

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073016\
 Data File : BG023348.D
 Acq On : 30 Jul 2016 00:34
 Operator : UM/SJ
 Sample : H4176-17
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-35-6.0-15.0

Quant Time: Jul 30 01:16:58 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:30:33 2016
 Response via : Initial Calibration

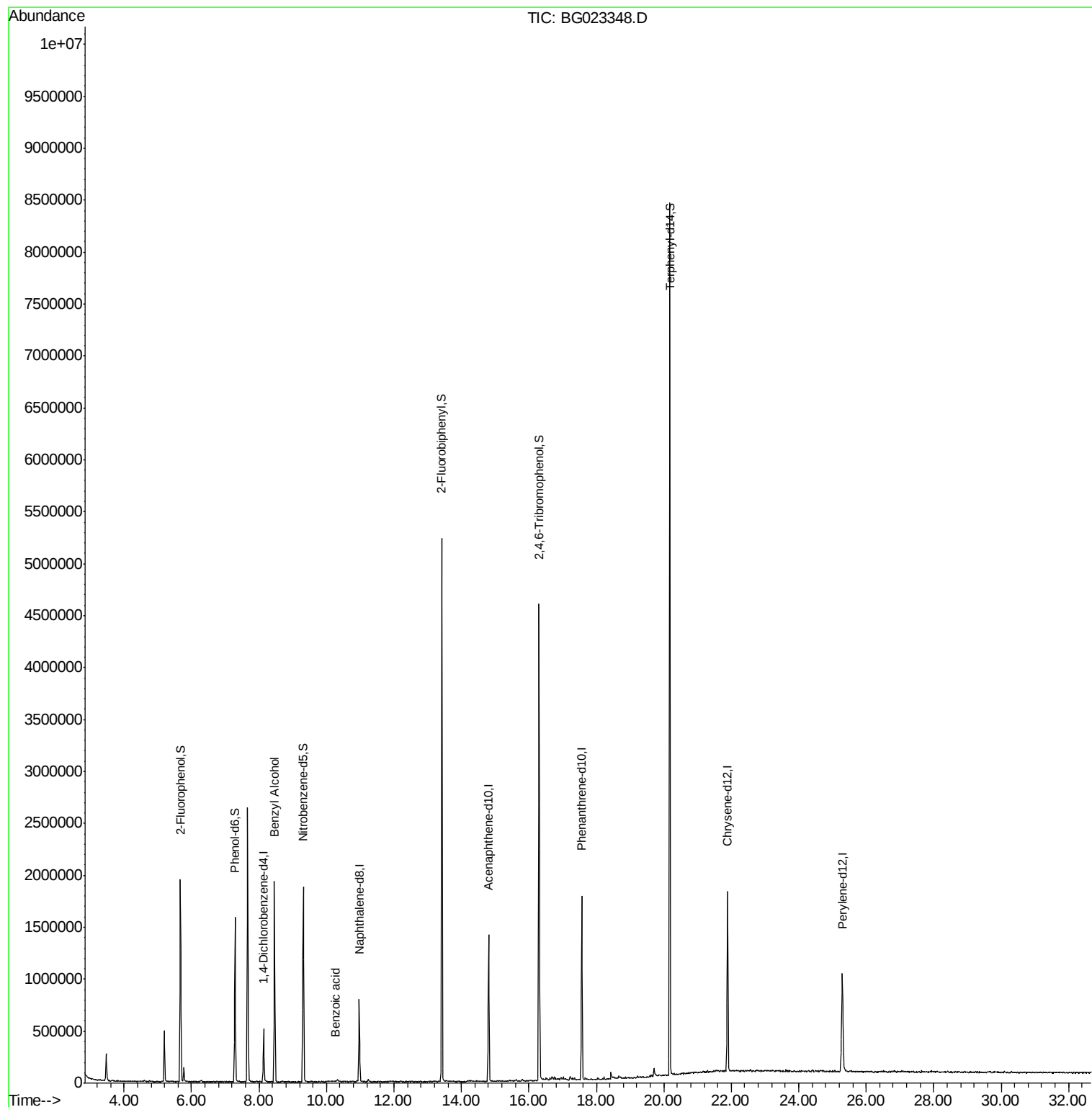
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	146469	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	670738	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	467596	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1045753	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1046352	20.00	ng	0.00
86) Perylene-d12	25.29	264	1048933	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	858468	100.06	ng	0.00
7) Phenol-d6	7.29	99	981408	74.51	ng	0.00
23) Nitrobenzene-d5	9.31	82	1226157	89.40	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	838401	173.23	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2493327	99.80	ng	0.00
78) Terphenyl-d14	20.17	244	2984461	92.72	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.46	79	18179	2.05	ng	# 50
32) Benzoic acid	10.28	122	86	8.12	ng	# 35

