

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062016\
 Data File : BG022459.D
 Acq On : 21 Jun 2016 3:01
 Operator : UM/SJ
 Sample : H3679-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-35

Quant Time: Jun 21 03:40:57 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 21 03:17:27 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	21264	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	105570	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	67279	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	142156	20.00	ng	0.00
75) Chrysene-d12	21.64	240	115260	20.00	ng	0.00
86) Perylene-d12	24.85	264	99261	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	80900	73.56	ng	0.00
7) Phenol-d6	7.18	99	73605	42.57	ng	0.00
23) Nitrobenzene-d5	9.17	82	142431	94.06	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	83006	109.19	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	387203	87.71	ng	0.00
78) Terphenyl-d14	19.98	244	431893	88.96	ng	0.00

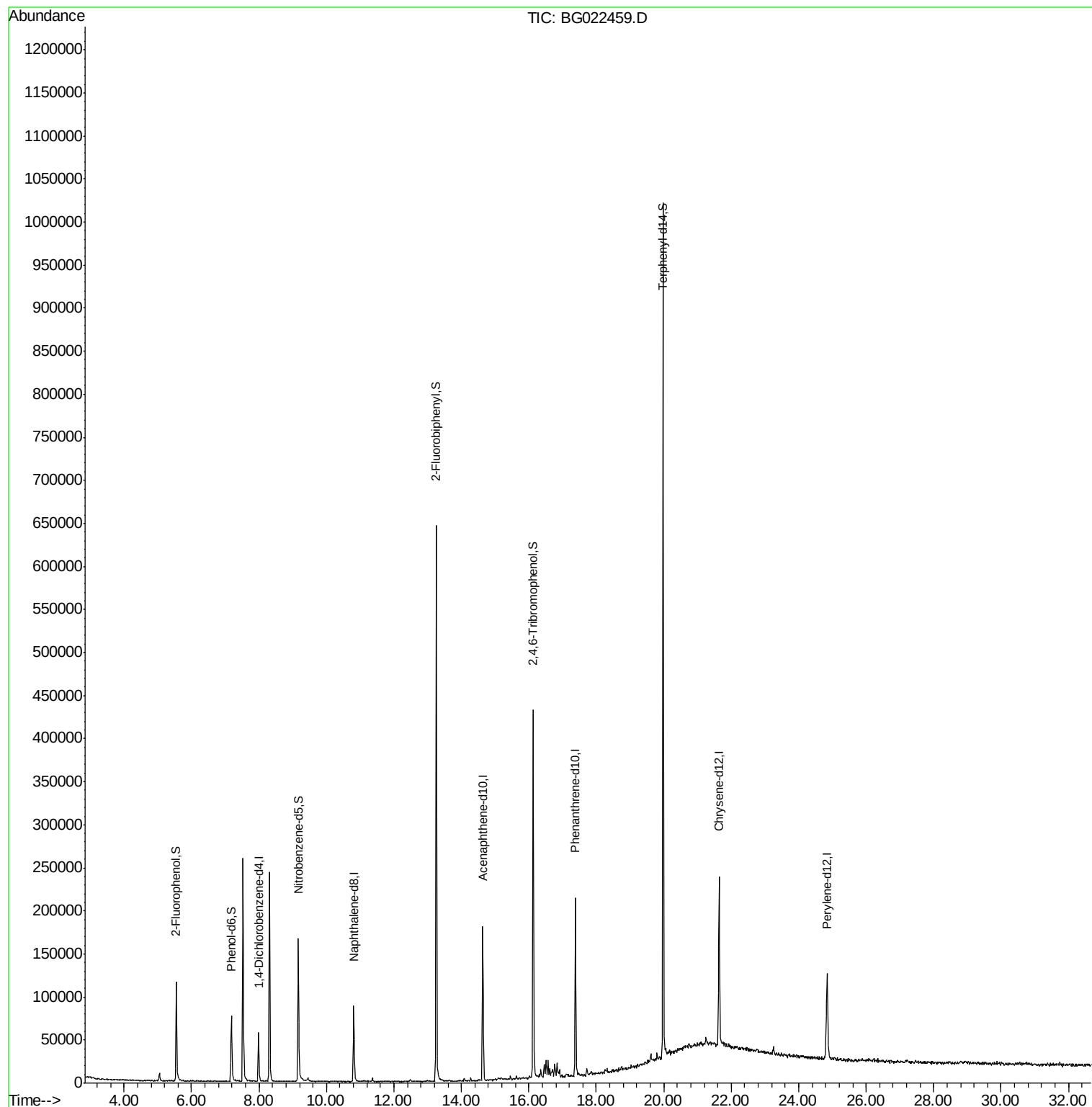
Target Compounds	Qvalue
------------------	--------

