

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073016\
 Data File : BG023346.D
 Acq On : 29 Jul 2016 23:12
 Operator : UM/SJ
 Sample : H4176-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-30-6.6-15.0

Quant Time: Jul 30 01:16:33 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

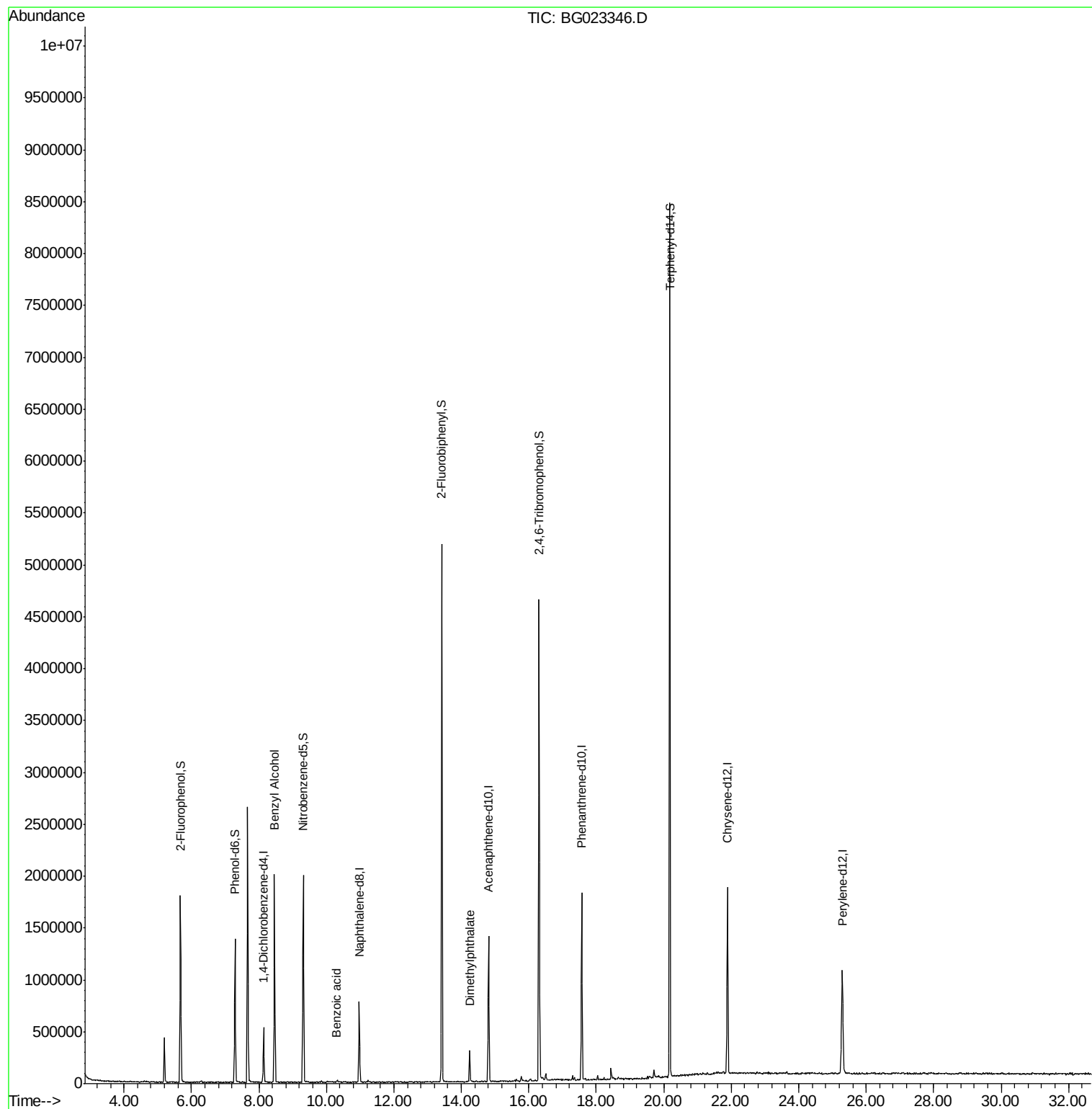
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	145621	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	678152	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	470122	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1061031	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1084052	20.00	ng	0.00
86) Perylene-d12	25.29	264	1109837	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	792004	92.85	ng	0.00
7) Phenol-d6	7.29	99	876862	66.96	ng	0.00
23) Nitrobenzene-d5	9.31	82	1243784	89.69	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	833337	171.26	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2488321	99.06	ng	0.00
78) Terphenyl-d14	20.18	244	3045487	91.32	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.46	79	19202	2.18	ng	# 73
32) Benzoic acid	10.29	122	71	8.12	ng	# 20
49) Dimethylphthalate	14.25	163	204077	5.88	ng	100

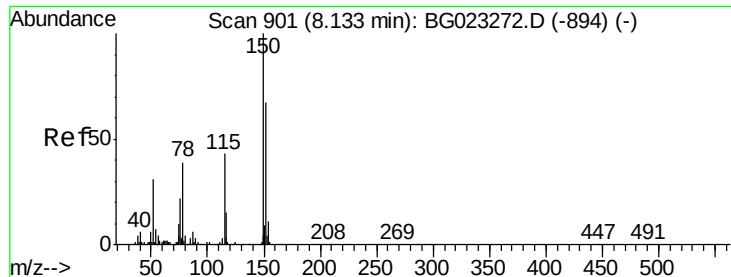
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.14 min Scan# 902

Delta R.T. -0.00 min

Lab File: BG023346.D

Acq: 29 Jul 2016 23:12

Instrument :

BNA_G

ClientSampleId :

