

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073016\
 Data File : BG023347.D
 Acq On : 29 Jul 2016 23:53
 Operator : UM/SJ
 Sample : H4176-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-34-7.0-15.0

Quant Time: Jul 30 01:16:46 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

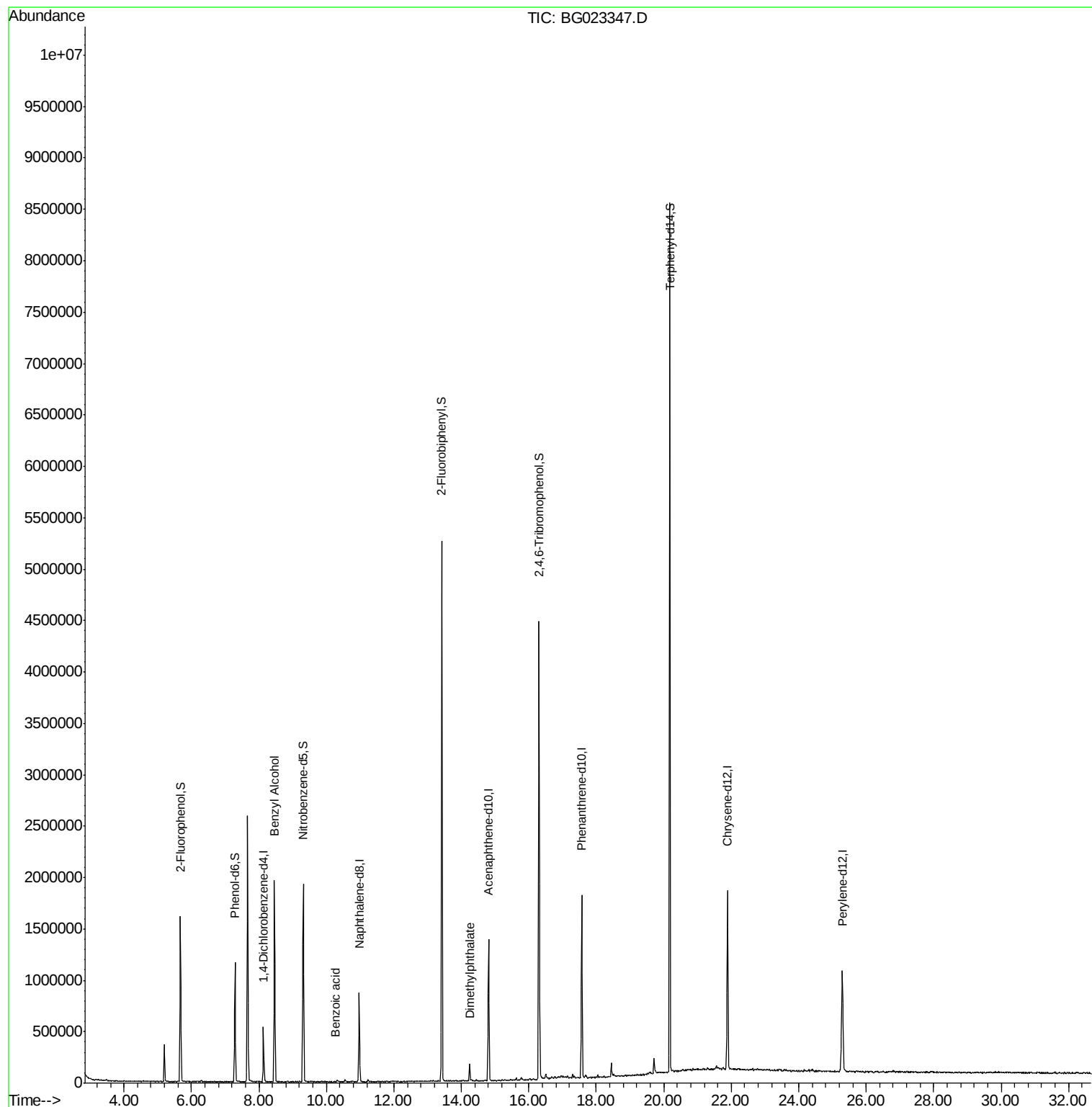
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	149444	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	696968	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	488147	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1064562	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1076398	20.00	ng	0.00
86) Perylene-d12	25.30	264	1078470	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	688837	78.69	ng	0.00
7) Phenol-d6	7.29	99	731788	54.45	ng	0.00
23) Nitrobenzene-d5	9.31	82	1249490	87.67	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	835049	165.28	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2540064	97.39	ng	0.00
78) Terphenyl-d14	20.18	244	2944983	88.94	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.46	79	18496	2.04	ng	# 70
32) Benzoic acid	10.28	122	74	8.12	ng	# 19
49) Dimethylphthalate	14.25	163	116379	3.23	ng	# 97

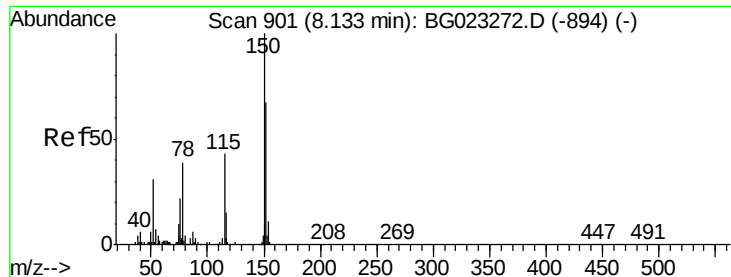
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG023347.D

Acq: 29 Jul 2016 23:53

Instrument :

BNA_G

ClientSampleId :

