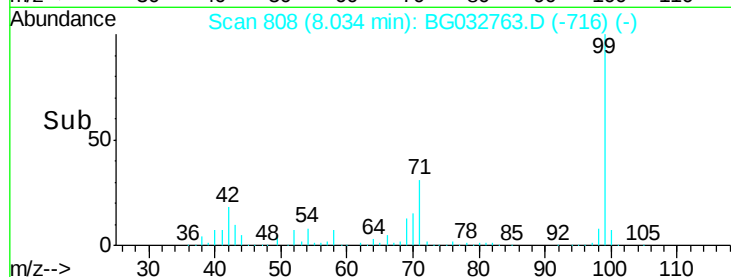
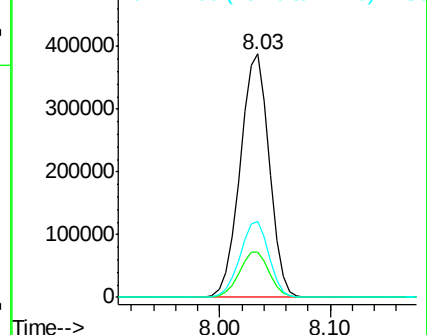
99 100

42 18.6 14.1 21.1

71 31.3 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: 11.82 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BG032763.D

Acq: 21 Feb 2018 17:10

Tgt Ion: 136 Resp: 320674

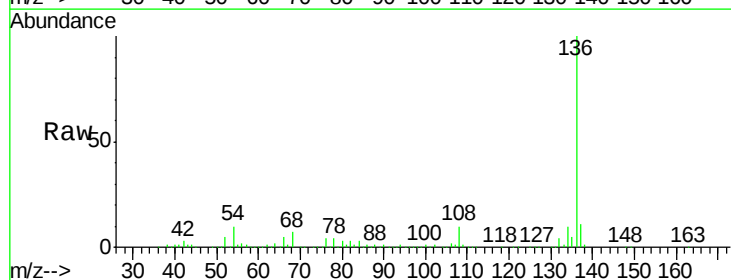
Ion Ratio Lower Upper

136 100

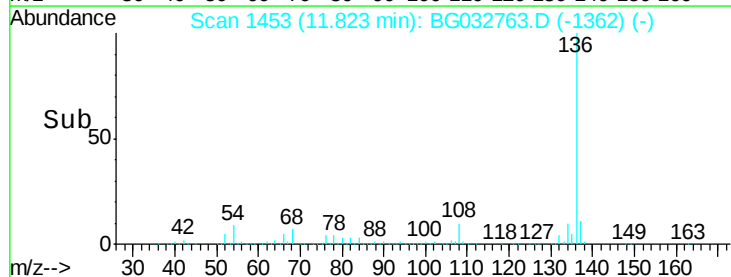
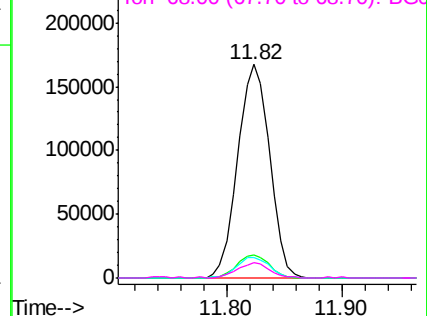
137 11.1 9.2 13.8