GW-30-6.6-15.0

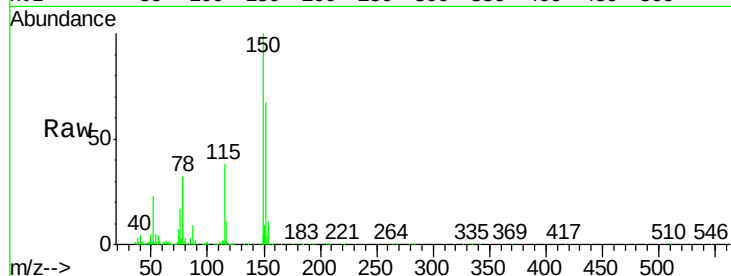
Tgt Ion:152 Resp: 145621

Ion Ratio Lower Upper

152 100

150 148.6 144.7 217.1

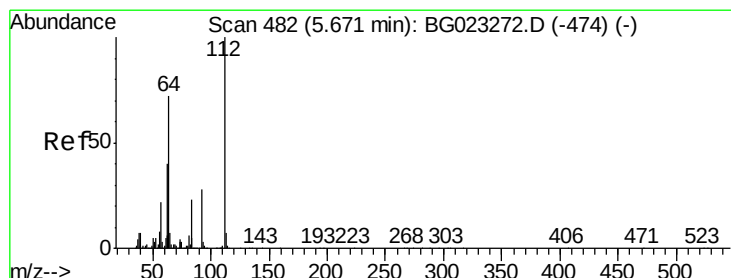
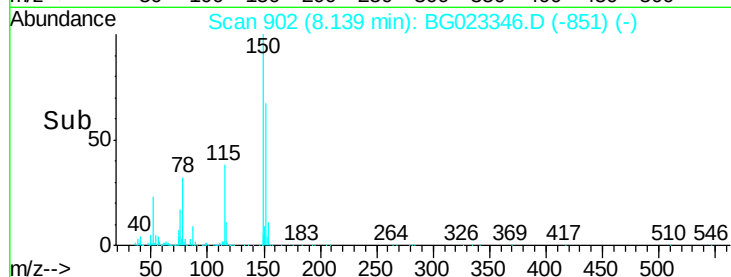
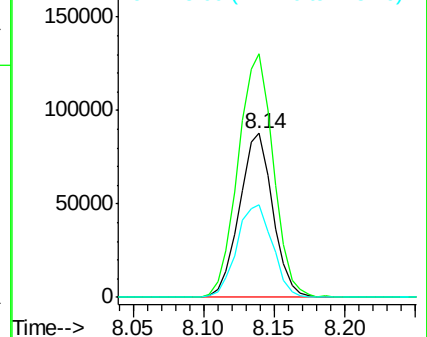
115 56.7 64.0 96.0#



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: 92.85 ng

RT: 5.67 min Scan# 482

Delta R.T. -0.00 min

Lab File: BG023346.D

Acq: 29 Jul 2016 23:12

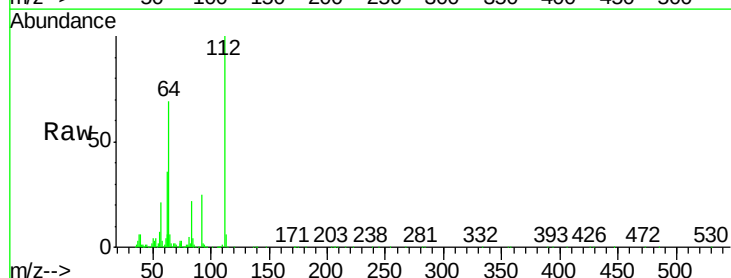
Tgt Ion:112 Resp: 792004

Ion Ratio Lower Upper

112 100

64 69.2 59.0 88.4

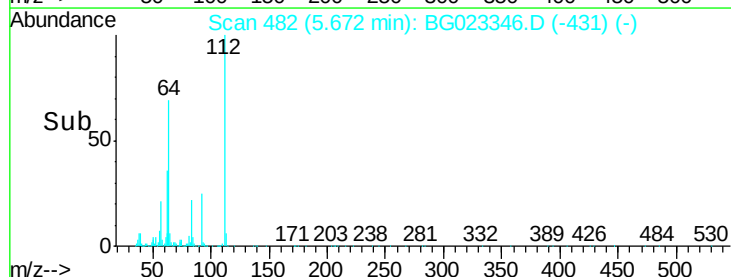
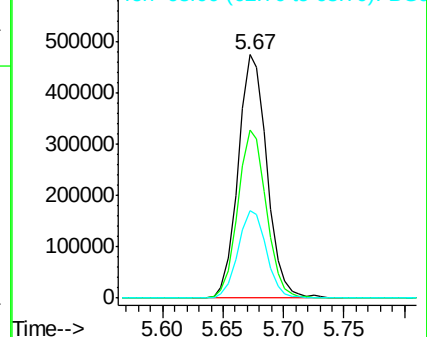
63 35.8 37.8 56.8#

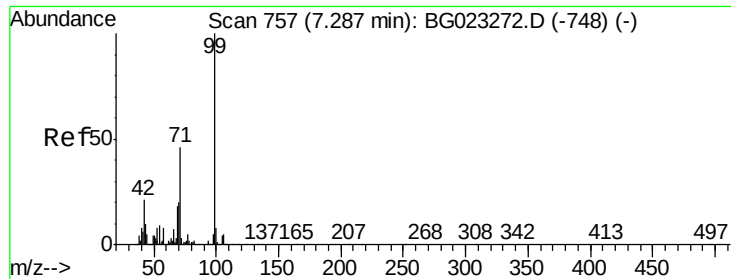


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 66.96 ng

RT: 7.29 min Scan# 757

Delta R.T. -0.00 min

Lab File: BG023346.D

Acq: 29 Jul 2016 23:12

Instrument :

BNA_G

ClientSampleId :