GW-34-7.0-15.0

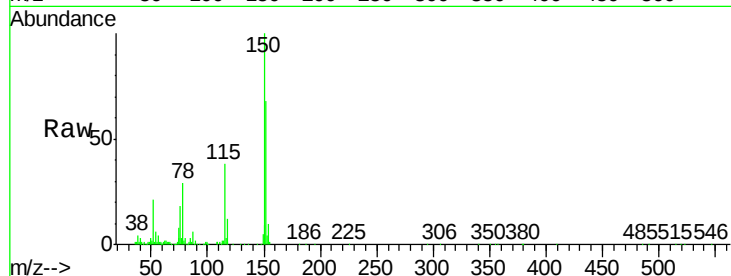
Tgt Ion:152 Resp: 149444

Ion Ratio Lower Upper

152 100

150 147.0 144.7 217.1

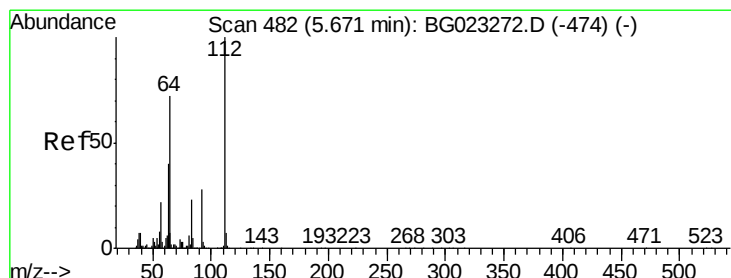
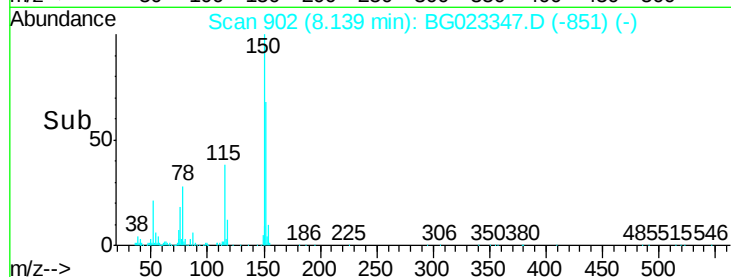
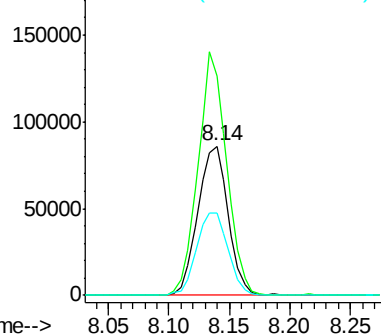
115 55.5 64.0 96.0#



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: 78.69 ng

RT: 5.67 min Scan# 482

Delta R.T. -0.00 min

Lab File: BG023347.D

Acq: 29 Jul 2016 23:53

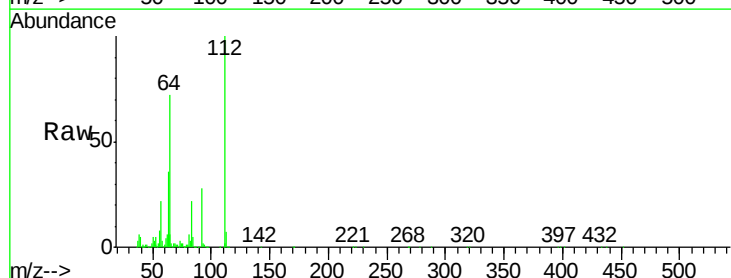
Tgt Ion:112 Resp: 688837

Ion Ratio Lower Upper

112 100

64 71.8 59.0 88.4

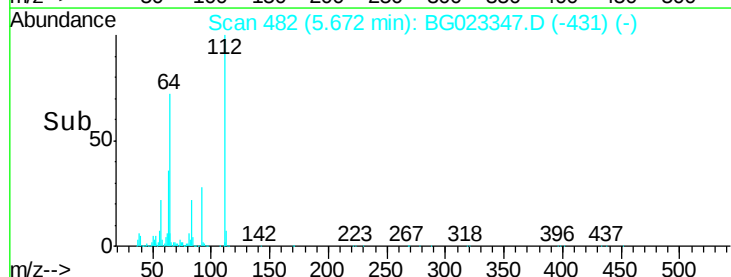
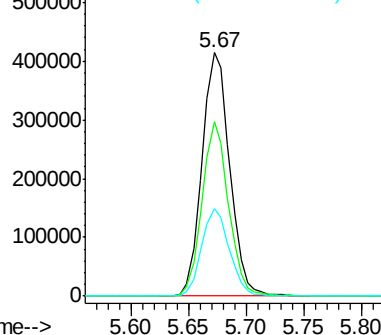
63 35.8 37.8 56.8#

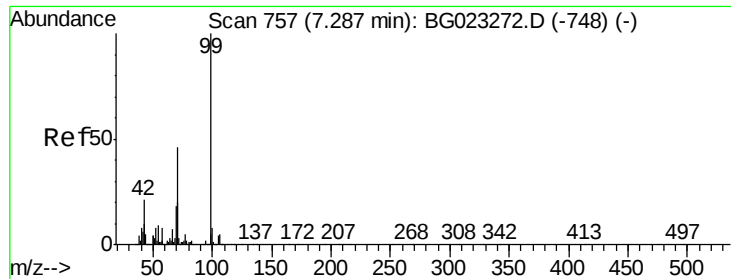


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 54.45 ng

RT: 7.29 min Scan# 757

Delta R.T. -0.00 min

Lab File: BG023347.D

Acq: 29 Jul 2016 23:53

Instrument :

BNA_G

ClientSampleId :