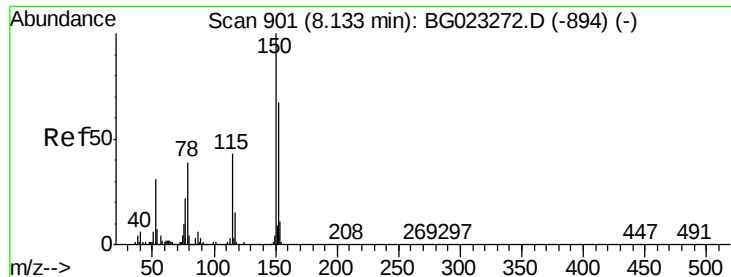
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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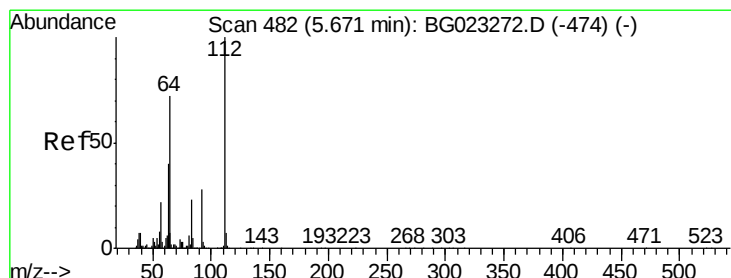
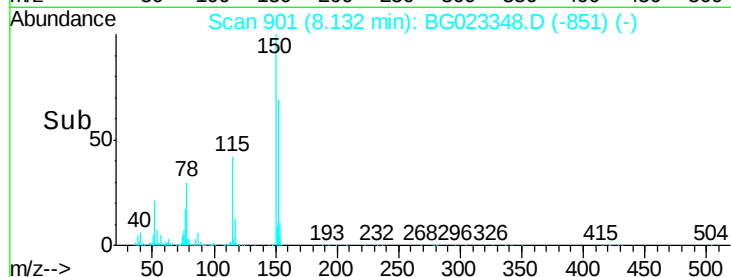
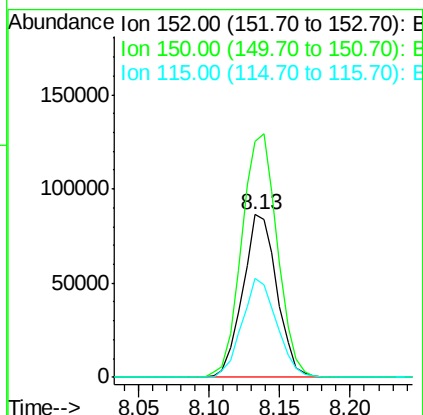
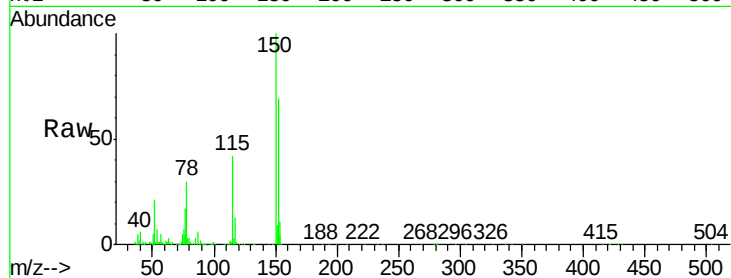


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.13 min Scan# 901
Delta R.T. -0.01 min
Lab File: BG023348.D
Acq: 30 Jul 2016 00:34

Instrument :
BNA_G
ClientSampleId :
GW-35-6.0-15.0

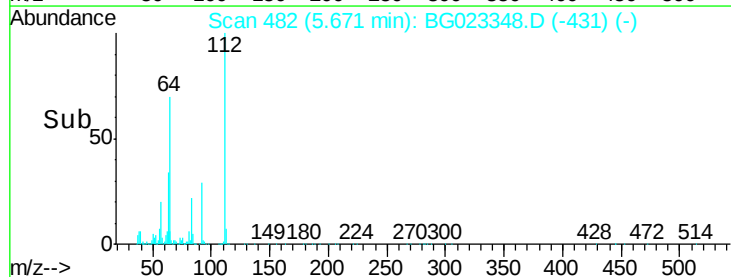
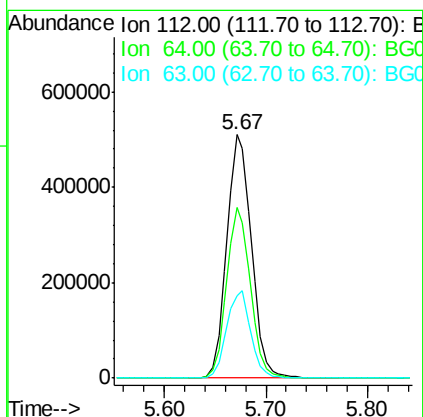
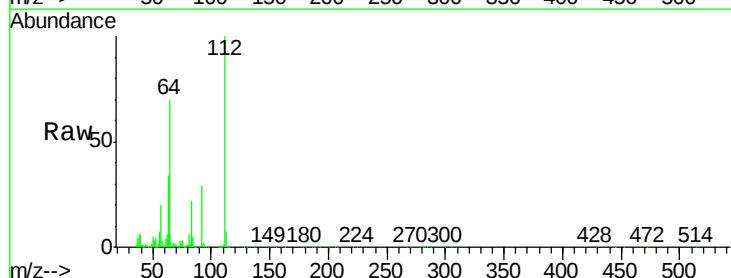
Tgt Ion:152 Resp: 146469
Ion Ratio Lower Upper
152 100
150 144.8 144.7 217.1
115 60.6 64.0 96.0#

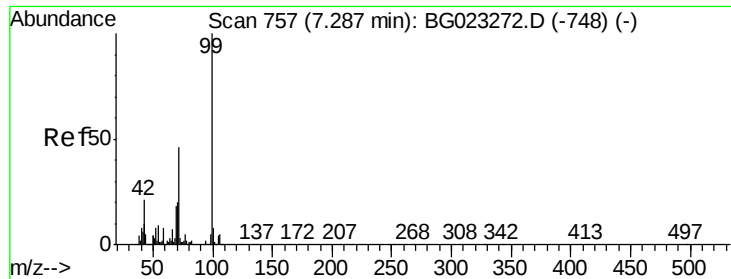


#5

2-Fluorophenol
Concen: 100.06 ng
RT: 5.67 min Scan# 482
Delta R.T. -0.00 min
Lab File: BG023348.D
Acq: 30 Jul 2016 00:34