GW-30-6.6-15.0

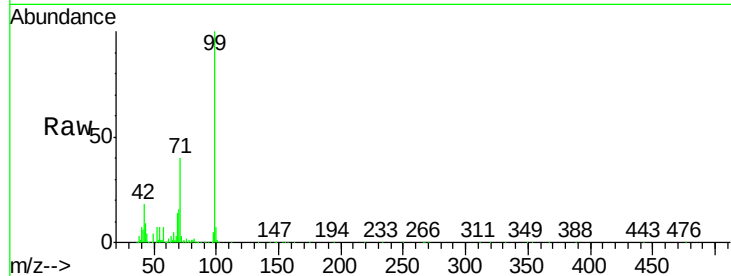
Tgt Ion: 99 Resp: 876862

Ion Ratio Lower Upper

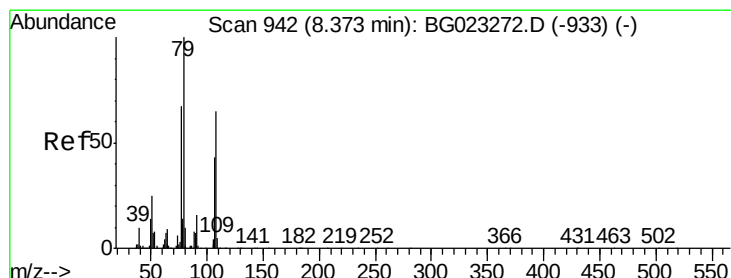
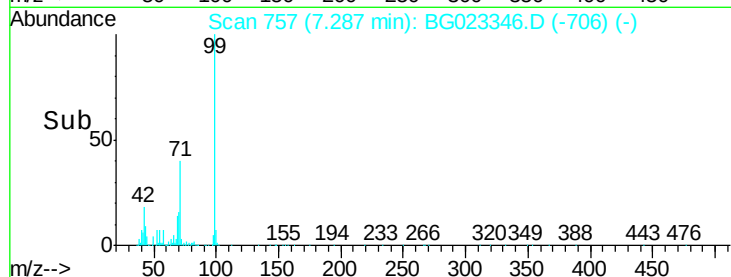
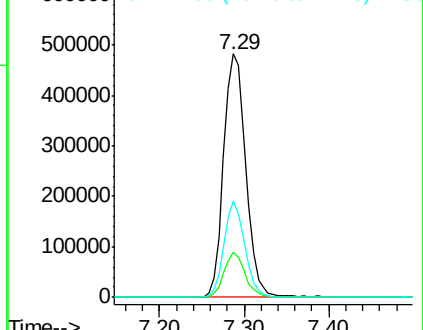
99 100

42 18.5 17.8 26.6

71 39.6 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: 2.18 ng

RT: 8.46 min Scan# 956

Delta R.T. 0.08 min

Lab File: BG023346.D

Acq: 29 Jul 2016 23:12

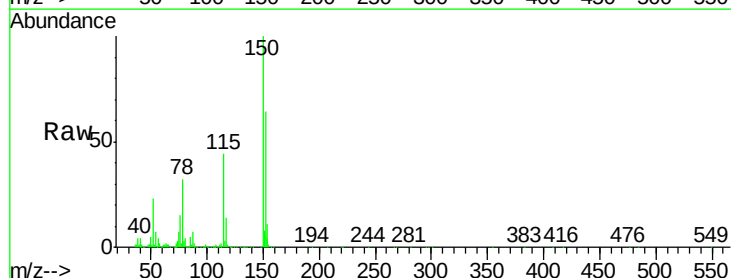
Tgt Ion: 79 Resp: 19202

Ion Ratio Lower Upper

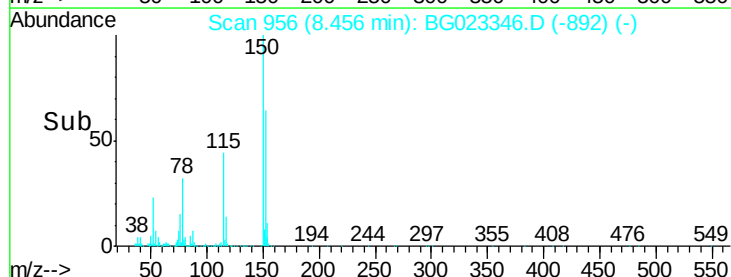
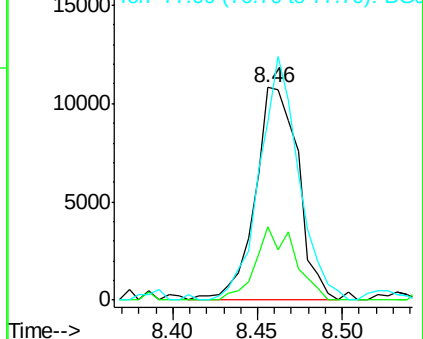
79 100

