

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030518\
 Data File : BG032985.D
 Acq On : 5 Mar 2018 12:11
 Operator : SJ/JU
 Sample : J1751-12RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 05 13:43:15 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 01 17:38:52 2018
 Response via : Initial Calibration

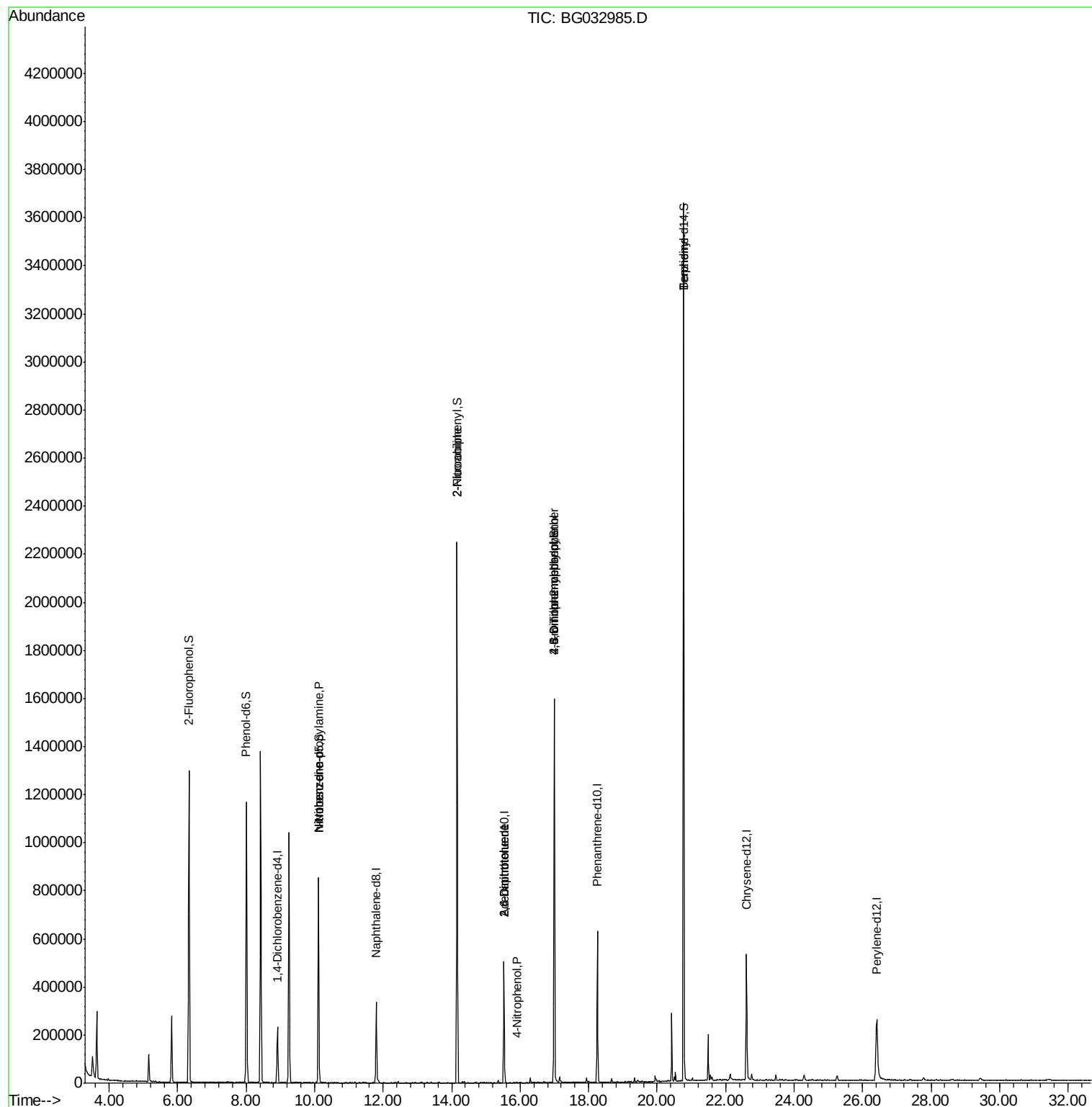
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	68830	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	296068	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	169184	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	376680	20.00	ng	0.00
75) Chrysene-d12	22.61	240	349501	20.00	ng	-0.01
86) Perylene-d12	26.42	264	341007	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	602807	140.11	ng	0.00
7) Phenol-d6	8.01	99	738421	123.14	ng	0.00
23) Nitrobenzene-d5	10.11	82	531966	120.06	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	278817	156.73	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	1145230	97.63	ng	0.00
78) Terphenyl-d14	20.77	244	1603248	103.06	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.11	70	70345	16.616	ng	# 84
24) Nitrobenzene	10.10	77	1779	6.707	ng	# 42
47) 2-Nitroaniline	14.16	65	2425	10.528	ng	# 7
50) 2,6-Dinitrotoluene	15.53	165	21825	16.376	ng	# 21
55) 4-Nitrophenol	15.92	139	56	7.102	ng	# 1
56) 2,4-Dinitrotoluene	15.53	165	21825	14.573	ng	# 18
64) 4,6-Dinitro-2-methylphenol	17.00	198	802	5.853	ng	# 1
66) 4-Bromophenyl-phenylether	17.00	248	20310	5.099	ng	# 1
76) Benzidine	20.77	184	28864	2.423	ng	# 95