Tgt Ion:112 Resp: 858468
Ion Ratio Lower Upper
112 100
64 70.3 59.0 88.4
63 33.9 37.8 56.8#





#7

Phenol-d6

Concen: 74.51 ng

RT: 7.29 min Scan# 757

Delta R.T. -0.00 min

Lab File: BG023348.D

Acq: 30 Jul 2016 00:34

Instrument :

BNA_G

ClientSampleId :

GW-35-6.0-15.0

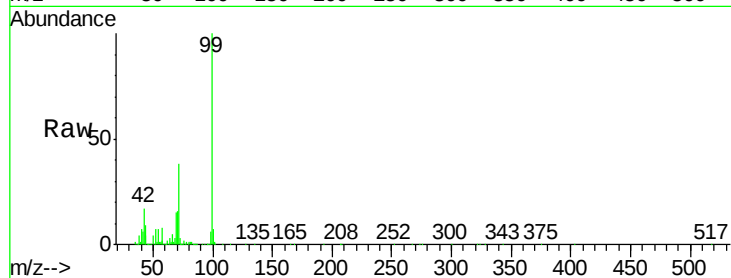
Tgt Ion: 99 Resp: 981408

Ion Ratio Lower Upper

99 100

42 17.4 17.8 26.6#

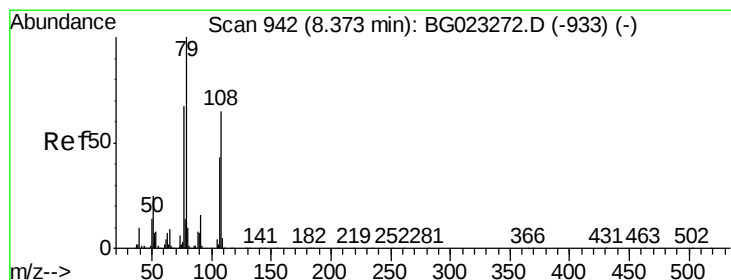
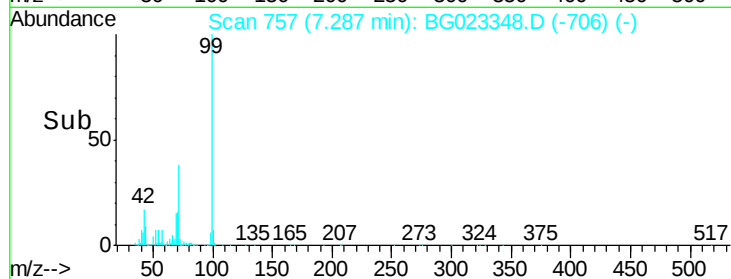
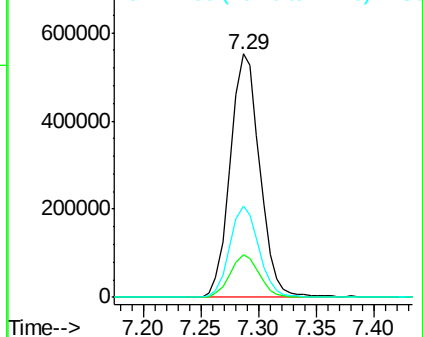
71 37.7 41.5 62.3#



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



#15

Benzyl Alcohol

Concen: 2.05 ng

RT: 8.46 min Scan# 956

Delta R.T. 0.07 min

Lab File: BG023348.D

Acq: 30 Jul 2016 00:34

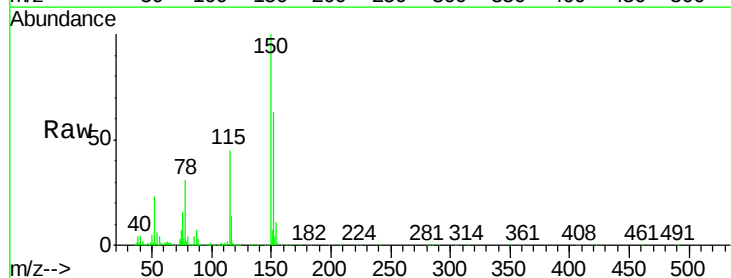
Tgt Ion: 79 Resp: 18179

Ion Ratio Lower Upper

79 100

108 25.4 46.5 69.7#

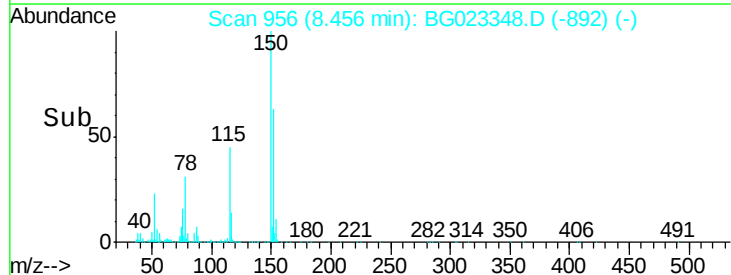
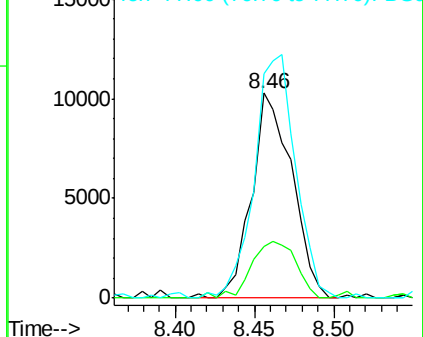
77 109.6 52.3 78.5#