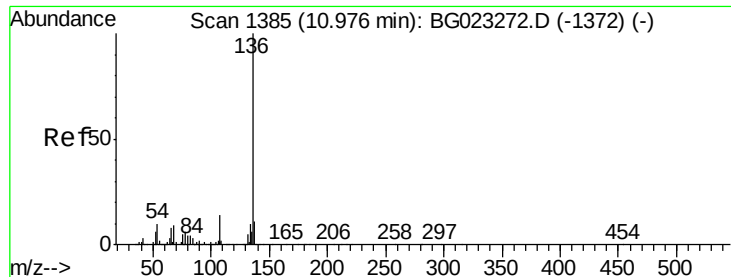
108 34.6 46.5 69.7#

77 83.8 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

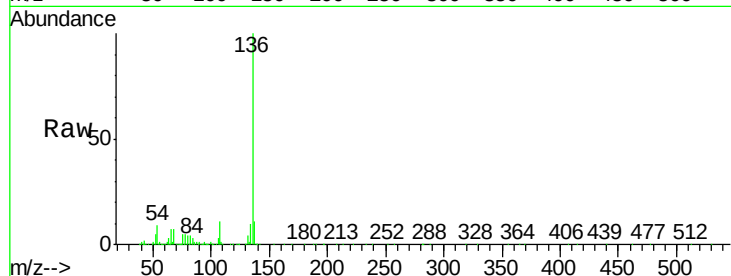




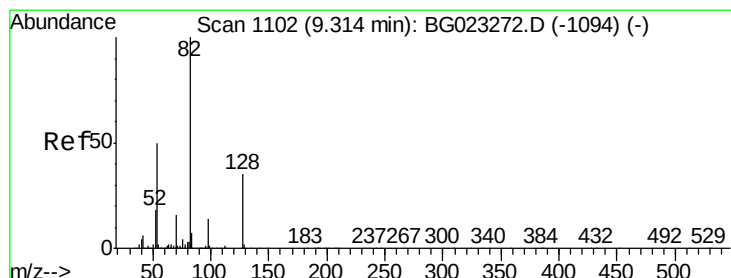
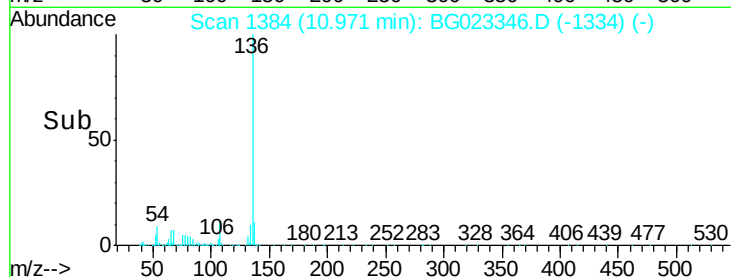
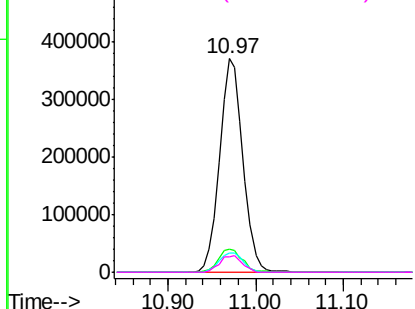
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.97 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BG023346.D
Acq: 29 Jul 2016 23:12

Instrument :
BNA_G
ClientSampleId :
GW-30-6.6-15.0

Tgt Ion:	136	Resp:	678152
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.6	14.4
54	9.2	7.3	10.9
68	7.0	5.3	7.9

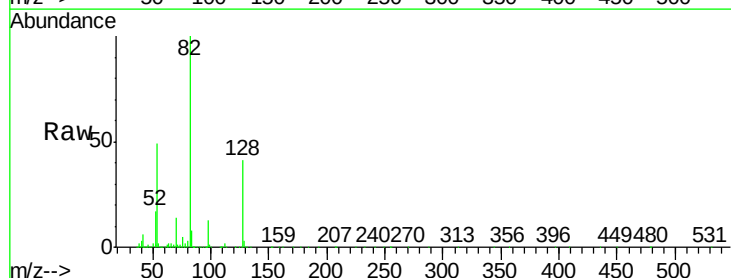


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

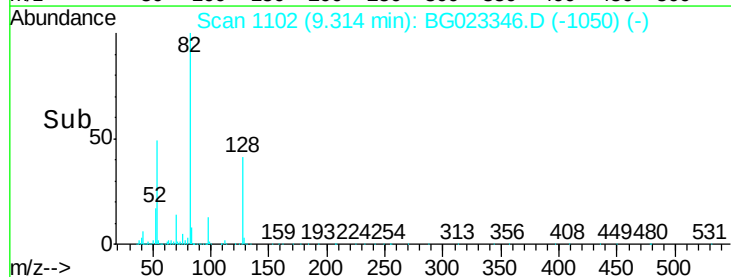
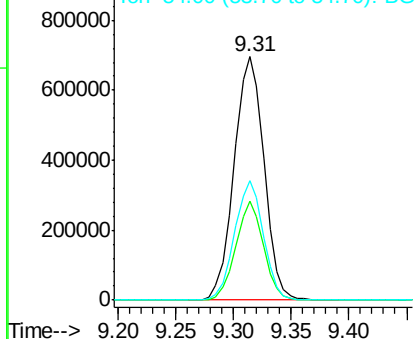


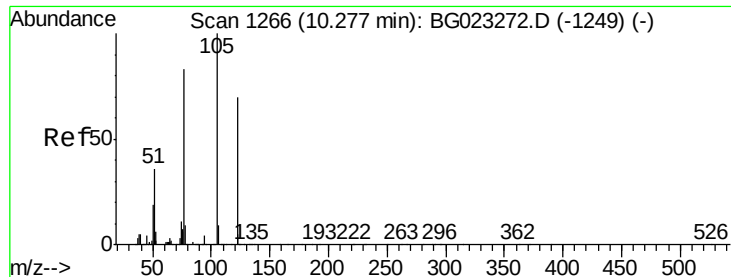
#23
Nitrobenzene-d5
Concen: 89.69 ng
RT: 9.31 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BG023346.D
Acq: 29 Jul 2016 23:12

Tgt Ion:	82	Resp:	1243784
Ion	Ratio	Lower	Upper
82	100		
128	40.8	24.4	36.6#
54	48.8	41.4	62.0



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





#32

Benzoic acid

Concen: 8.12 ng

RT: 10.29 min Scan# 1268

Delta R.T. 0.01 min

Lab File: BG023346.D

Acq: 29 Jul 2016 23:12

Instrument :

BNA_G

ClientSampleId :