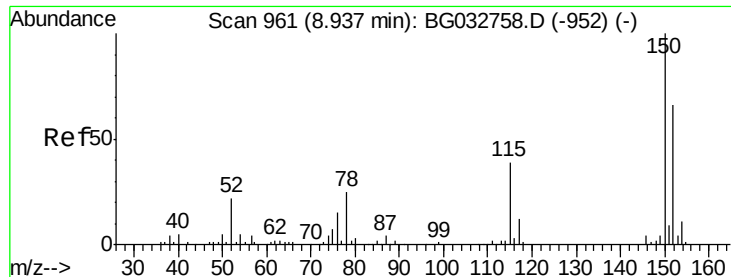
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030518\
Data File : BG032985.D
Acq On : 5 Mar 2018 12:11
Operator : SJ/JU
Sample : J1751-12RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 05 13:43:15 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 01 17:38:52 2018
Response via : Initial Calibration



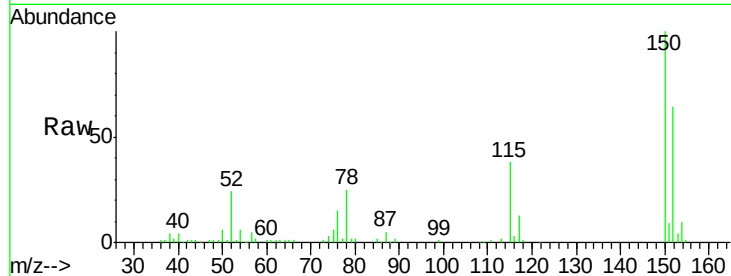


#1

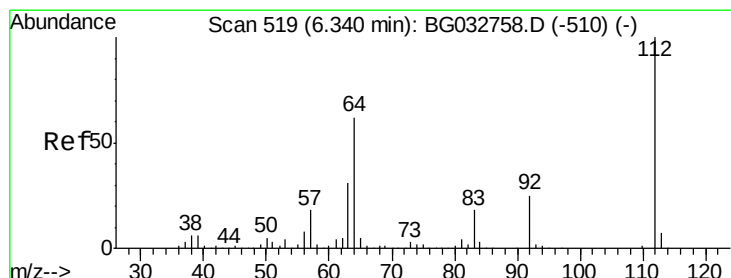
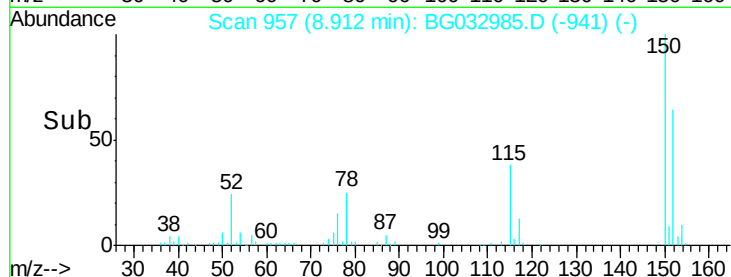
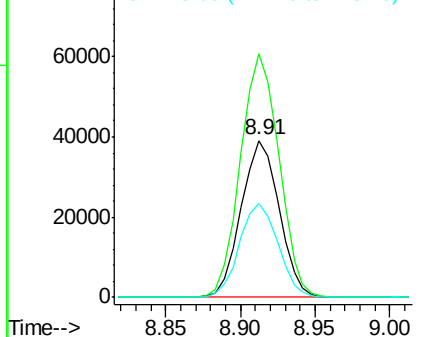
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.01 min
Lab File: BG032985.D
Acq: 5 Mar 2018 12:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 68830
Ion Ratio Lower Upper
152 100
150 155.2 126.6 189.8
115 59.6 53.0 79.4