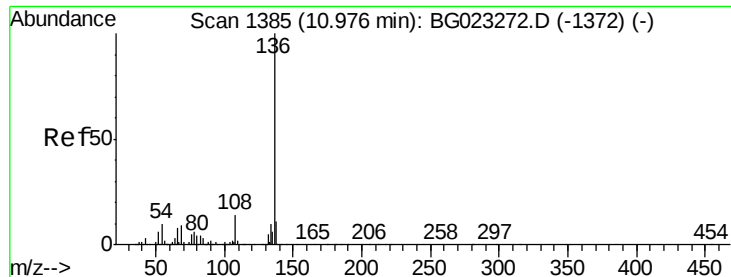


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

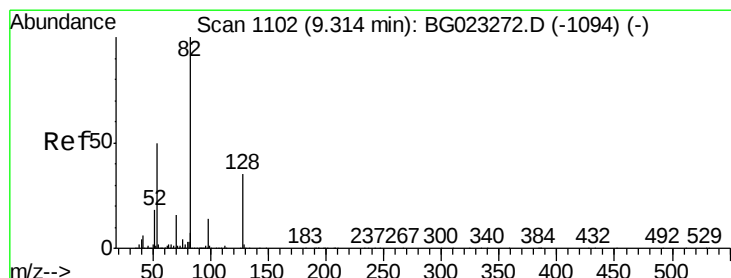
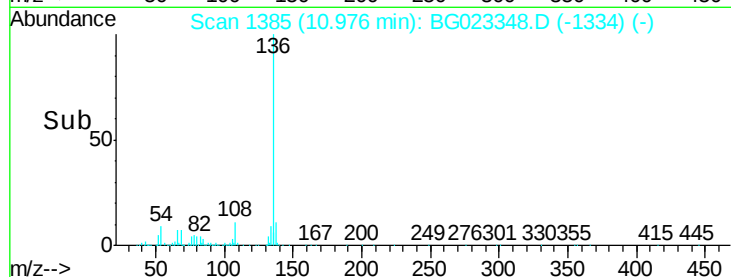
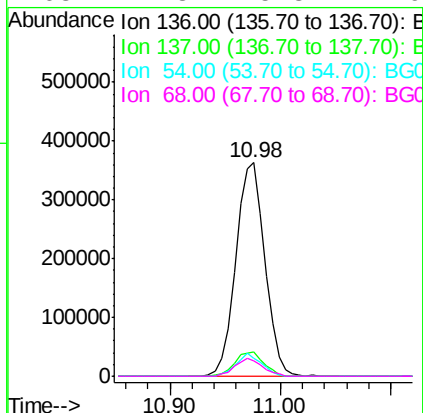
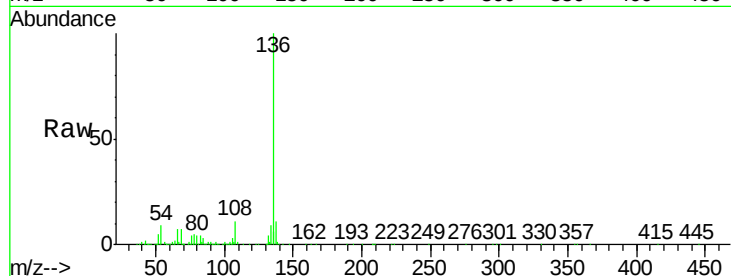




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BG023348.D
Acq: 30 Jul 2016 00:34

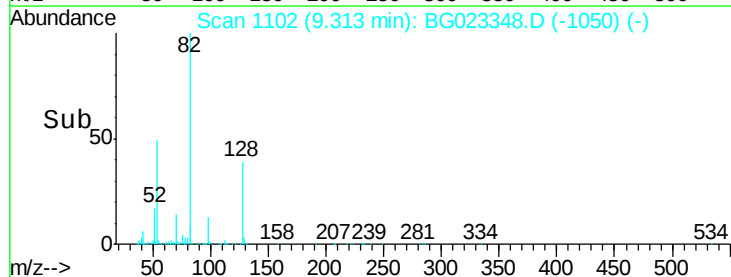
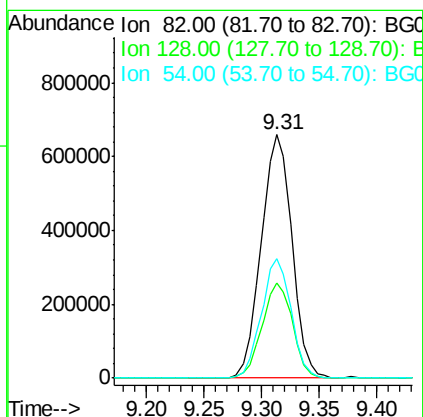
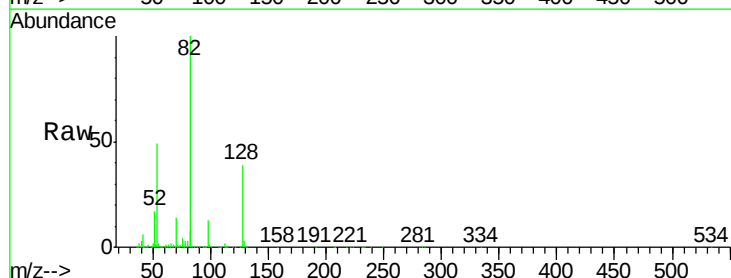
Instrument :
BNA_G
ClientSampleId :
GW-35-6.0-15.0