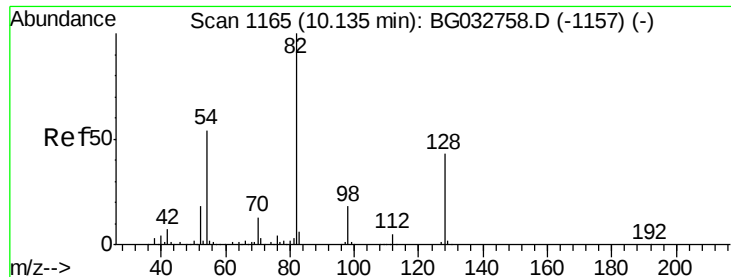
54 9.5 10.3 15.5#

68 6.9 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

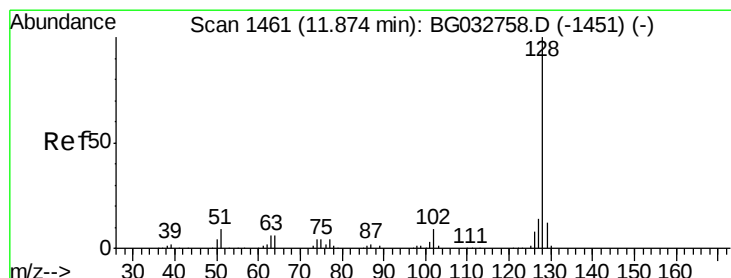
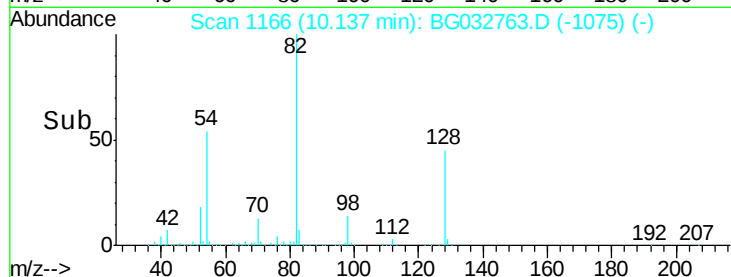
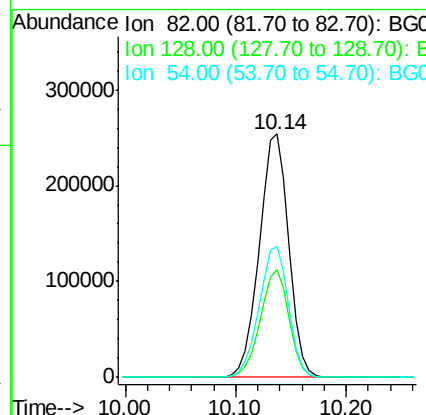
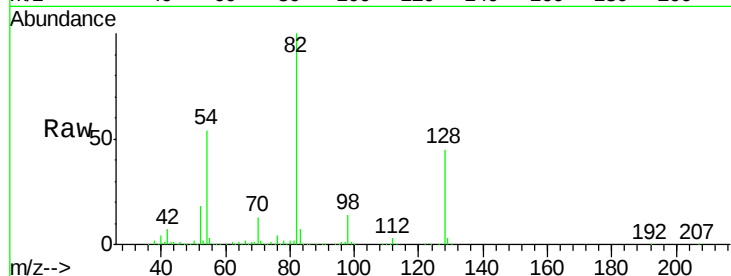




#23  
 Nitrobenzene-d5  
 Concen: 100.530 ng  
 RT: 10.14 min Scan# 1166  
 Delta R.T. 0.00 min  
 Lab File: BG032763.D  
 Acq: 21 Feb 2018 17:10

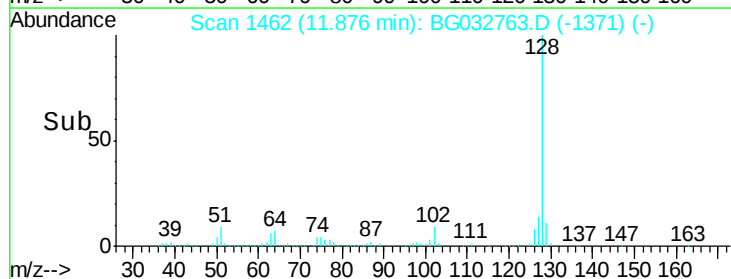
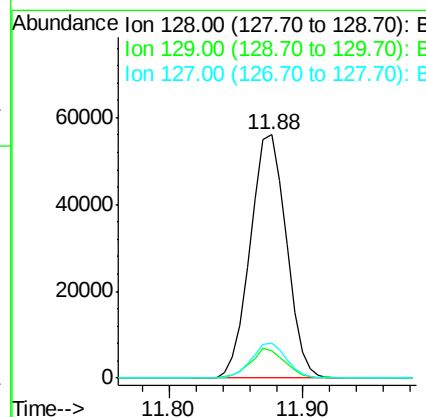
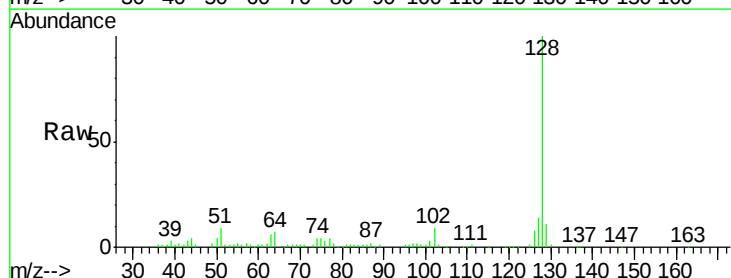
Instrument :  
 BNA\_G  
 ClientSampleId :  
 AU-05-022018-A