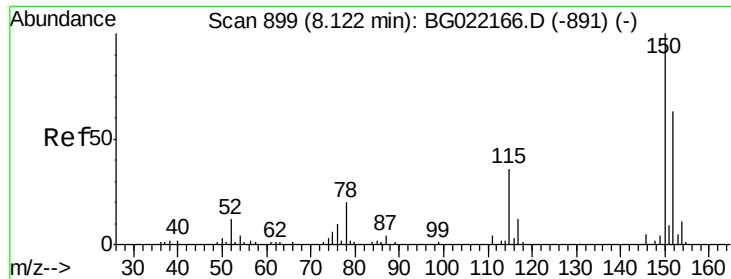
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062016\
Data File : BG022459.D
Acq On : 21 Jun 2016 3:01
Operator : UM/SJ
Sample : H3679-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
W-35

Quant Time: Jun 21 03:40:57 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 21 03:17:27 2016
Response via : Initial Calibration

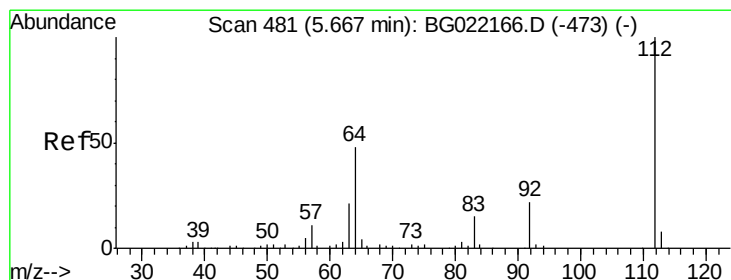
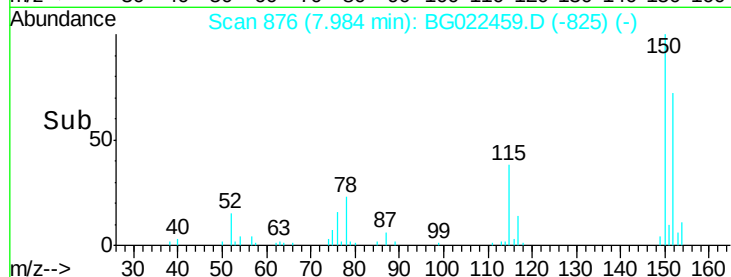
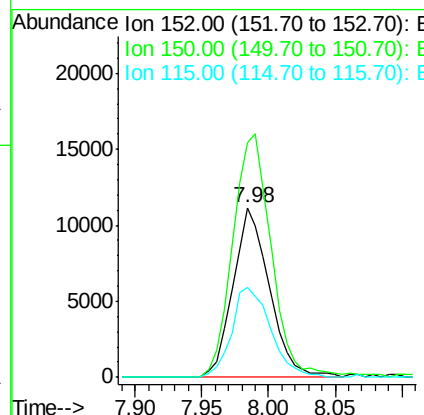
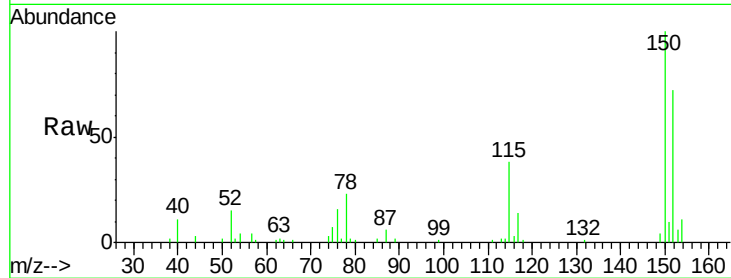




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.98 min Scan# 876
 Delta R.T. -0.00 min
 Lab File: BG022459.D
 Acq: 21 Jun 2016 3:01

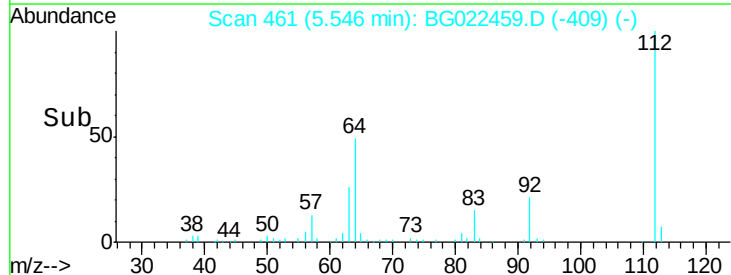
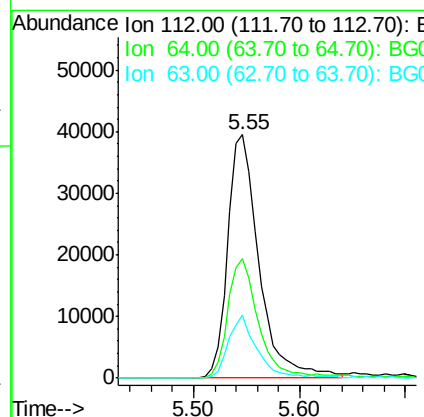
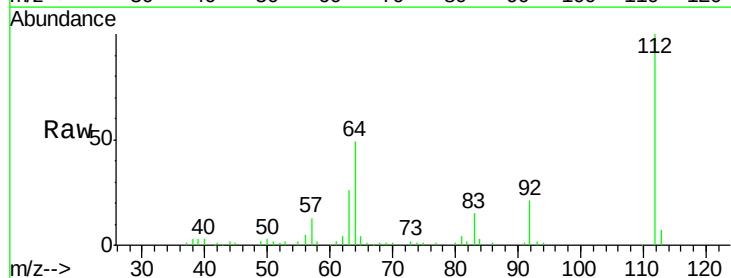
Instrument :
 BNA_G
 ClientSampleId :
 W-35