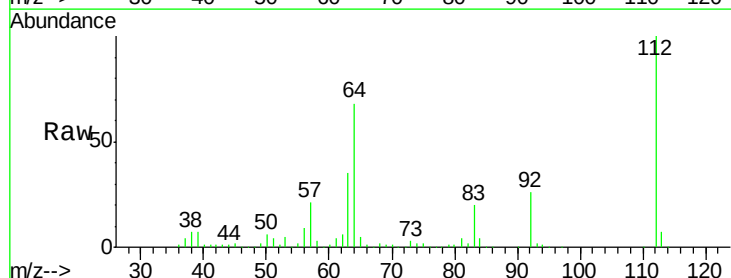
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



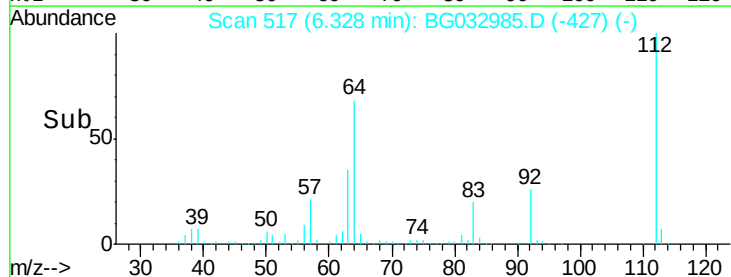
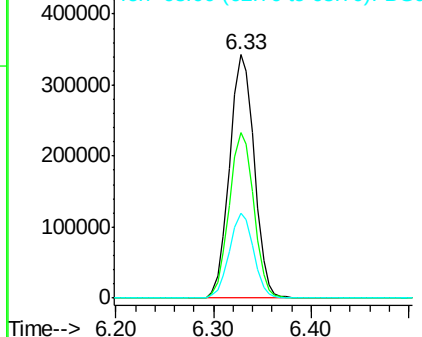
#5

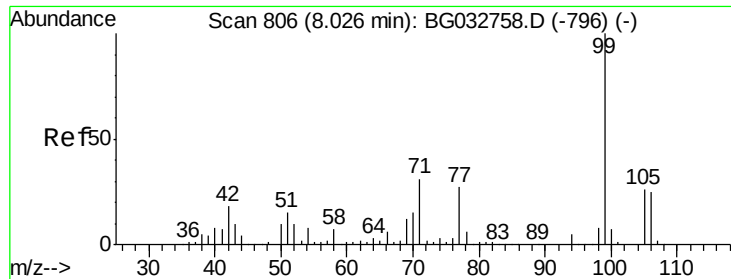
2-Fluorophenol
Concen: 140.114 ng
RT: 6.33 min Scan# 517
Delta R.T. -0.00 min
Lab File: BG032985.D
Acq: 5 Mar 2018 12:11

Tgt Ion:112 Resp: 602807
Ion Ratio Lower Upper
112 100
64 68.3 56.3 84.5
63 34.6 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 123.137 ng

RT: 8.01 min Scan# 803

Delta R.T. -0.01 min

Lab File: BG032985.D

Acq: 5 Mar 2018 12:11

Instrument :

BNA_G

ClientSampleId :