GW-34-7.0-15.0

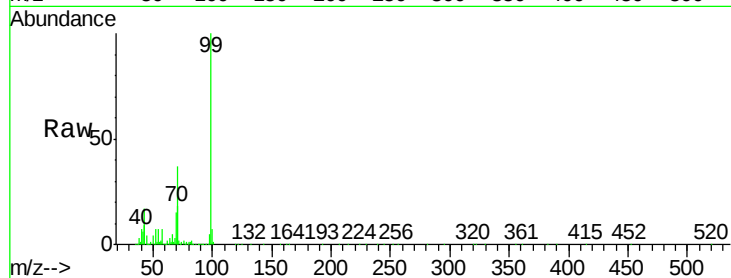
Tgt Ion: 99 Resp: 731788

Ion Ratio Lower Upper

99 100

42 17.2 17.8 26.6#

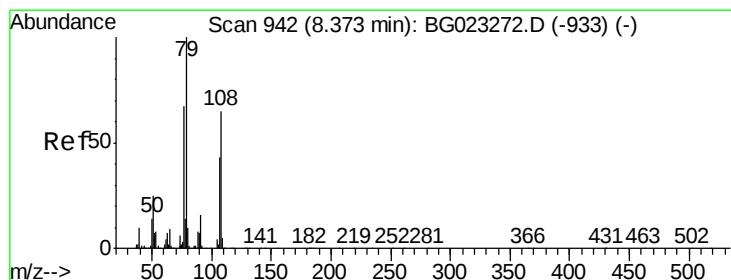
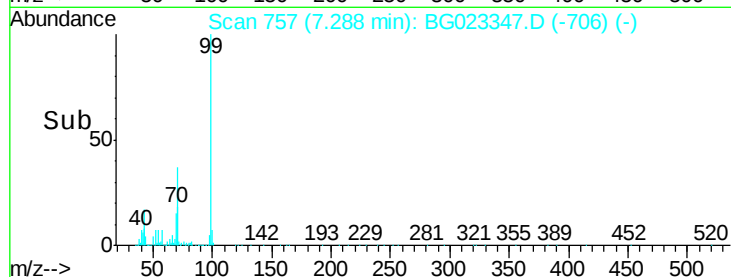
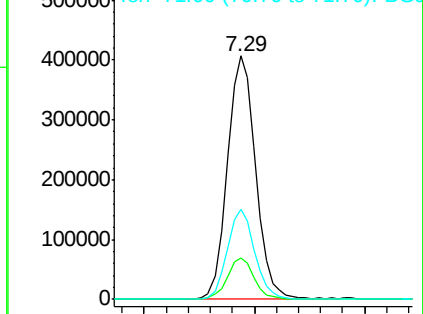
71 37.2 41.5 62.3#



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: 2.04 ng

RT: 8.46 min Scan# 956

Delta R.T. 0.08 min

Lab File: BG023347.D

Acq: 29 Jul 2016 23:53

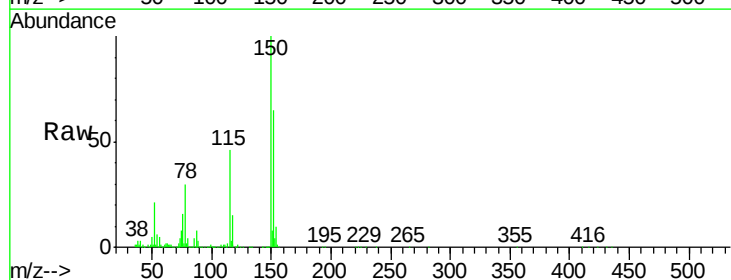
Tgt Ion: 79 Resp: 18496

Ion Ratio Lower Upper

79 100

108 35.1 46.5 69.7#

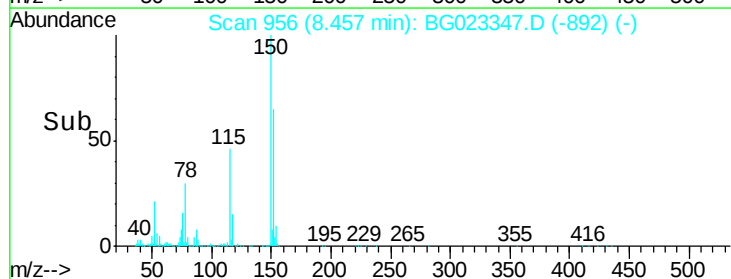
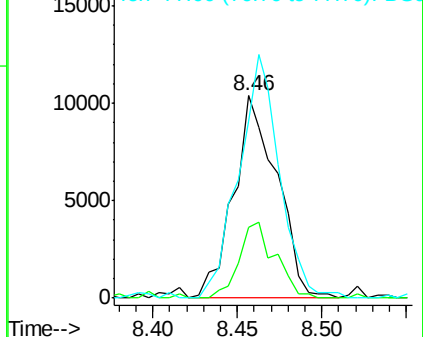
77 87.8 52.3 78.5#