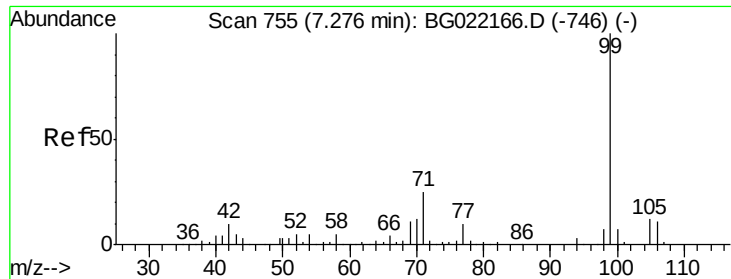
Tgt Ion:152 Resp: 21264
 Ion Ratio Lower Upper
 152 100
 150 138.1 130.1 195.1
 115 52.9 62.2 93.2#



#5
 2-Fluorophenol
 Concen: 73.56 ng
 RT: 5.55 min Scan# 461
 Delta R.T. 0.00 min
 Lab File: BG022459.D
 Acq: 21 Jun 2016 3:01

Tgt Ion:112 Resp: 80900
 Ion Ratio Lower Upper
 112 100
 64 49.1 51.1 76.7#
 63 25.8 24.6 37.0





#7

Phenol-d6

Concen: 42.57 ng

RT: 7.18 min Scan# 739

Delta R.T. 0.00 min

Lab File: BG022459.D

Acq: 21 Jun 2016 3:01

Instrument :

BNA_G

ClientSampleId :

W-35

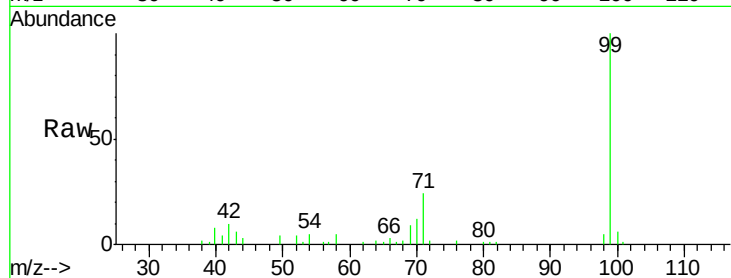
Tgt Ion: 99 Resp: 73605

Ion Ratio Lower Upper

99 100

42 9.7 16.4 24.6#

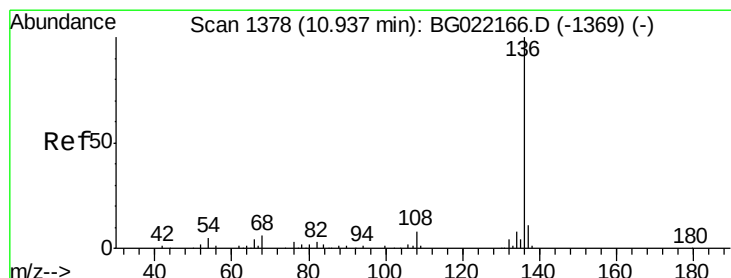
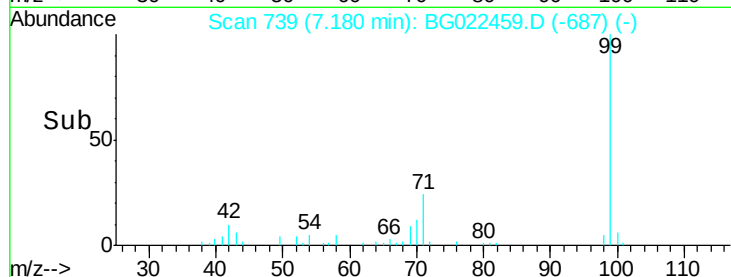
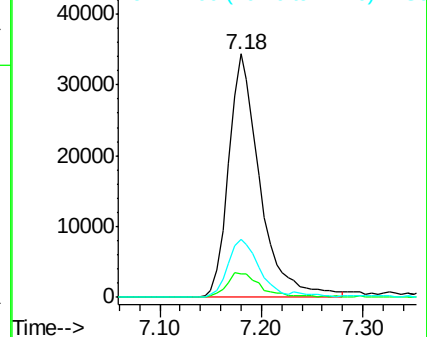
71 24.0 25.0 37.4#