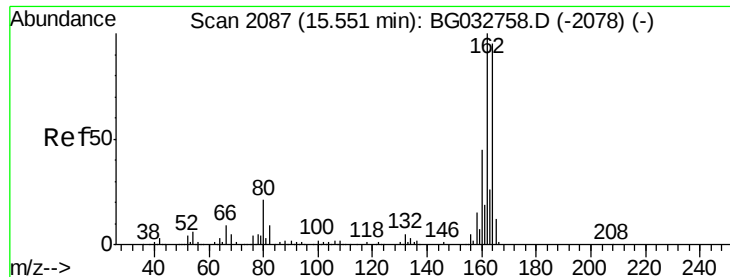
Tot Ion: 82 Resp: 474024  
 Ion Ratio Lower Upper  
 82 100  
 128 44.6 29.7 44.5#  
 54 53.7 43.1 64.7



#31  
 Naphthalene  
 Concen: 6.252 ng  
 RT: 11.88 min Scan# 1462  
 Delta R.T. 0.00 min  
 Lab File: BG032763.D  
 Acq: 21 Feb 2018 17:10

Tgt Ion: 128 Resp: 104756  
 Ion Ratio Lower Upper  
 128 100  
 129 11.2 8.6 12.8  
 127 14.3 11.6 17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.55 min Scan# 2087

Delta R.T. -0.00 min

Lab File: BG032763.D

Acq: 21 Feb 2018 17:10

Instrument :

BNA\_G

ClientSampleId :

AU-05-022018-A

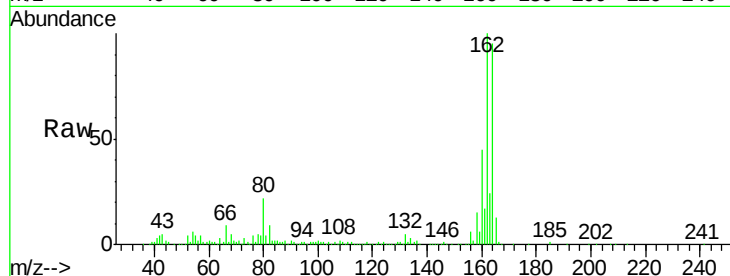
Tot Ion:164 Resp: 173059

Ion Ratio Lower Upper

164 100

162 104.9 78.8 118.2

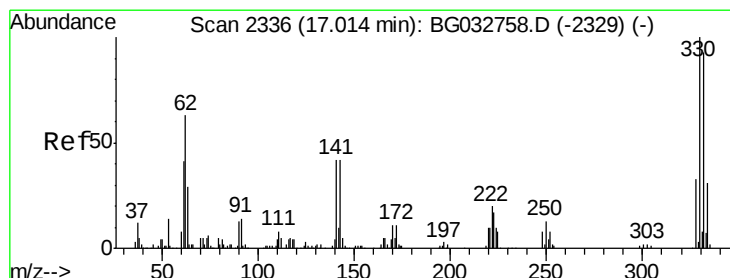
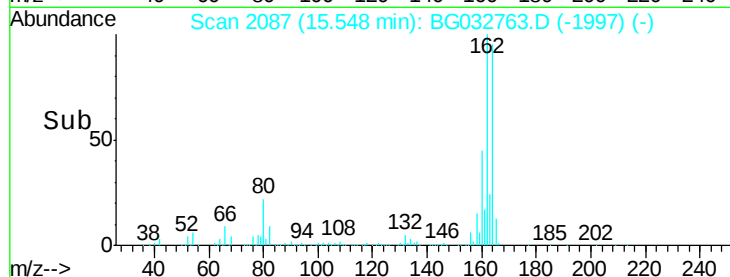
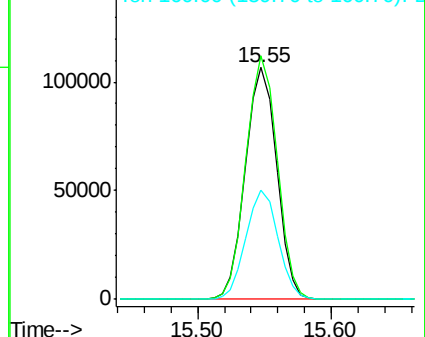
160 47.3 35.4 53.0