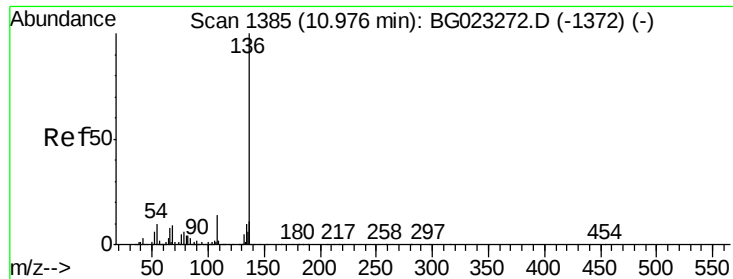


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

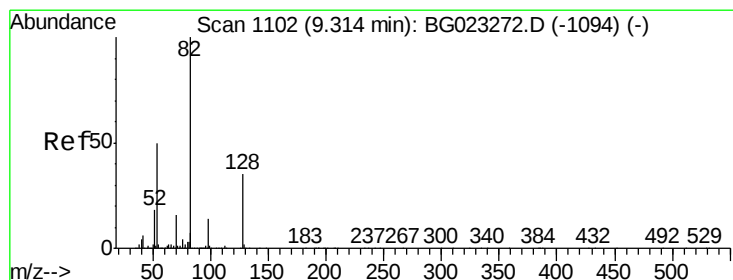
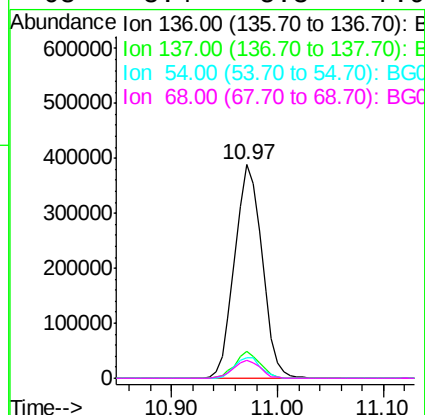
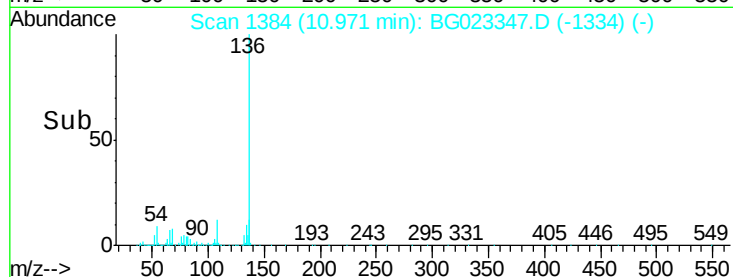
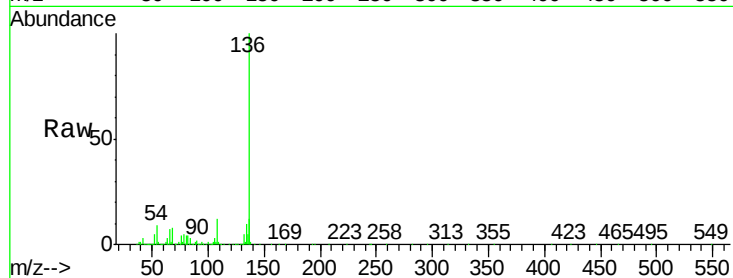




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.97 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BG023347.D
Acq: 29 Jul 2016 23:53

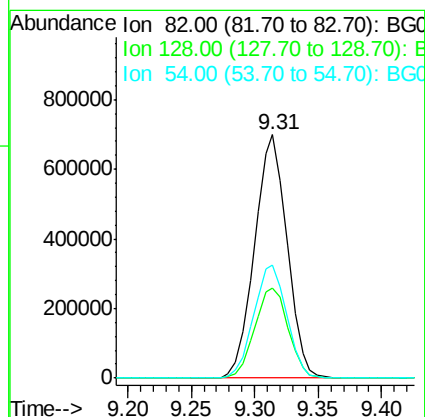
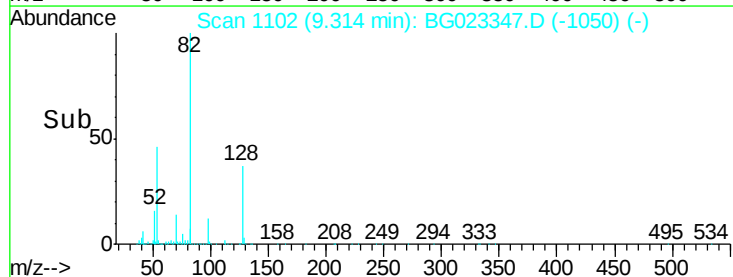
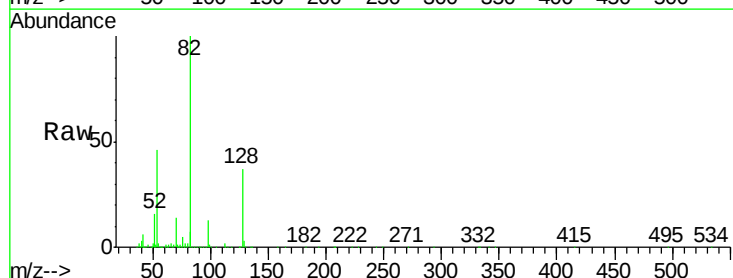
Instrument :
BNA_G
ClientSampleId :
GW-34-7.0-15.0

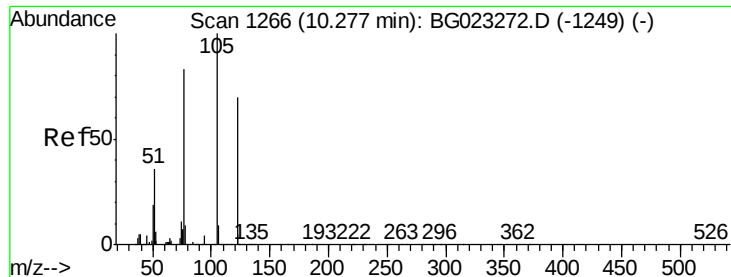
Tgt Ion:	136	Resp:	696968
Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.6	14.4
54	9.4	7.3	10.9
68	8.4	5.3	7.9#



#23
Nitrobenzene-d5
Concen: 87.67 ng
RT: 9.31 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BG023347.D
Acq: 29 Jul 2016 23:53

Tgt Ion:	82	Resp:	1249490
Ion	Ratio	Lower	Upper
82	100		
128	36.8	24.4	36.6#
54	46.4	41.4	62.0