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: 10.80 min Scan# 1356

Delta R.T. -0.00 min

Lab File: BG022459.D

Acq: 21 Jun 2016 3:01

Tgt Ion: 136 Resp: 105570

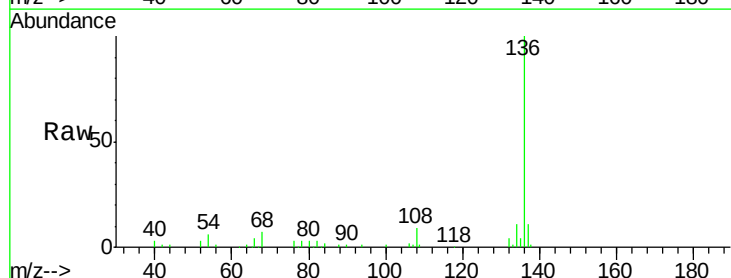
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 6.1 9.6 14.4#

68 6.8 6.4 9.6

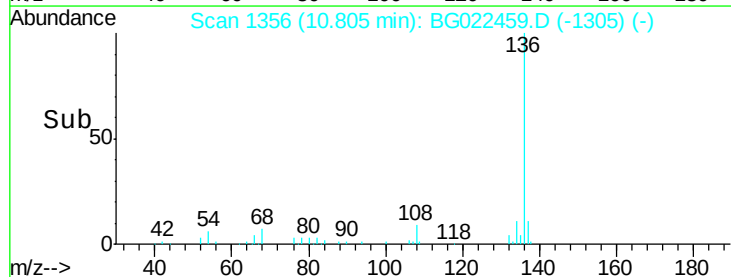
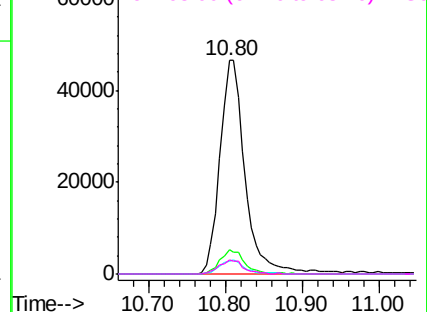


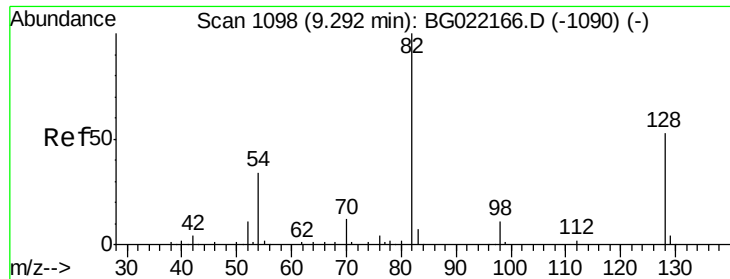
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

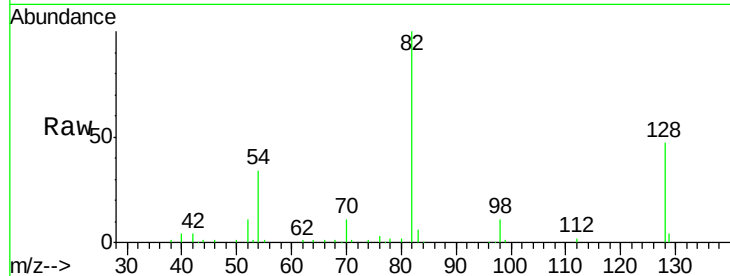




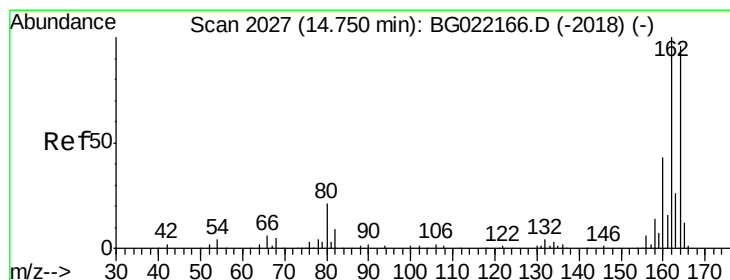
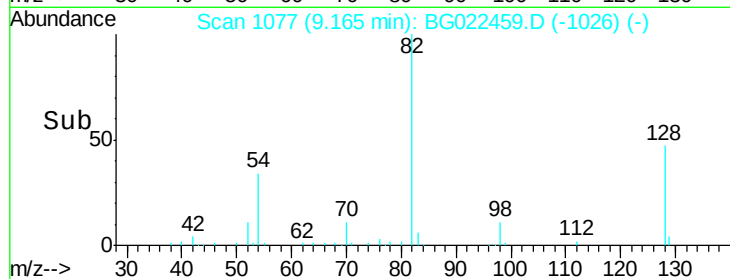
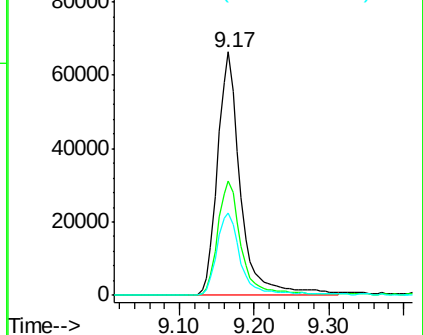
#23
 Nitrobenzene-d5
 Concen: 94.06 ng
 RT: 9.17 min Scan# 1077
 Delta R.T. -0.00 min
 Lab File: BG022459.D
 Acq: 21 Jun 2016 3:01