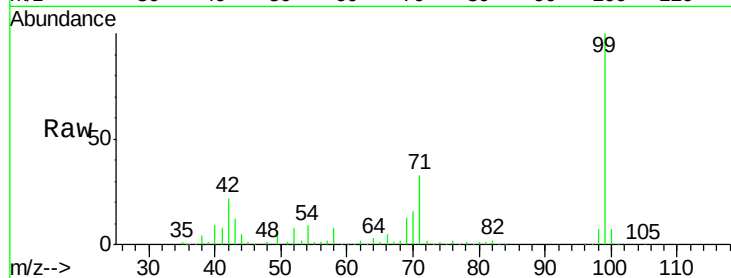
Tot Ion: 99 Resp: 738421

Ion Ratio Lower Upper

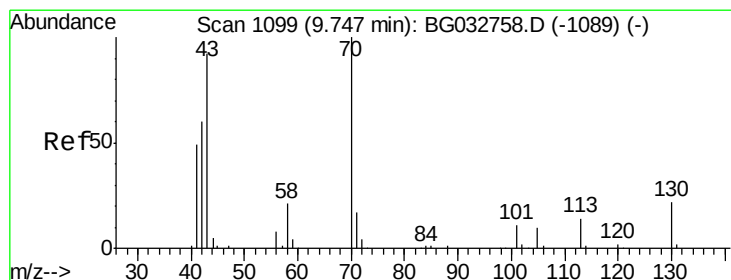
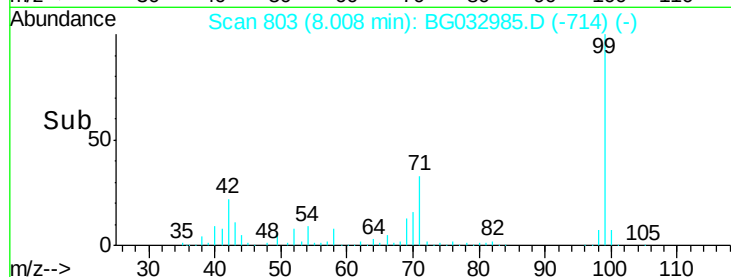
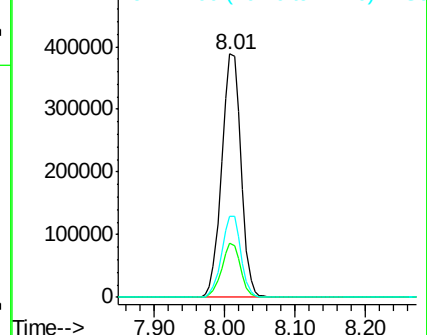
99 100

42 22.2 14.1 21.1#

71 33.3 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



#19

n-Nitroso-di-n-propylamine

Concen: 16.616 ng

RT: 10.11 min Scan# 1161

Delta R.T. 0.38 min

Lab File: BG032985.D

Acq: 5 Mar 2018 12:11

Tgt Ion: 70 Resp: 70345

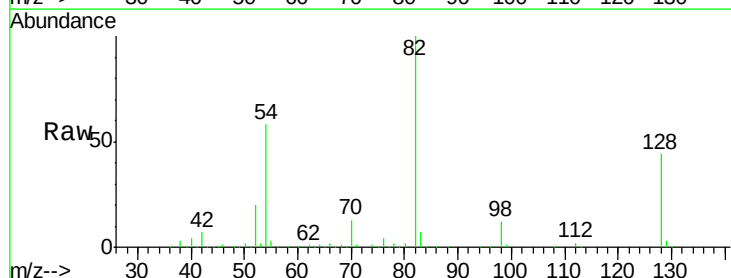
Ion Ratio Lower Upper

70 100

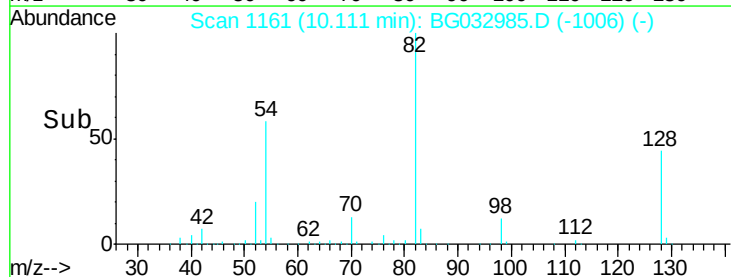
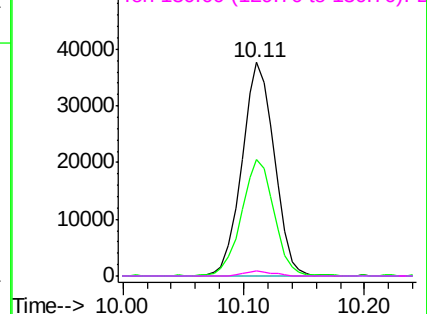
42 54.6 49.1 73.7