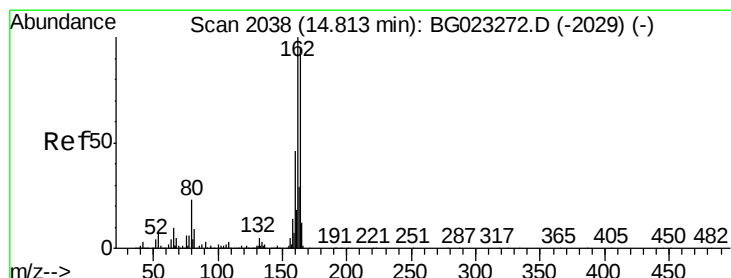
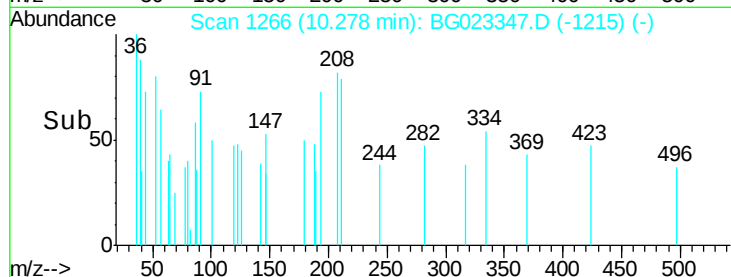
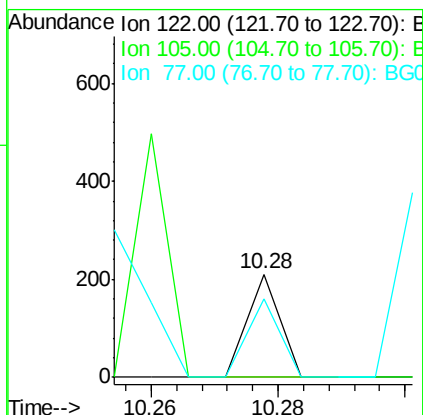
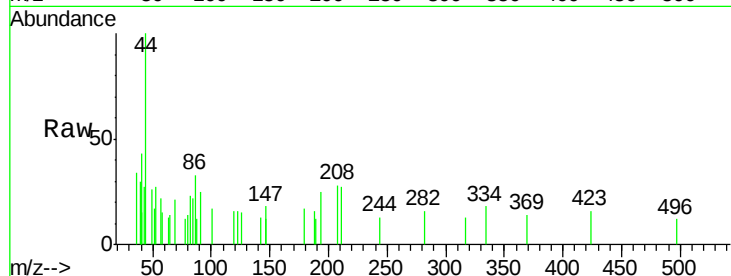




#32
Benzoic acid
Concen: 8.12 ng
RT: 10.28 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BG023347.D
Acq: 29 Jul 2016 23:53

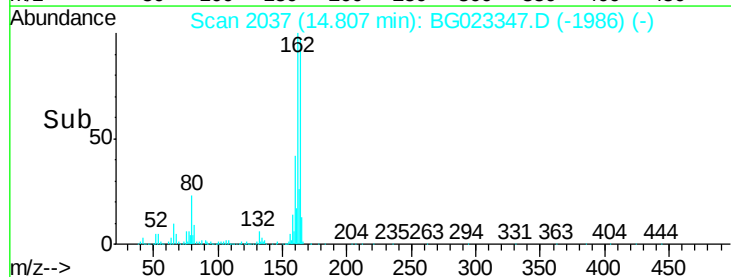
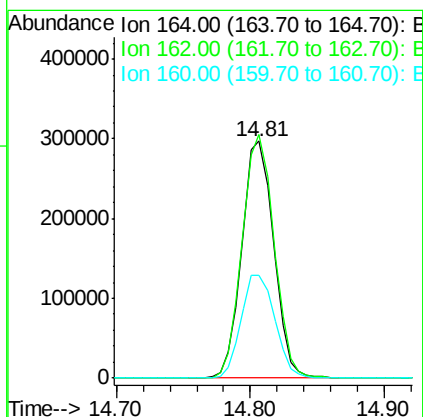
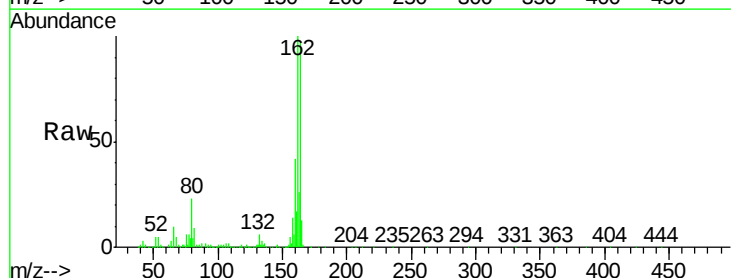
Instrument :
BNA_G
ClientSampleId :
GW-34-7.0-15.0

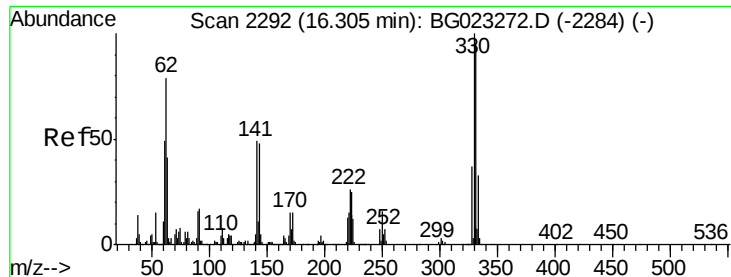
Tgt Ion:122 Resp: 74
Ion Ratio Lower Upper
122 100
105 0.0 117.2 157.2#
77 76.7 109.2 149.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BG023347.D
Acq: 29 Jul 2016 23:53

Tgt Ion:164 Resp: 488147
Ion Ratio Lower Upper
164 100
162 102.8 87.7 131.5
160 43.4 37.2 55.8