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



#41

2,4,6-Tribromophenol

Concen: 154.132 ng

RT: 17.02 min Scan# 2337

Delta R.T. 0.00 min

Lab File: BG032763.D

Acq: 21 Feb 2018 17:10

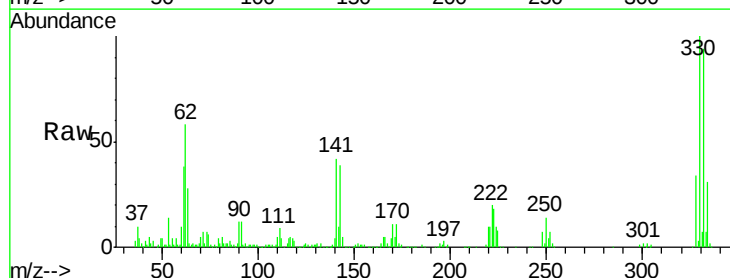
Tgt Ion:330 Resp: 280468

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

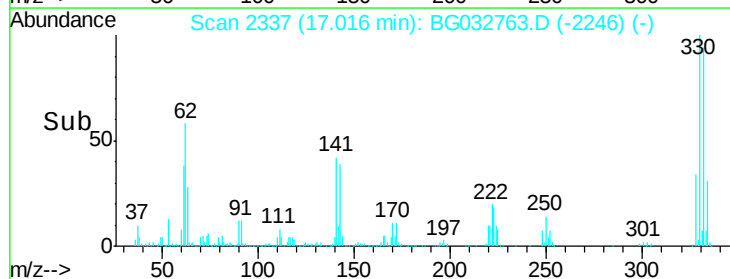
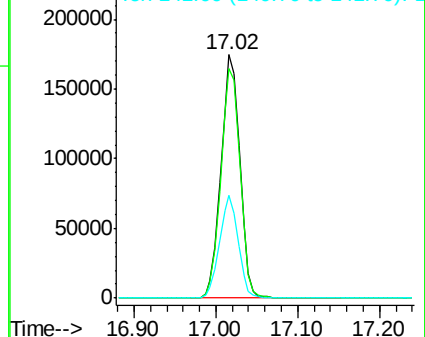
141 41.6 25.2 37.8#