Instrument :
 BNA_G
 ClientSampled :
 W-35

Tgt Ion: 82 Resp: 142431
 Ion Ratio Lower Upper
 82 100
 128 47.0 33.4 50.0
 54 33.8 46.1 69.1#

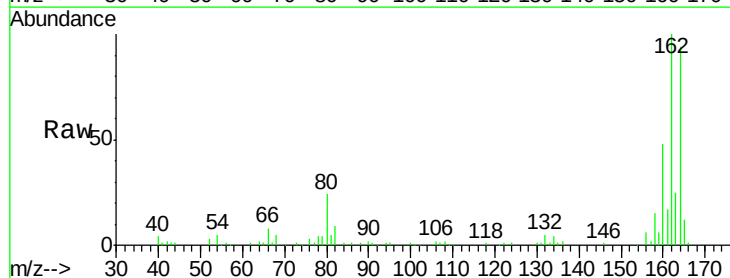


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

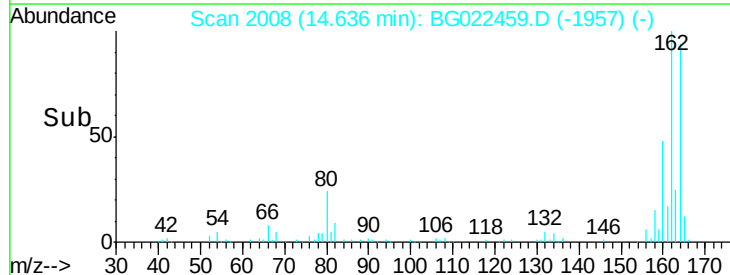
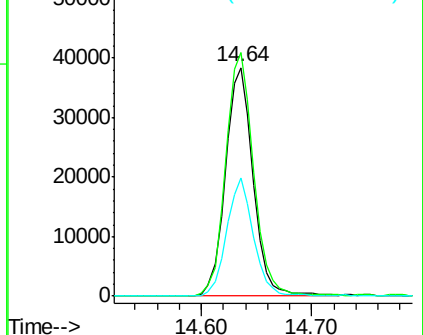


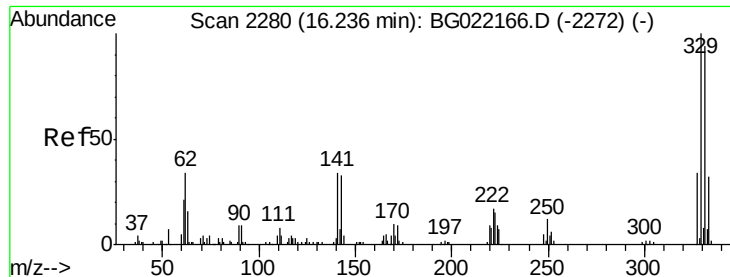
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.64 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BG022459.D
 Acq: 21 Jun 2016 3:01

Tgt Ion: 164 Resp: 67279
 Ion Ratio Lower Upper
 164 100
 162 106.4 78.0 117.0
 160 51.5 32.9 49.3#



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





#41

2,4,6-Tribromophenol

Concen: 109.19 ng

RT: 16.13 min Scan# 2262

Delta R.T. -0.00 min

Lab File: BG022459.D

Acq: 21 Jun 2016 3:01

Instrument :

BNA_G

ClientSampleId :