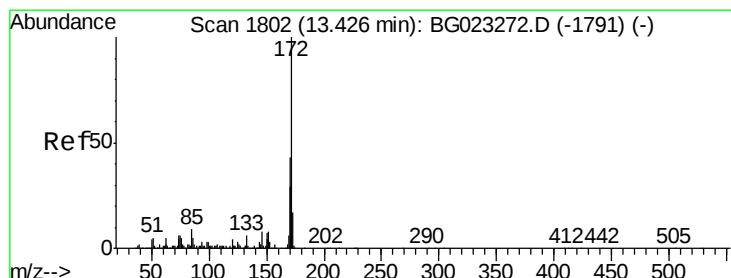
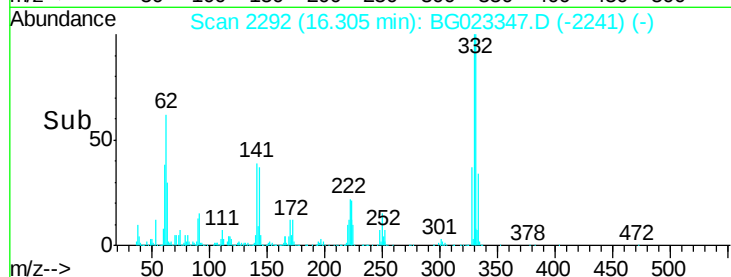
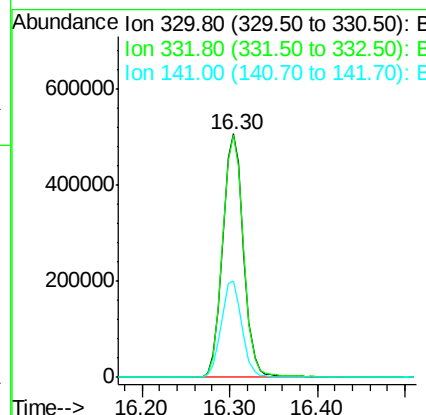
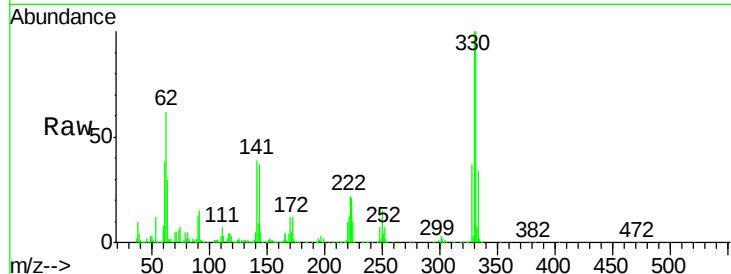




#41
 2,4,6-Tribromophenol
 Concen: 165.28 ng
 RT: 16.30 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: BG023347.D
 Acq: 29 Jul 2016 23:53

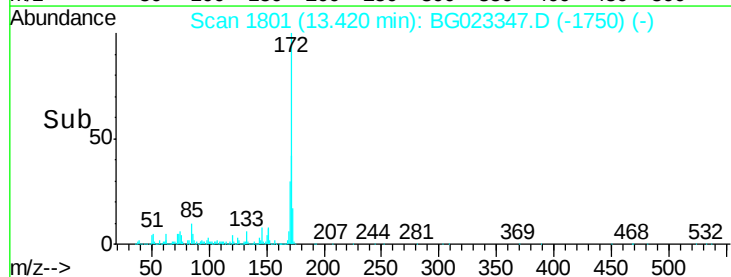
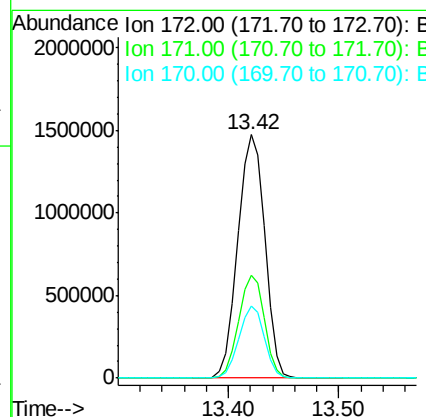
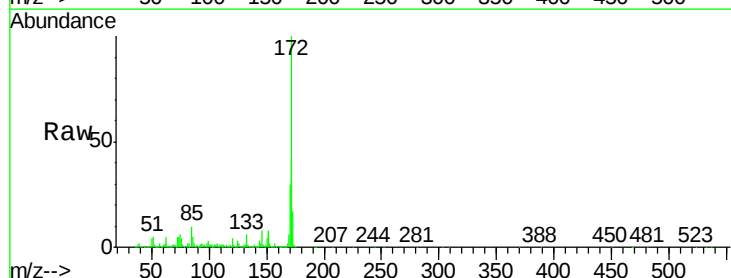
Instrument :
 BNA_G
 ClientSampleId :
 GW-34-7.0-15.0

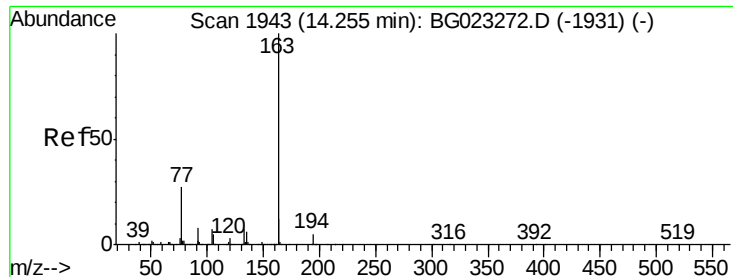
Tgt Ion:330 Resp: 835049
 Ion Ratio Lower Upper
 330 100
 332 99.8 77.4 116.2
 141 39.2 31.7 47.5



#44
 2-Fluorobiphenyl
 Concen: 97.39 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: BG023347.D
 Acq: 29 Jul 2016 23:53

Tgt Ion:172 Resp: 2540064
 Ion Ratio Lower Upper
 172 100
 171 42.5 31.6 47.4
 170 29.8 21.3 31.9





#49

Dimethylphthalate

Concen: 3.23 ng

RT: 14.25 min Scan# 1942

Delta R.T. -0.00 min

Lab File: BG023347.D

Acq: 29 Jul 2016 23:53

Instrument :