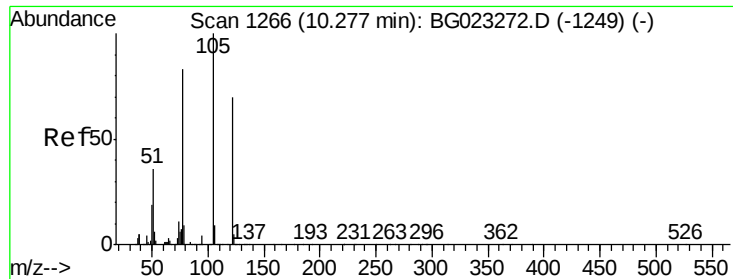
Tgt Ion:	136	Resp:	670738
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.6	14.4
54	8.5	7.3	10.9
68	7.3	5.3	7.9



#23
Nitrobenzene-d5
Concen: 89.40 ng
RT: 9.31 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BG023348.D
Acq: 30 Jul 2016 00:34

Tgt Ion:	82	Resp:	1226157
Ion	Ratio	Lower	Upper
82	100		
128	39.2	24.4	36.6#
54	48.9	41.4	62.0





#32

Benzoic acid

Concen: 8.12 ng

RT: 10.28 min Scan# 1267

Delta R.T. 0.01 min

Lab File: BG023348.D

Acq: 30 Jul 2016 00:34

Instrument :

BNA_G

ClientSampleId :

GW-35-6.0-15.0

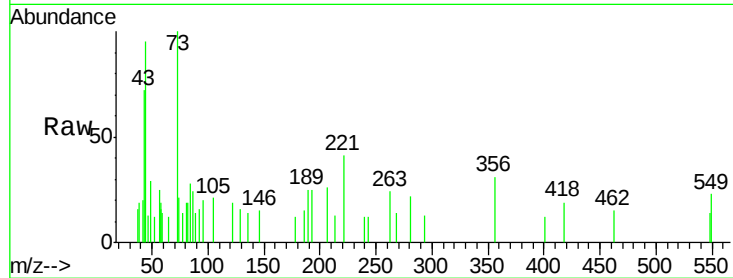
Tgt Ion:122 Resp: 86

Ion Ratio Lower Upper

122 100

105 112.3 117.2 157.2#

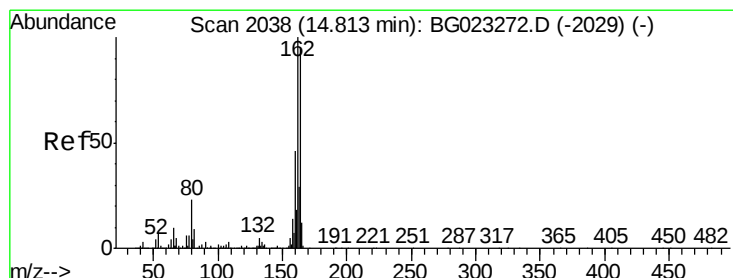
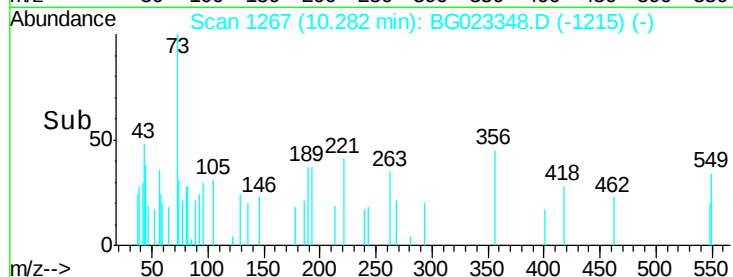
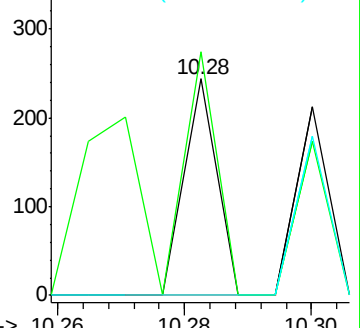
77 0.0 109.2 149.2#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.81 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BG023348.D

Acq: 30 Jul 2016 00:34

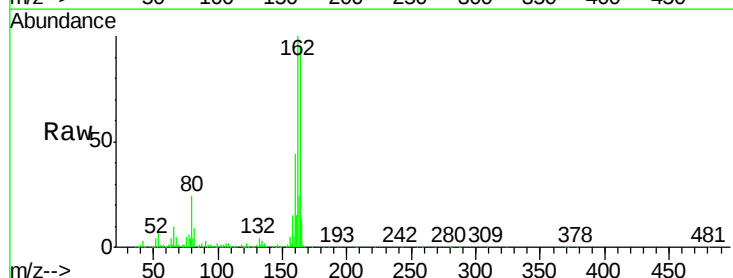
Tgt Ion:164 Resp: 467596

Ion Ratio Lower Upper

164 100

162 105.3 87.7 131.5

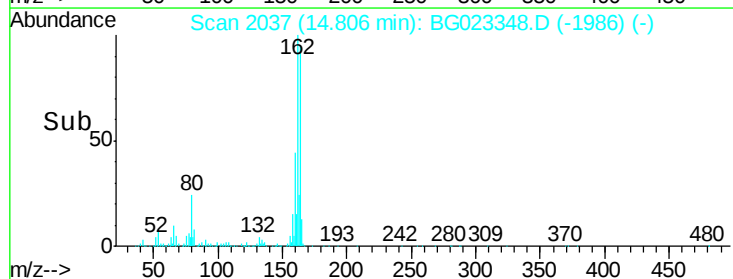
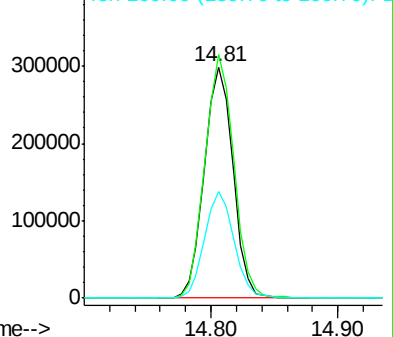
160 46.4 37.2 55.8