GW-30-6.6-15.0

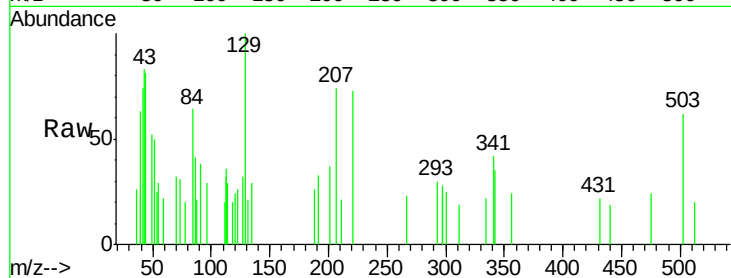
Tgt Ion:122 Resp: 71

Ion Ratio Lower Upper

122 100

105 0.0 117.2 157.2#

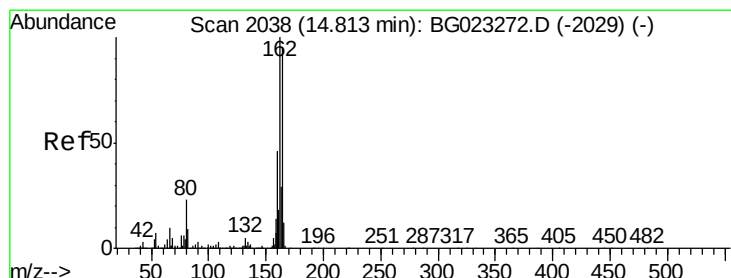
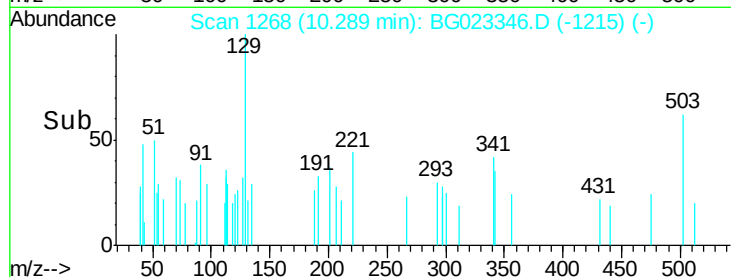
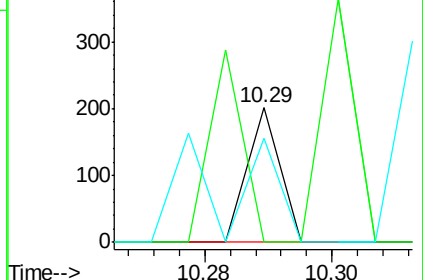
77 77.1 109.2 149.2#



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: BG023346.D

Acq: 29 Jul 2016 23:12

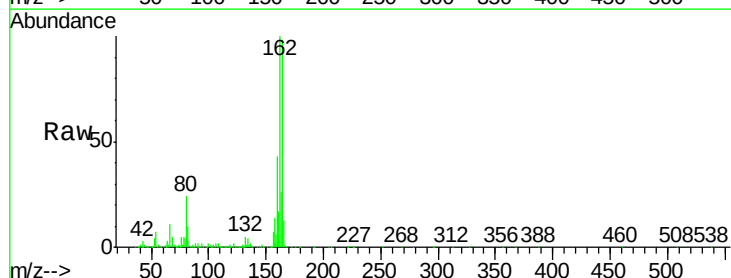
Tgt Ion:164 Resp: 470122

Ion Ratio Lower Upper

164 100

162 102.6 87.7 131.5

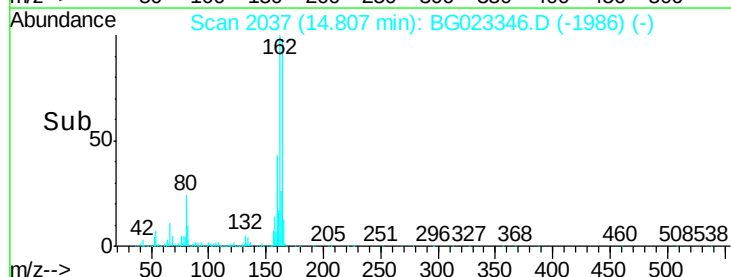
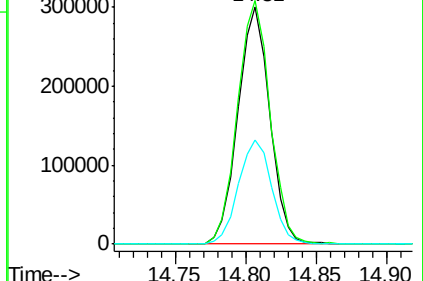
160 43.7 37.2 55.8