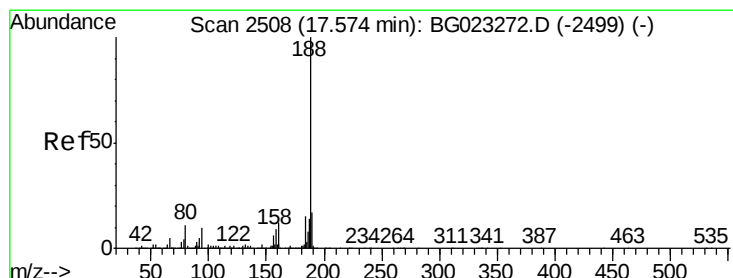
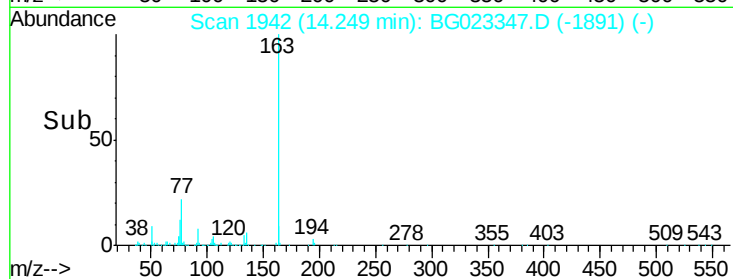
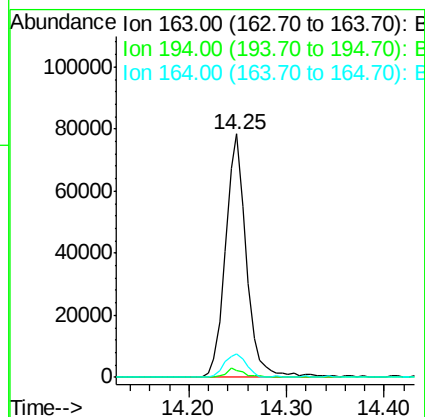
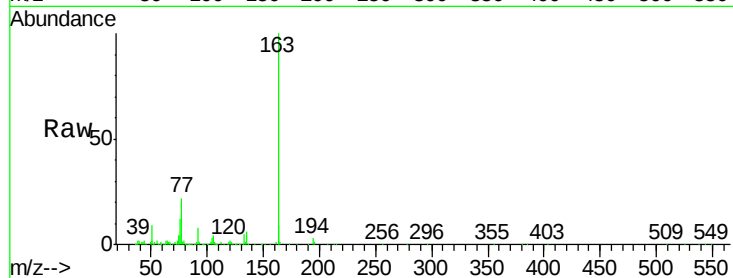
BNA_G

ClientSampleId :

GW-34-7.0-15.0

Tgt Ion:163 Resp: 116379

Ion	Ratio	Lower	Upper
163	100		
194	2.9	3.6	5.4#
164	9.5	8.1	12.1



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.57 min Scan# 2507

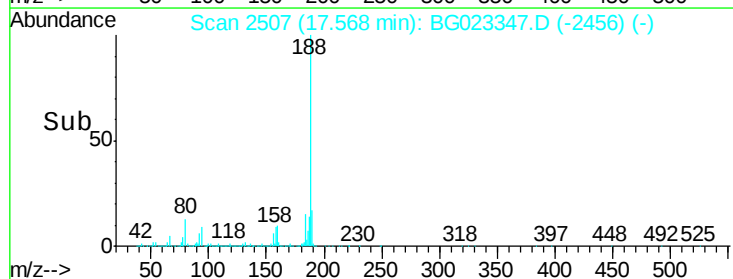
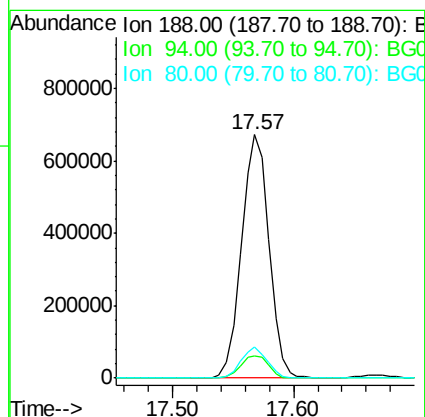
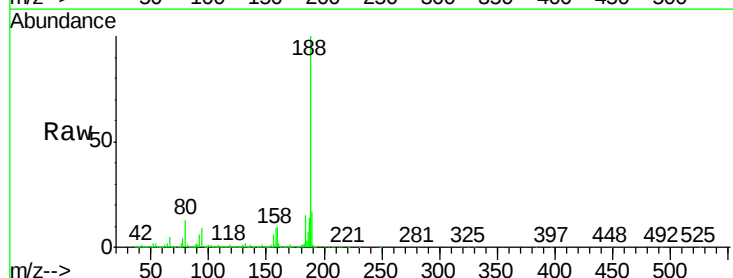
Delta R.T. -0.00 min

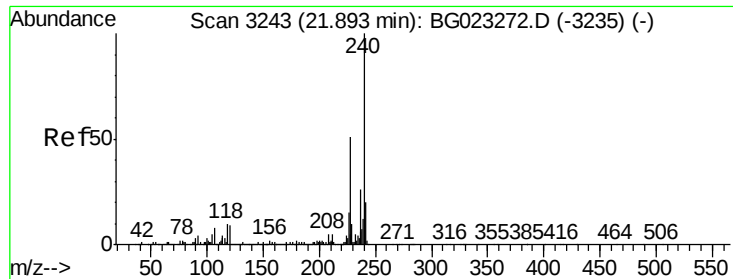
Lab File: BG023347.D

Acq: 29 Jul 2016 23:53

Tgt Ion:188 Resp: 1064562

Ion	Ratio	Lower	Upper
188	100		
94	9.3	5.2	7.8#
80	12.7	7.2	10.8#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.89 min Scan# 3243

Delta R.T. 0.00 min

Lab File: BG023347.D

Acq: 29 Jul 2016 23:53

Instrument :

BNA_G

ClientSampleId :