W-35

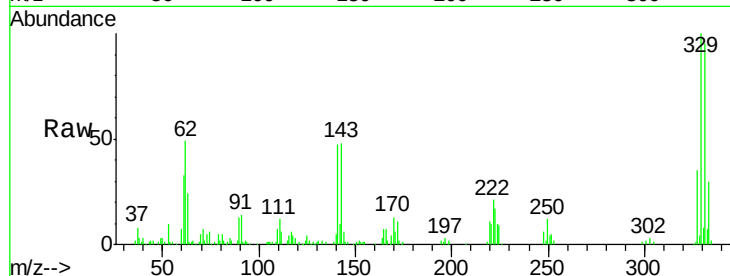
Tgt Ion:330 Resp: 83006

Ion Ratio Lower Upper

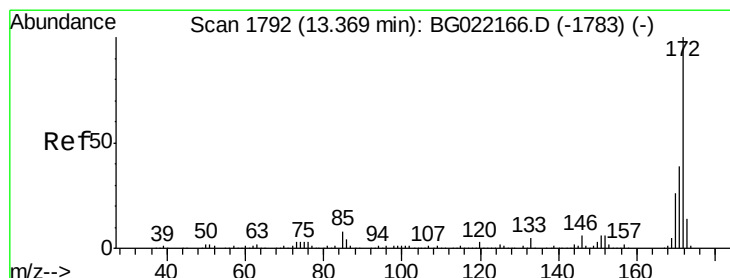
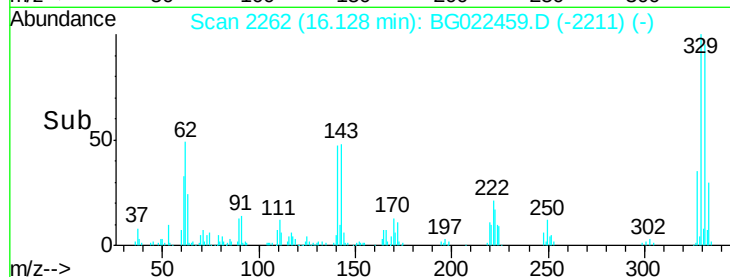
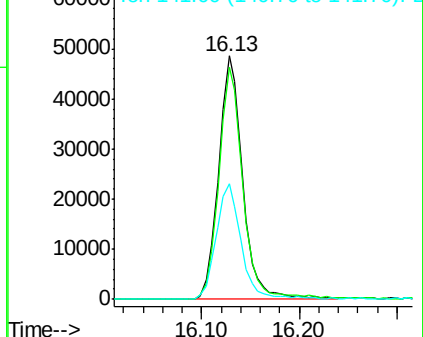
330 100

332 94.4 78.0 117.0

141 49.3 33.8 50.8



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: 87.71 ng

RT: 13.25 min Scan# 1773

Delta R.T. 0.00 min

Lab File: BG022459.D

Acq: 21 Jun 2016 3:01

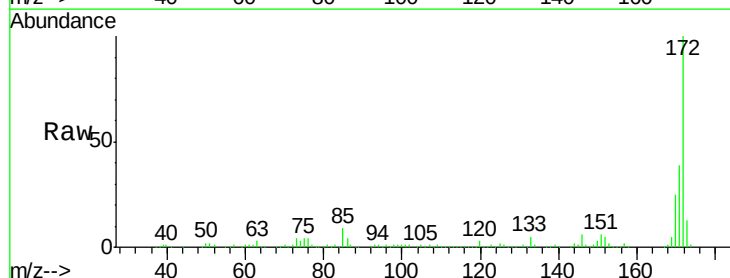
Tgt Ion:172 Resp: 387203

Ion Ratio Lower Upper

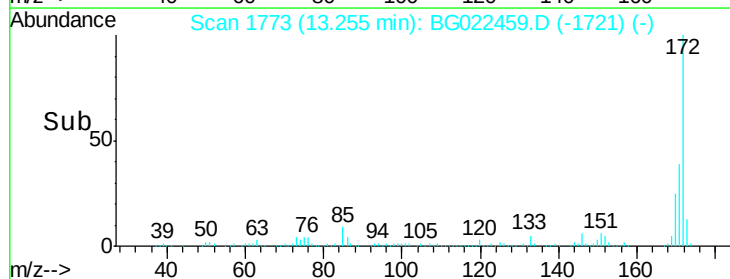
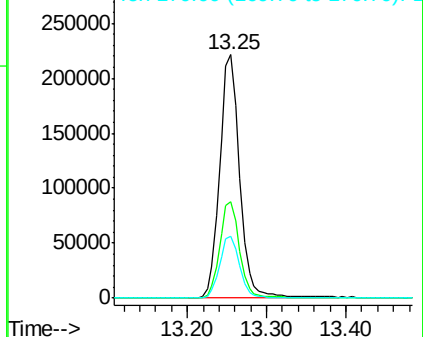
172 100

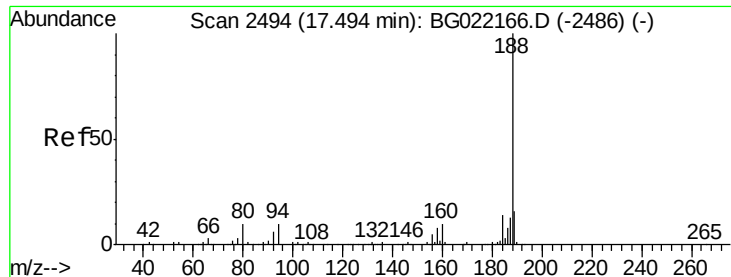
171 39.4 27.8 41.6

170 25.3 19.6 29.4



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.38 min Scan# 2475

Delta R.T. -0.00 min

Lab File: BG022459.D

Acq: 21 Jun 2016 3:01

Instrument :