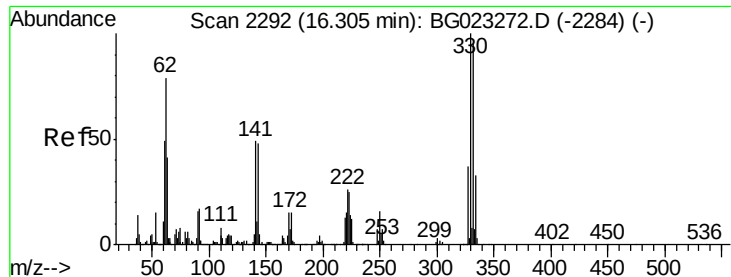


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

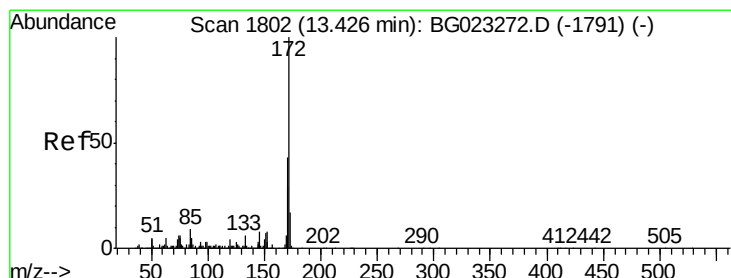
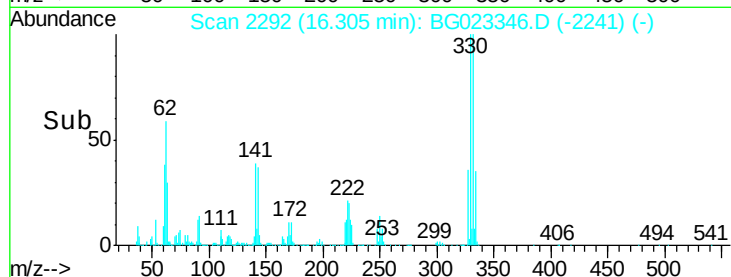
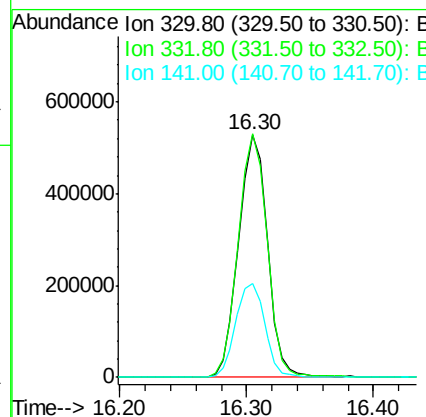
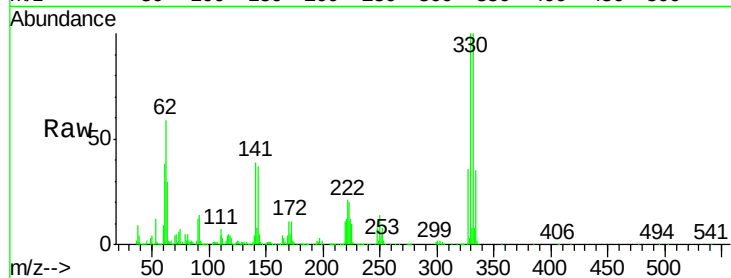




#41
 2,4,6-Tribromophenol
 Concen: 171.26 ng
 RT: 16.30 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: BG023346.D
 Acq: 29 Jul 2016 23:12

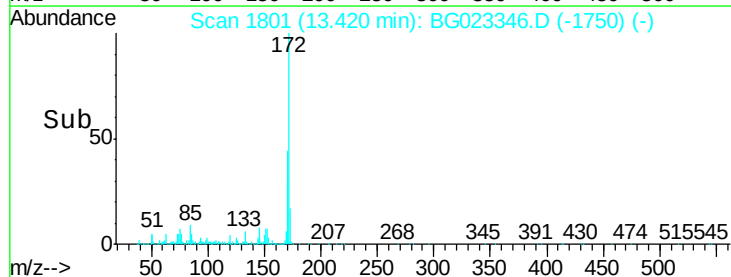
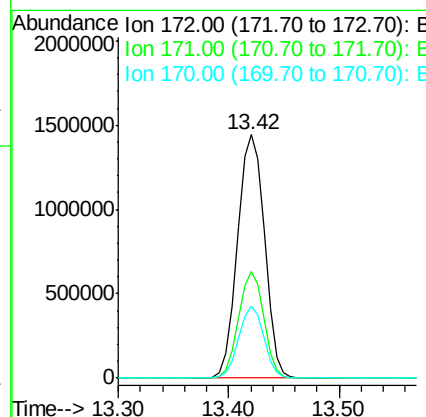
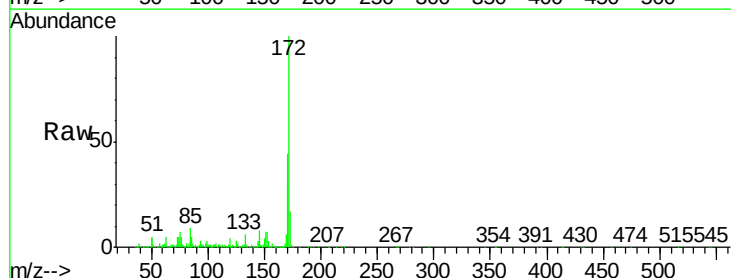
Instrument :
 BNA_G
 ClientSampleId :
 GW-30-6.6-15.0

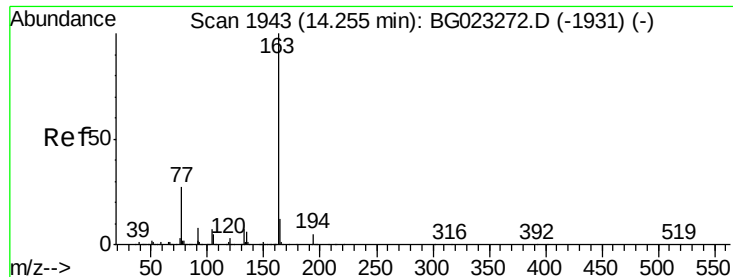
Tgt Ion:330 Resp: 833337
 Ion Ratio Lower Upper
 330 100
 332 100.9 77.4 116.2
 141 39.3 31.7 47.5



#44
 2-Fluorobiphenyl
 Concen: 99.06 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: BG023346.D
 Acq: 29 Jul 2016 23:12

Tgt Ion:172 Resp: 2488321
 Ion Ratio Lower Upper
 172 100
 171 44.0 31.6 47.4
 170 29.8 21.3 31.9