GW-34-7.0-15.0

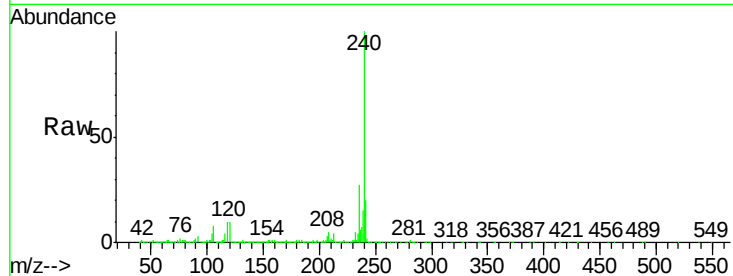
Tgt Ion:240 Resp: 1076398

Ion Ratio Lower Upper

240 100

120 10.4 4.1 6.1#

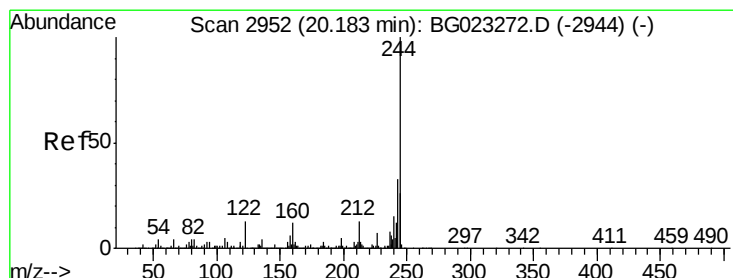
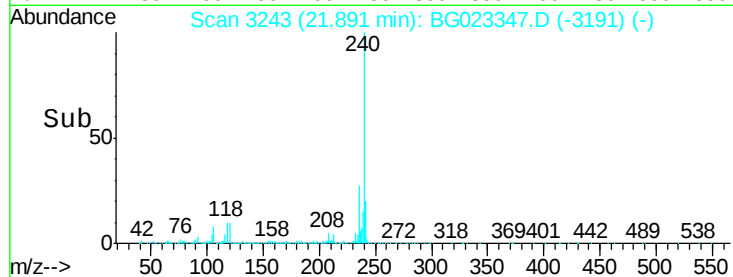
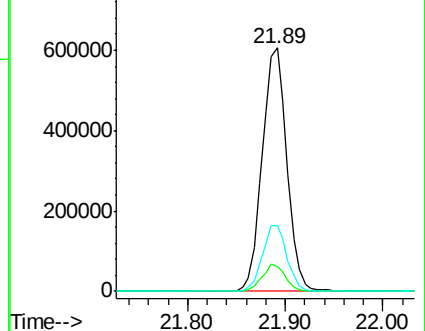
236 26.9 21.1 31.7



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: 88.94 ng

RT: 20.18 min Scan# 2951

Delta R.T. -0.00 min

Lab File: BG023347.D

Acq: 29 Jul 2016 23:53

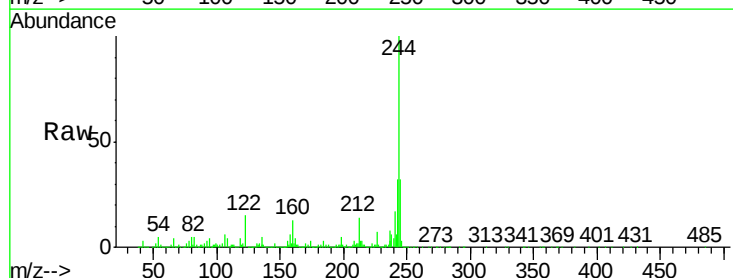
Tgt Ion:244 Resp: 2944983

Ion Ratio Lower Upper

244 100

212 13.6 10.8 16.2

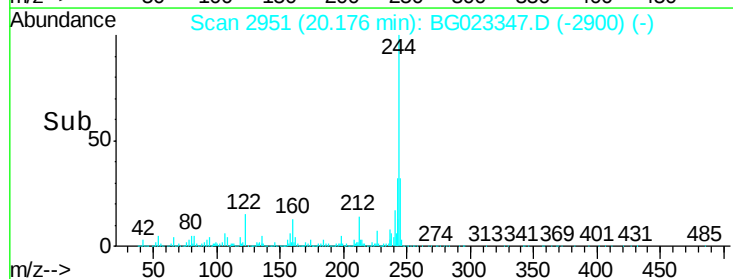
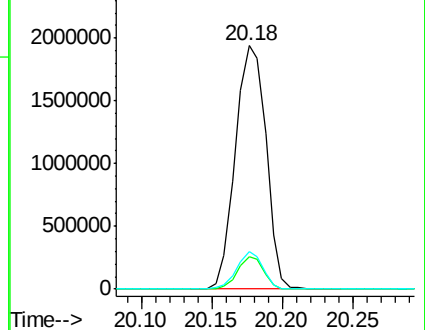
122 15.5 8.0 12.0#

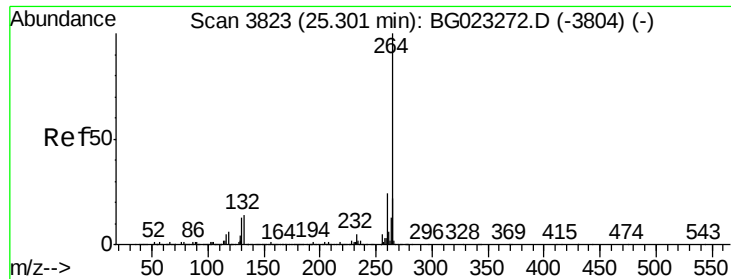


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.30 min Scan# 3823
Delta R.T. -0.00 min
Lab File: BG023347.D
Acq: 29 Jul 2016 23:53

Instrument :
BNA_G
ClientSampleId :
GW-34-7.0-15.0

Tgt Ion: 264 Resp: 1078470

Ion	Ratio	Lower	Upper
264	100		
260	25.6	18.4	27.6
265	21.2	18.9	28.3