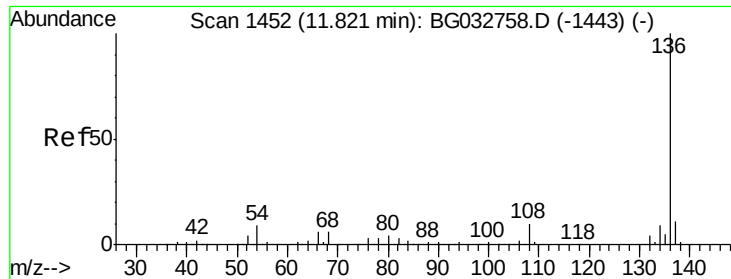
101 0.0 8.5 12.7#

130 2.1 13.4 20.0#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

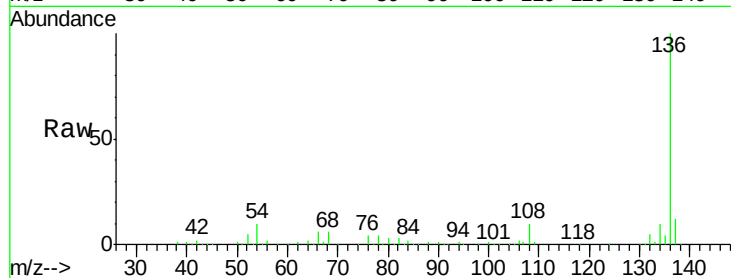




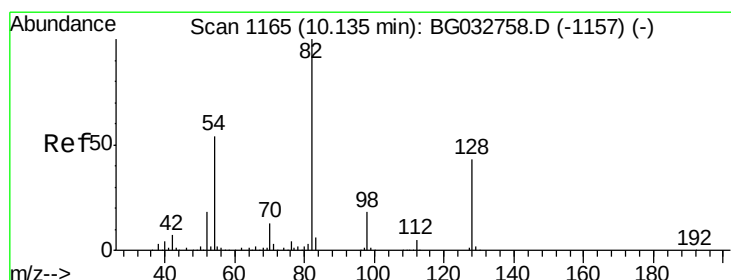
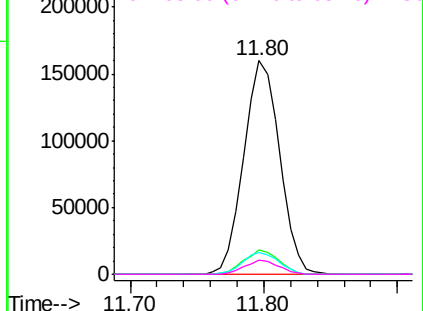
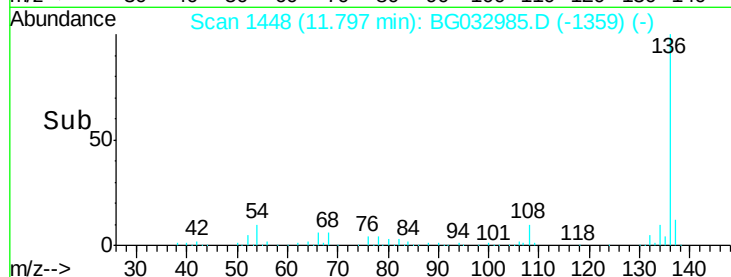
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.80 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BG032985.D
Acq: 5 Mar 2018 12:11

Instrument :
BNA_G
ClientSampled :

Tot Ion:	136	Resp:	296068
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	10.3	10.3	15.5
68	6.4	4.5	6.7

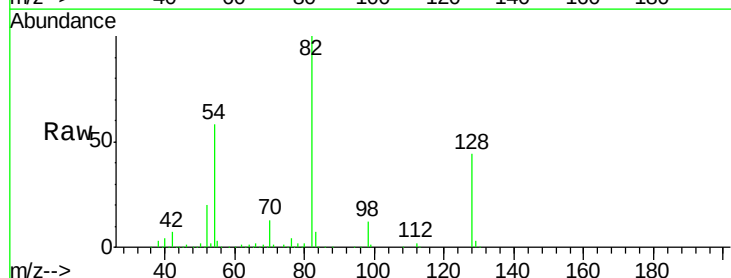


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

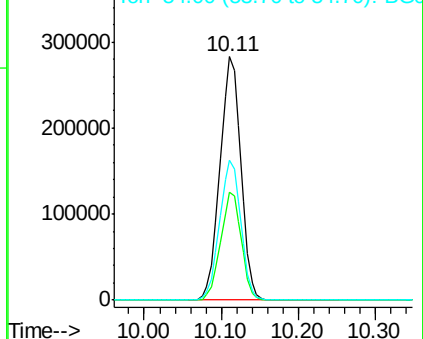
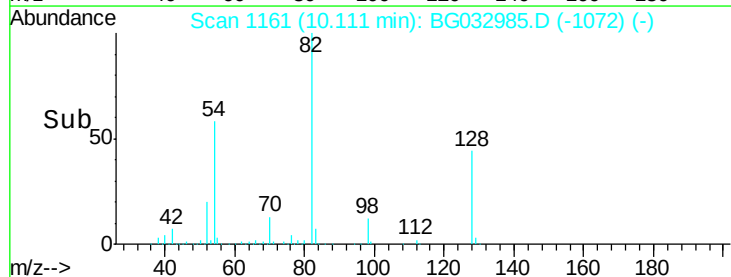