#49

Dimethylphthalate

Concen: 5.88 ng

RT: 14.25 min Scan# 1942

Delta R.T. -0.00 min

Lab File: BG023346.D

Acq: 29 Jul 2016 23:12

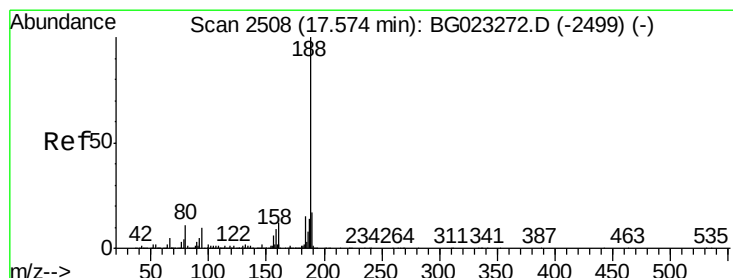
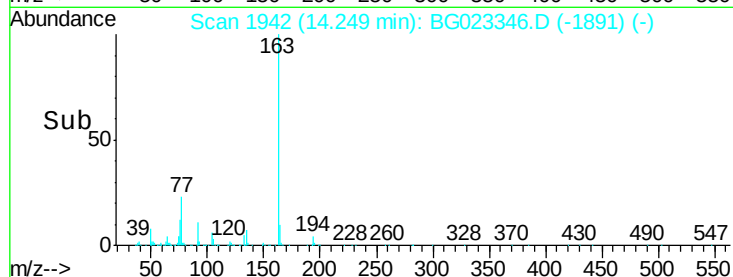
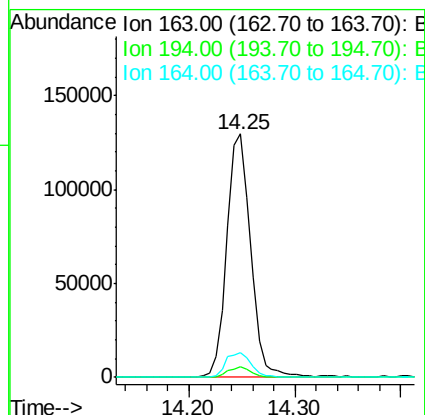
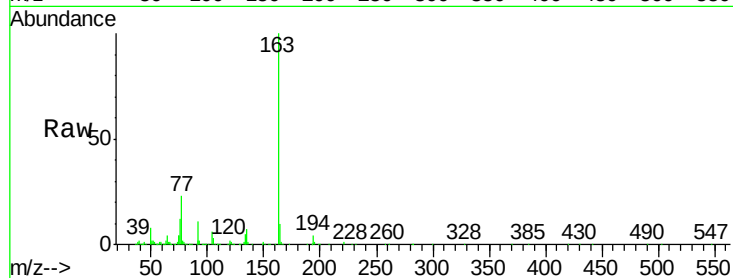
Instrument :

BNA_G

ClientSampleId :

GW-30-6.6-15.0

Tgt Ion:	163	Resp:	204077
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.6	5.4
164	10.0	8.1	12.1



#63

Phenanthrene-d10

Concen: 20.00 ng

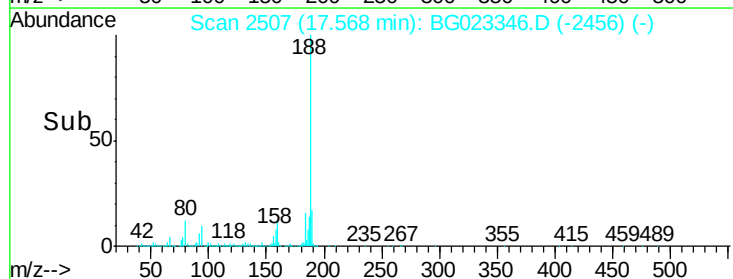
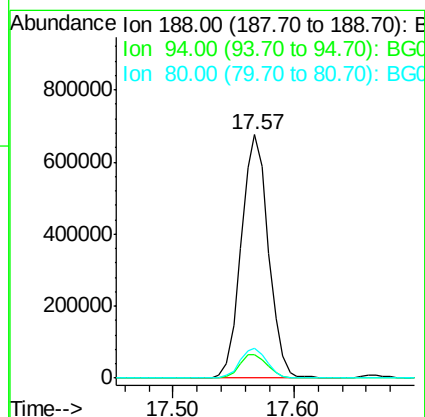
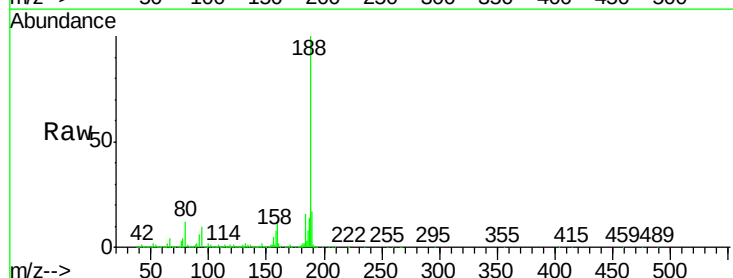
RT: 17.57 min Scan# 2507

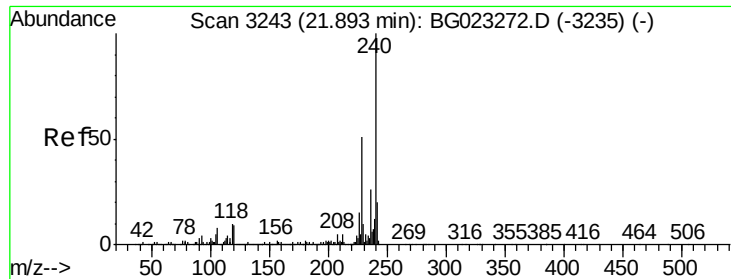
Delta R.T. -0.00 min

Lab File: BG023346.D

Acq: 29 Jul 2016 23:12

Tgt Ion:	188	Resp:	1061031
Ion	Ratio	Lower	Upper
188	100		
94	9.8	5.2	7.8#
80	12.1	7.2	10.8#