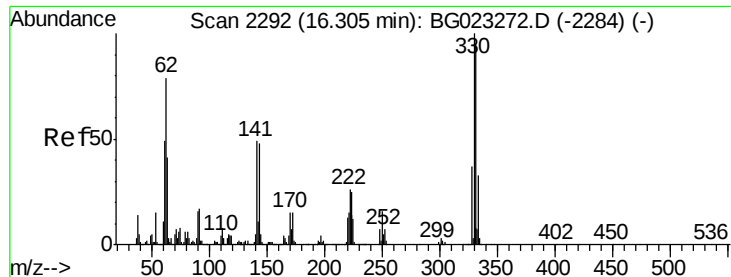


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

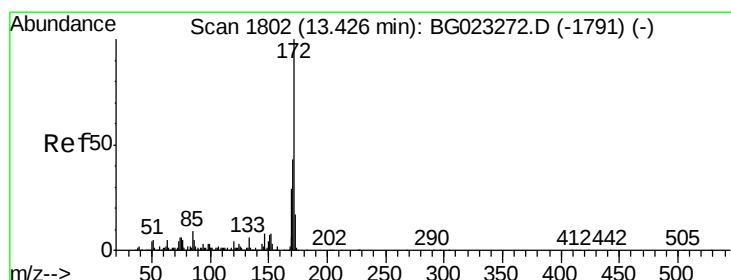
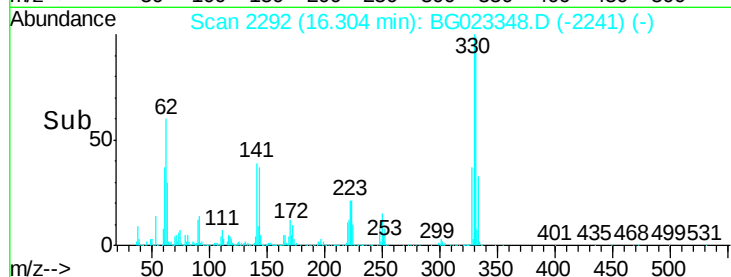
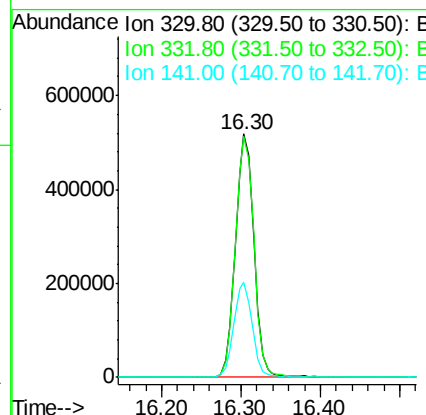
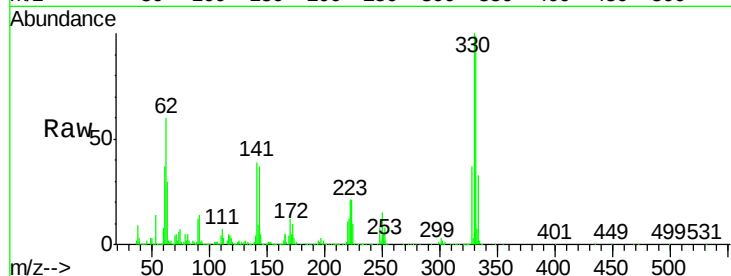




#41
 2,4,6-Tribromophenol
 Concen: 173.23 ng
 RT: 16.30 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: BG023348.D
 Acq: 30 Jul 2016 00:34

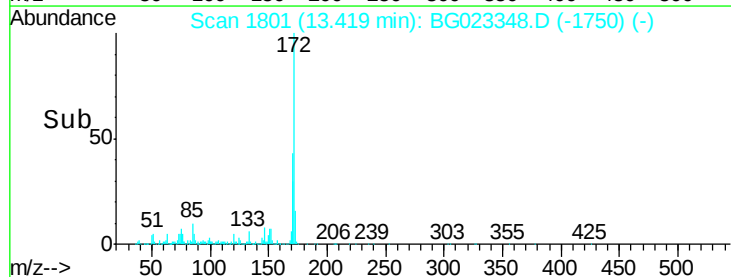
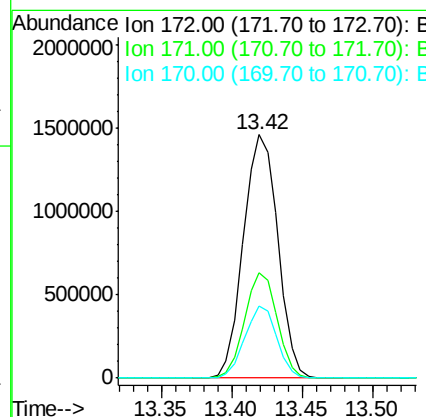
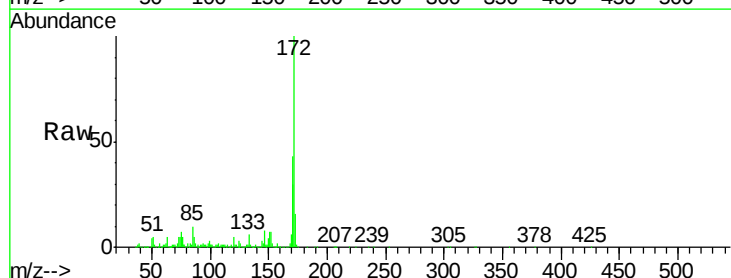
Instrument :
 BNA_G
 ClientSampleId :
 GW-35-6.0-15.0