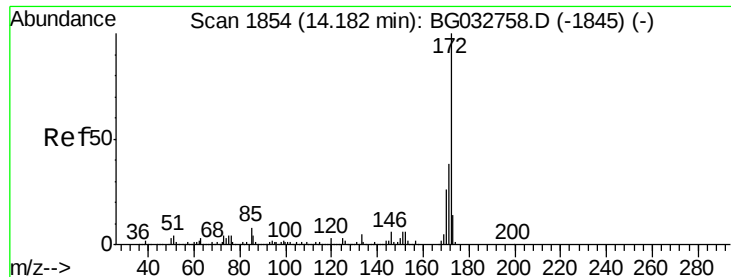


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

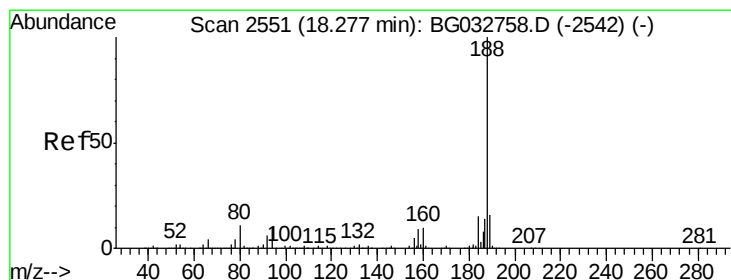
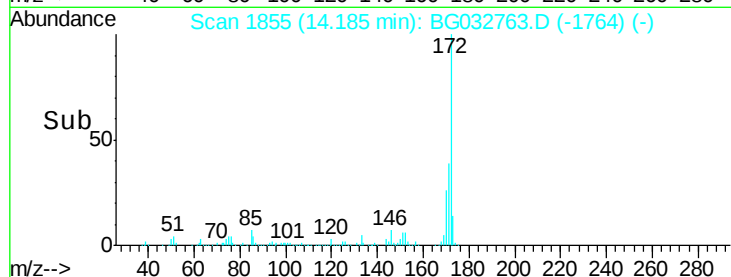
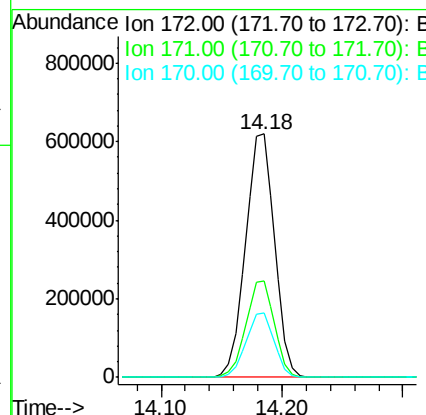
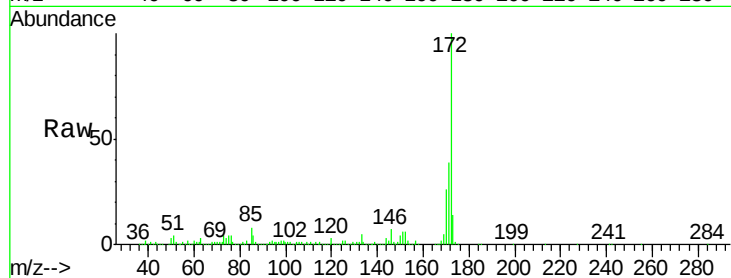




#44  
 2-Fluorobiphenyl  
 Concen: 86.509 ng  
 RT: 14.18 min Scan# 1855  
 Delta R.T. 0.00 min  
 Lab File: BG032763.D  
 Acq: 21 Feb 2018 17:10

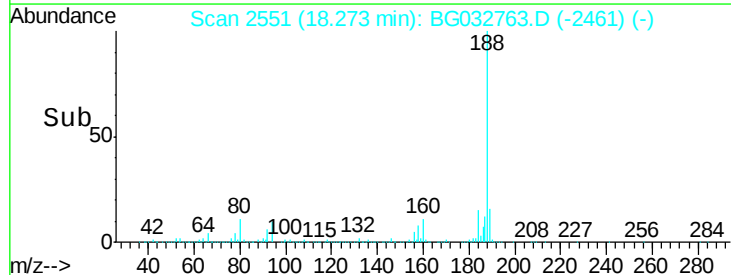
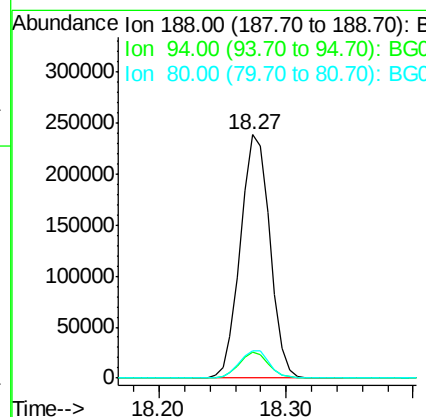
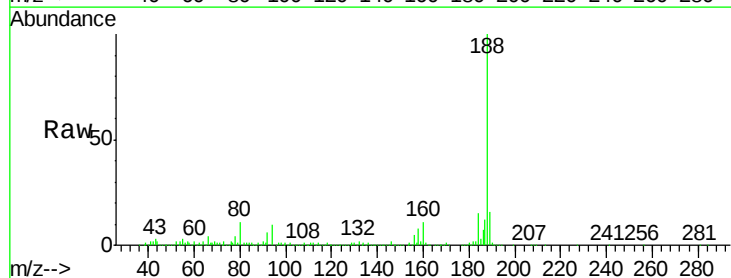
Instrument :  
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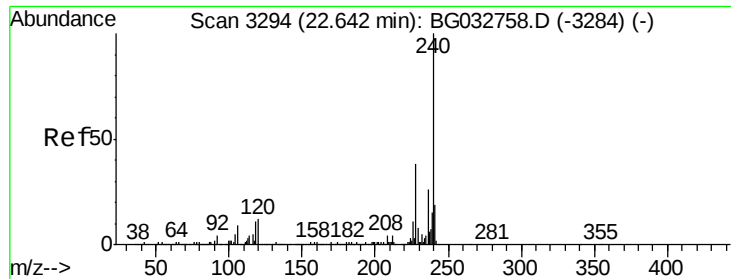
Tot Ion:172 Resp: 1038038  
 Ion Ratio Lower Upper  
 172 100  
 171 39.4 30.0 45.0  
 170 26.4 19.5 29.3