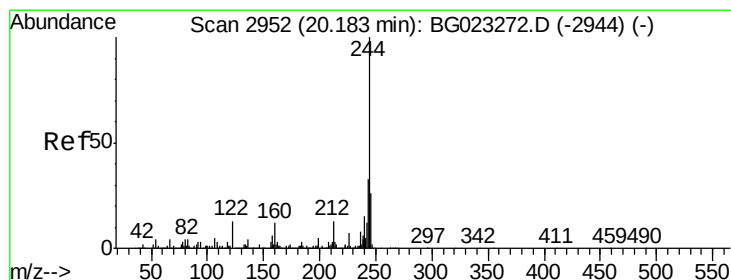
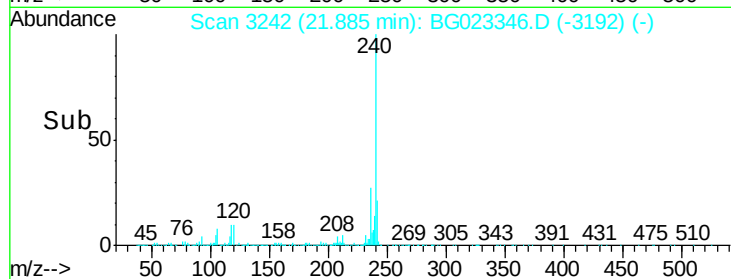
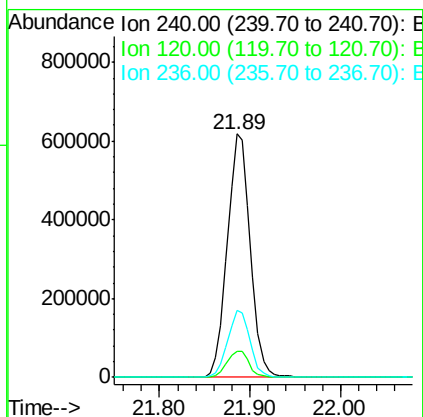
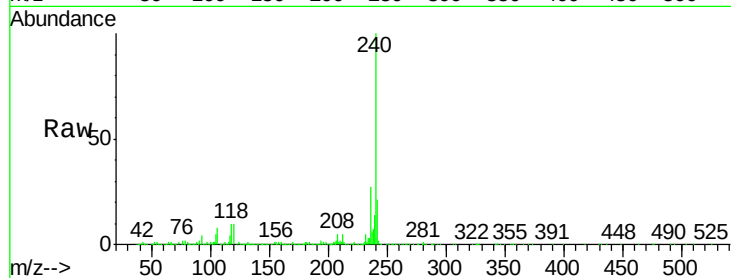




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.89 min Scan# 3242
Delta R.T. -0.00 min
Lab File: BG023346.D
Acq: 29 Jul 2016 23:12

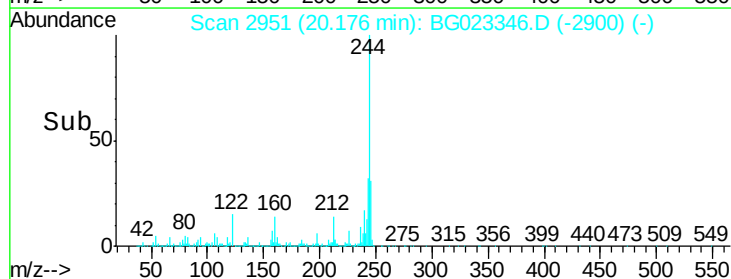
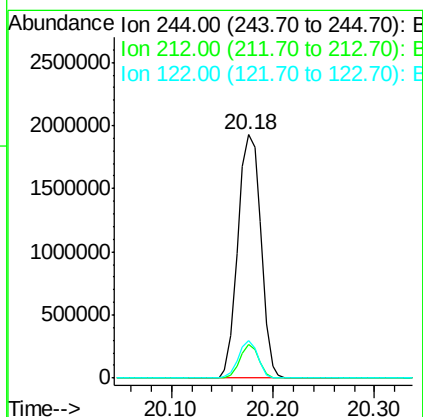
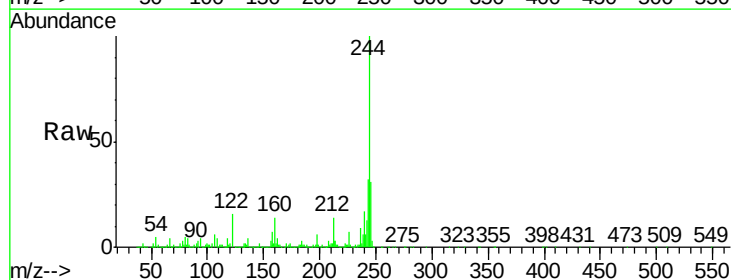
Instrument :
BNA_G
ClientSampleId :
GW-30-6.6-15.0

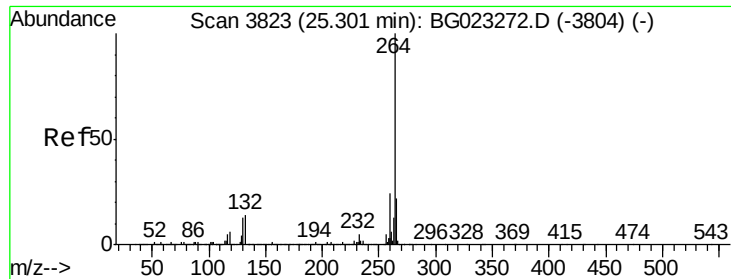
Tgt Ion:240 Resp: 1084052
Ion Ratio Lower Upper
240 100
120 10.5 4.1 6.1#
236 27.3 21.1 31.7



#78
Terphenyl-d14
Concen: 91.32 ng
RT: 20.18 min Scan# 2951
Delta R.T. -0.00 min
Lab File: BG023346.D
Acq: 29 Jul 2016 23:12

Tgt Ion:244 Resp: 3045487
Ion Ratio Lower Upper
244 100
212 13.7 10.8 16.2
122 15.5 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: BG023346.D
Acq: 29 Jul 2016 23:12

Instrument :
BNA_G
ClientSampleId :
GW-30-6.6-15.0

Tgt Ion:	264	Resp:	1109837
Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.4	27.6
265	22.2	18.9	28.3