BNA_G

ClientSampled :

W-35

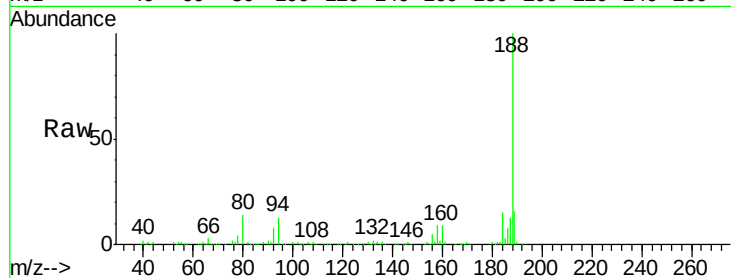
Tgt Ion:188 Resp: 142156

Ion Ratio Lower Upper

188 100

94 12.9 7.5 11.3#

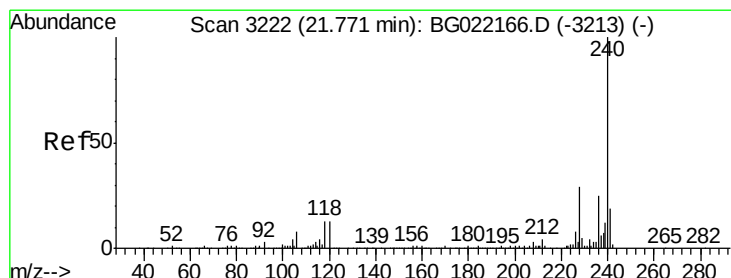
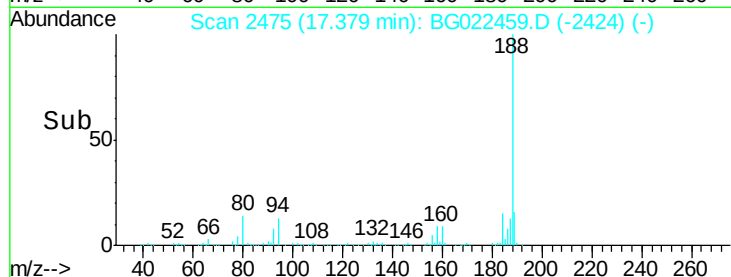
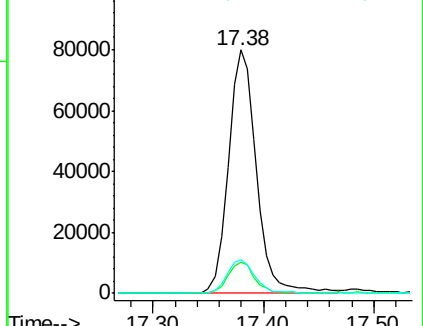
80 13.9 8.6 13.0#



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: 20.00 ng

RT: 21.64 min Scan# 3200

Delta R.T. -0.00 min

Lab File: BG022459.D

Acq: 21 Jun 2016 3:01

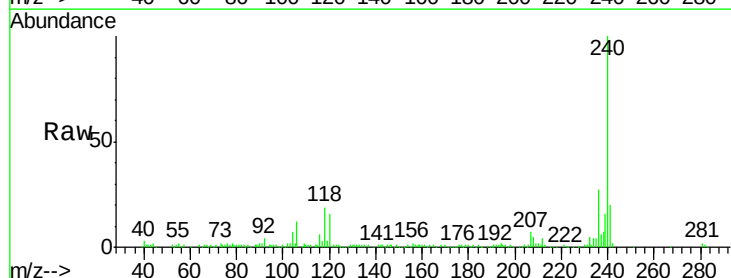
Tgt Ion:240 Resp: 115260

Ion Ratio Lower Upper

240 100

120 15.7 8.4 12.6#

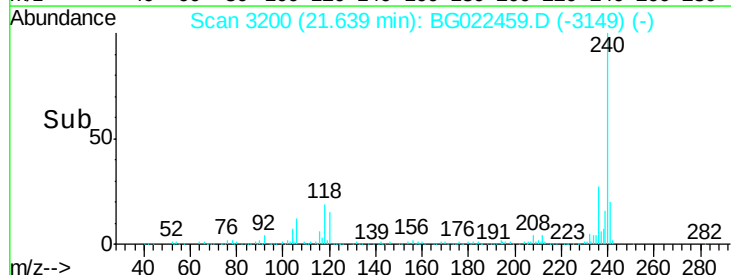
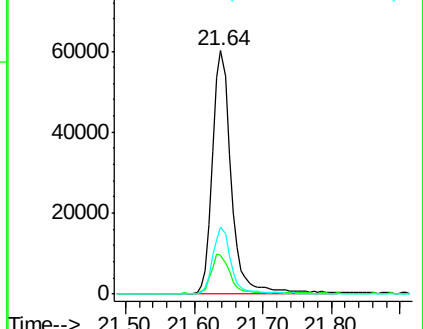
236 27.5 19.6 29.4