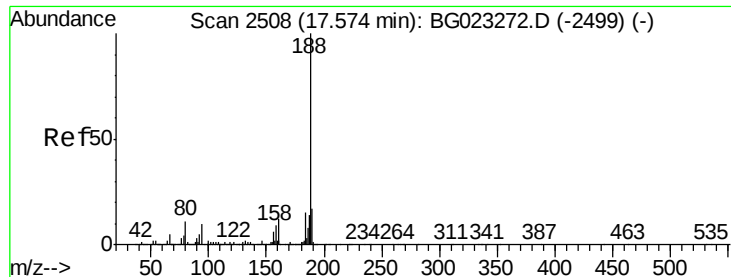
Tgt Ion:330 Resp: 838401
 Ion Ratio Lower Upper
 330 100
 332 99.2 77.4 116.2
 141 38.7 31.7 47.5



#44
 2-Fluorobiphenyl
 Concen: 99.80 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: BG023348.D
 Acq: 30 Jul 2016 00:34

Tgt Ion:172 Resp: 2493327
 Ion Ratio Lower Upper
 172 100
 171 43.3 31.6 47.4
 170 29.8 21.3 31.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.57 min Scan# 2507

Delta R.T. -0.00 min

Lab File: BG023348.D

Acq: 30 Jul 2016 00:34

Instrument :

BNA_G

ClientSampleId :

GW-35-6.0-15.0

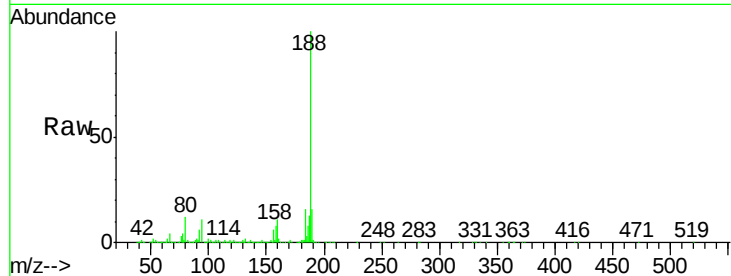
Tgt Ion:188 Resp: 1045753

Ion Ratio Lower Upper

188 100

94 10.9 5.2 7.8#

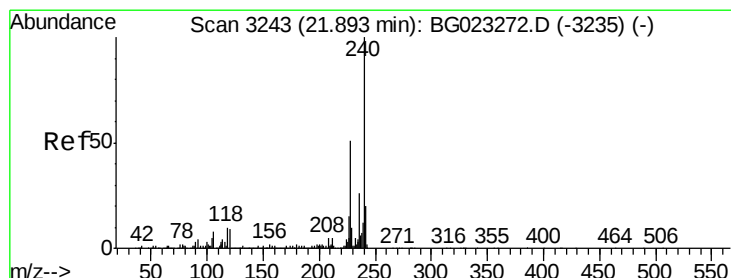
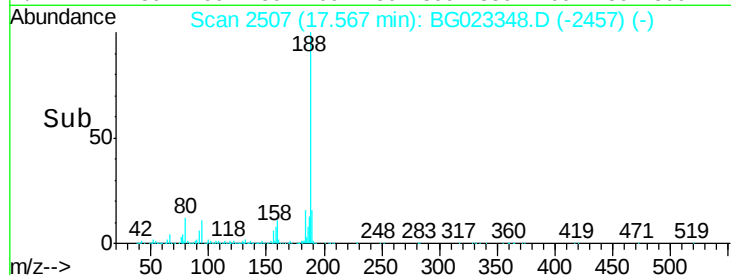
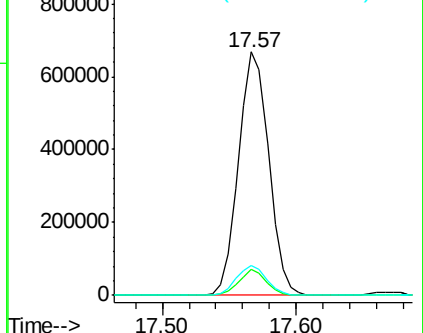
80 12.4 7.2 10.8#