#63  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 18.27 min Scan# 2551  
 Delta R.T. -0.00 min  
 Lab File: BG032763.D  
 Acq: 21 Feb 2018 17:10

Tgt Ion:188 Resp: 383022  
 Ion Ratio Lower Upper  
 188 100  
 94 10.5 6.9 10.3#  
 80 11.3 7.7 11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.64 min Scan# 3294

Delta R.T. -0.00 min

Lab File: BG032763.D

Acq: 21 Feb 2018 17:10

Instrument :

BNA\_G

ClientSampleId :

AU-05-022018-A

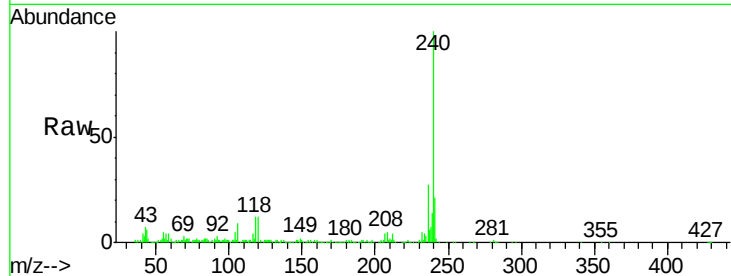
Tot Ion:240 Resp: 370665

Ion Ratio Lower Upper

240 100

120 12.4 6.8 10.2#

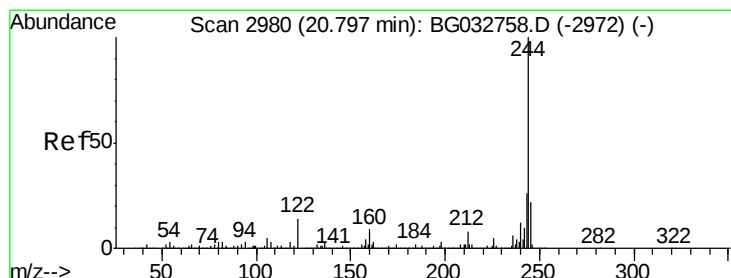
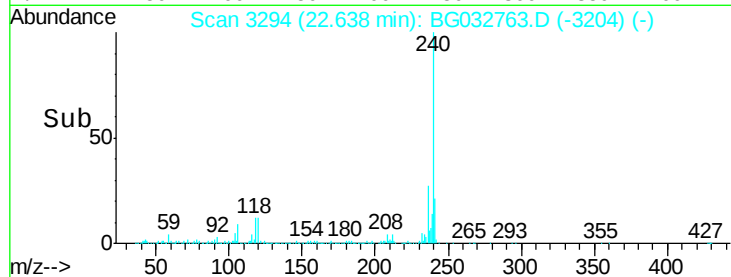
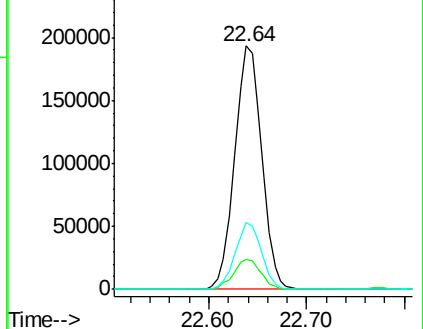
236 27.5 20.9 31.3