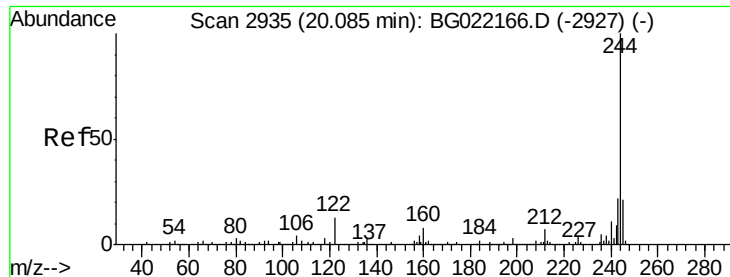


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 88.96 ng

RT: 19.98 min Scan# 2918

Delta R.T. -0.00 min

Lab File: BG022459.D

Acq: 21 Jun 2016 3:01

Instrument :

BNA_G

ClientSampleId :

W-35

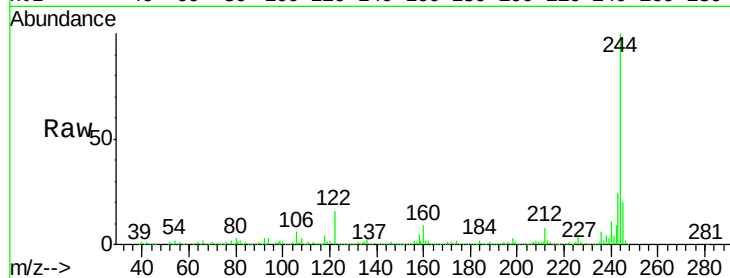
Tgt Ion:244 Resp: 431893

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

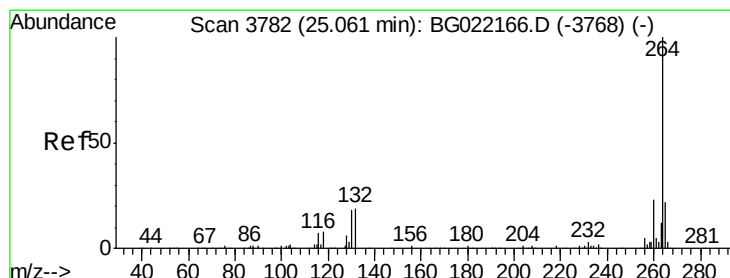
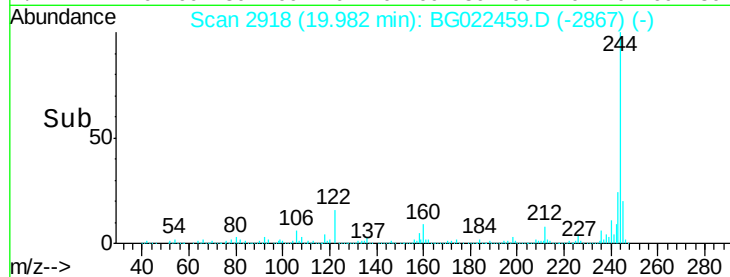
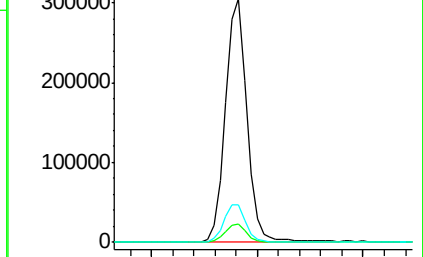
122 15.6 8.6 12.8#



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: 20.00 ng

RT: 24.85 min Scan# 3746

Delta R.T. 0.00 min

Lab File: BG022459.D

Acq: 21 Jun 2016 3:01

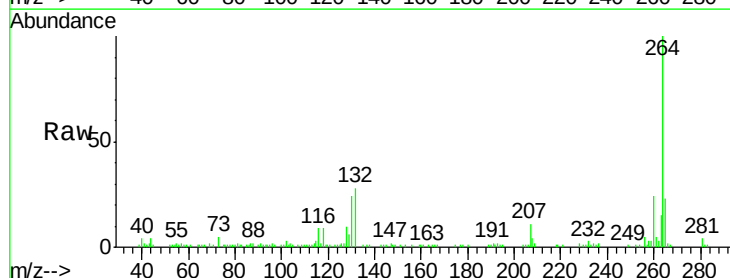
Tgt Ion:264 Resp: 99261

Ion Ratio Lower Upper

264 100

260 23.9 20.2 30.4

265 22.9 17.8 26.8



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