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: 21.89 min Scan# 3243

Delta R.T. 0.00 min

Lab File: BG023348.D

Acq: 30 Jul 2016 00:34

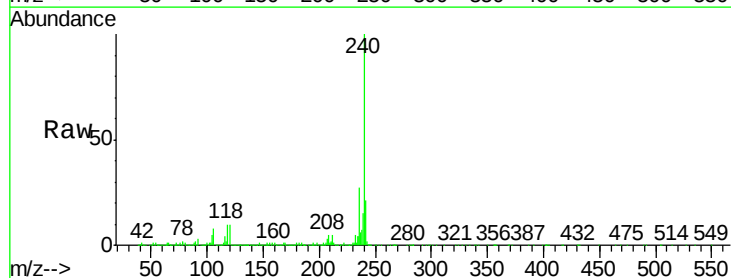
Tgt Ion:240 Resp: 1046352

Ion Ratio Lower Upper

240 100

120 10.2 4.1 6.1#

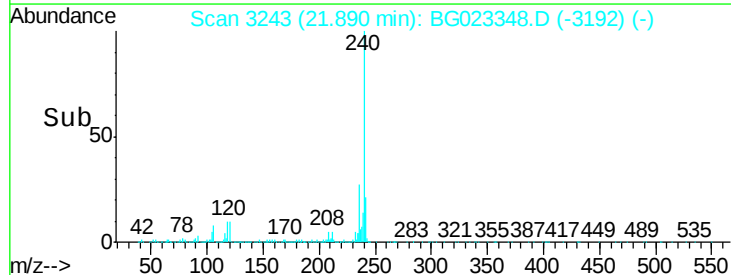
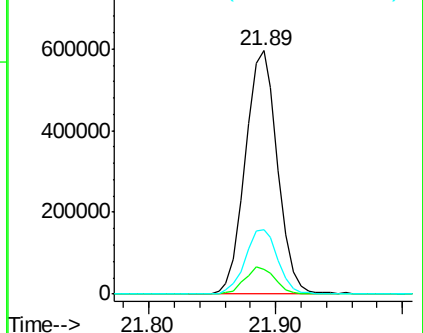
236 26.7 21.1 31.7

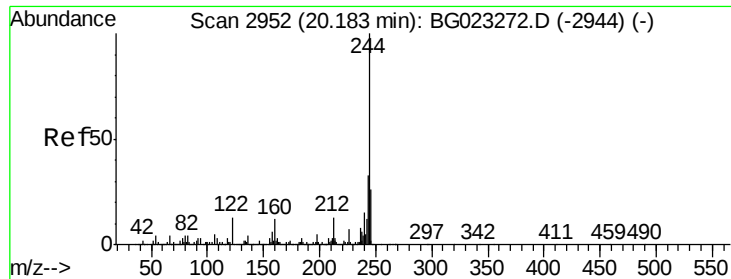


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

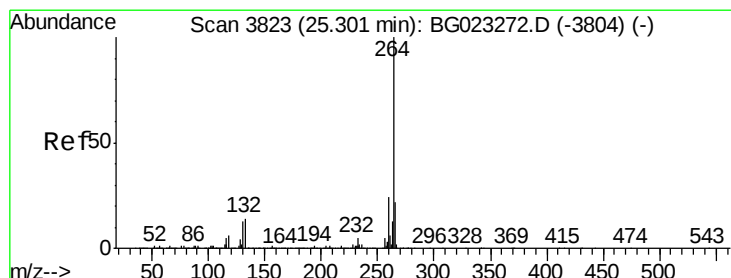
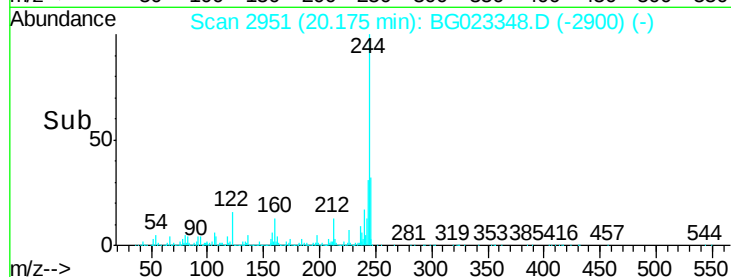
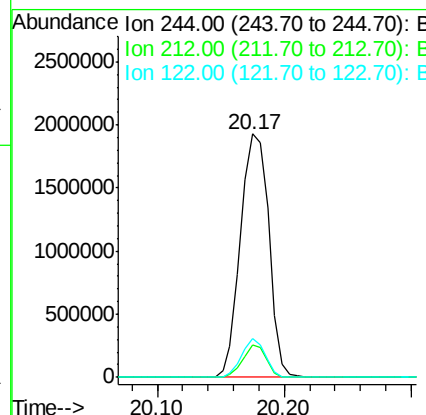
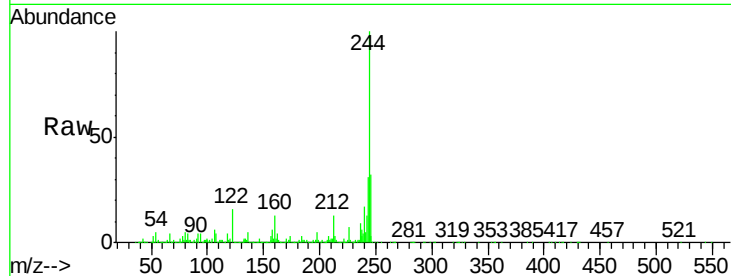




#78
 Terphenyl-d14
 Concen: 92.72 ng
 RT: 20.17 min Scan# 2951
 Delta R.T. -0.00 min
 Lab File: BG023348.D
 Acq: 30 Jul 2016 00:34

Instrument :
 BNA_G
 ClientSampleId :
 GW-35-6.0-15.0

Tgt Ion:244 Resp: 2984461
 Ion Ratio Lower Upper
 244 100
 212 13.2 10.8 16.2
 122 16.1 8.0 12.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.29 min Scan# 3822
 Delta R.T. -0.01 min
 Lab File: BG023348.D
 Acq: 30 Jul 2016 00:34

Tgt Ion:264 Resp: 1048933
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.4 27.6
 265 22.6 18.9 28.3