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: 90.285 ng

RT: 20.80 min Scan# 2981

Delta R.T. 0.00 min

Lab File: BG032763.D

Acq: 21 Feb 2018 17:10

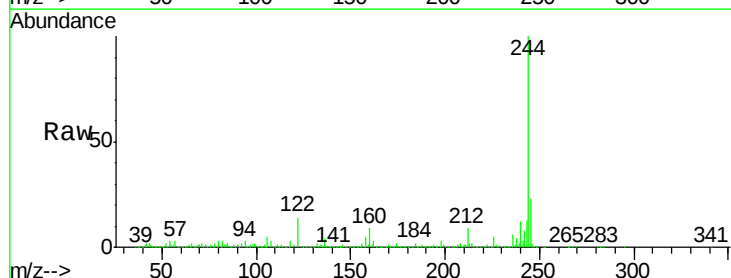
Tgt Ion:244 Resp: 1489525

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

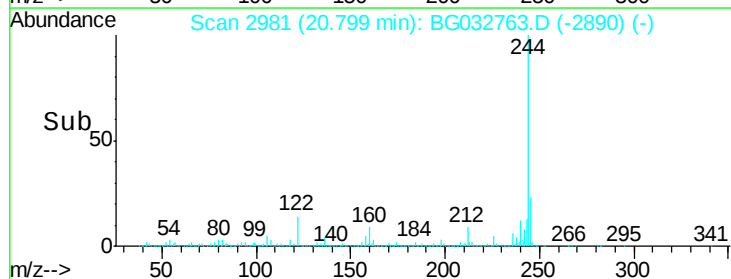
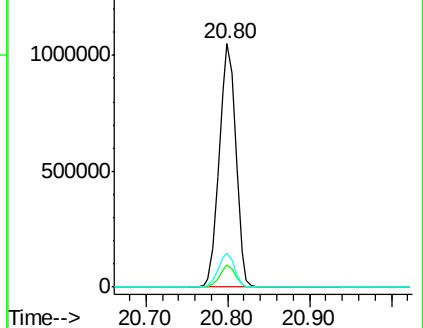
122 14.0 7.0 10.4#

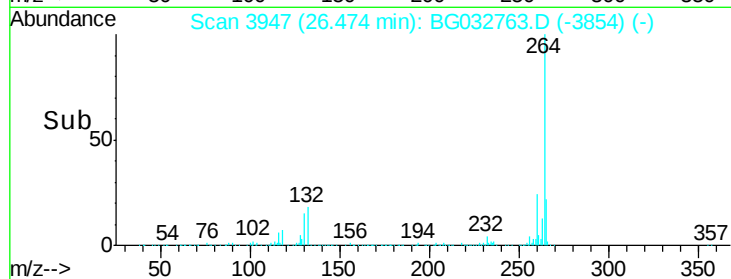
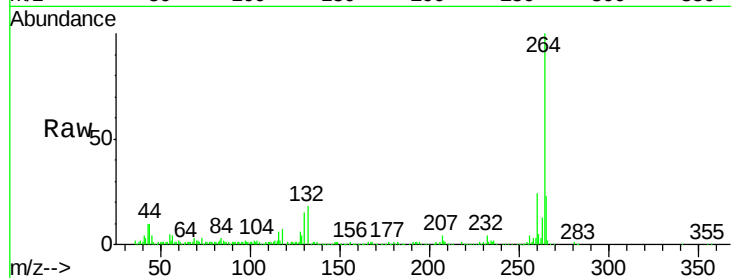
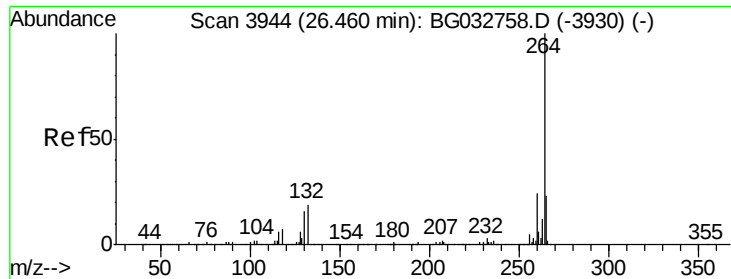


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 26.47 min Scan# 3947

Delta R.T. 0.01 min

Lab File: BG032763.D

Acq: 21 Feb 2018 17:10

Instrument :

BNA\_G

ClientSampleId :

AU-05-022018-A

Tot Ion: 264 Resp: 407908

Ion Ratio Lower Upper

264 100

260 23.8 17.4 26.0

265 22.6 17.7 26.5