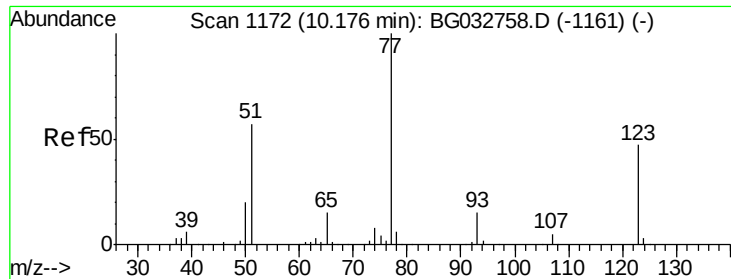
#23
Nitrobenzene-d5
Concen: 120.059 ng
RT: 10.11 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BG032985.D
Acq: 5 Mar 2018 12:11

Tgt Ion:	82	Resp:	531966
Ion	Ratio	Lower	Upper
82	100		
128	44.2	29.7	44.5
54	57.6	43.1	64.7



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





#24

Nitrobenzene

Concen: 6.707 ng

RT: 10.10 min Scan# 1160

Delta R.T. -0.06 min

Lab File: BG032985.D

Acq: 5 Mar 2018 12:11

Instrument :

BNA_G

ClientSampleId :

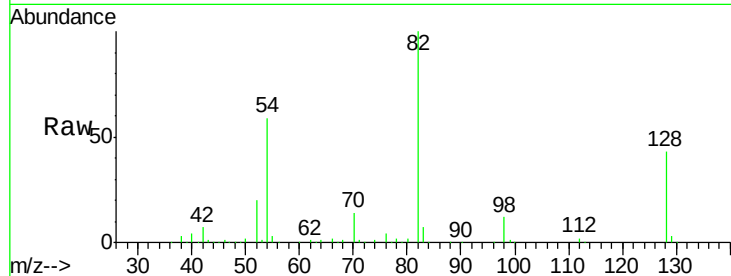
Tot Ion: 77 Resp: 1779

Ion Ratio Lower Upper

77 100

123 0.0 33.0 49.6#

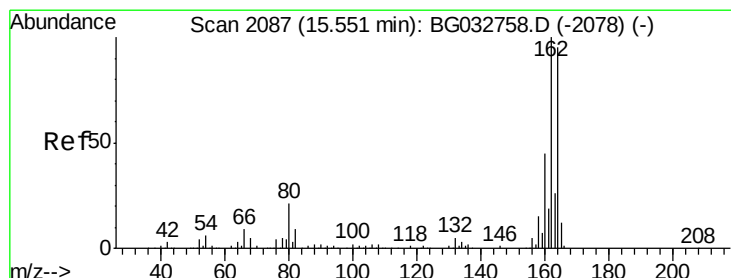
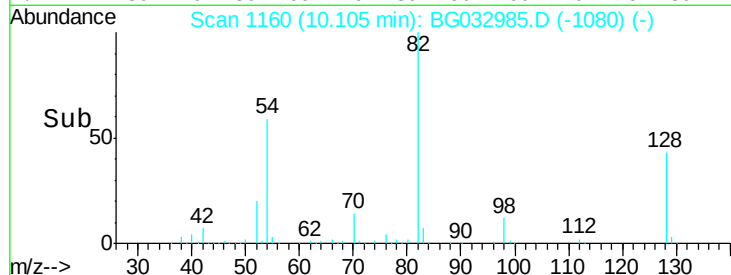
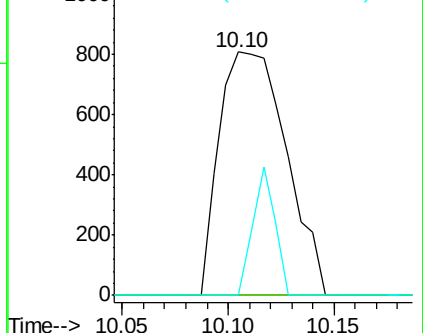
65 0.0 13.0 19.6#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.53 min Scan# 2083

Delta R.T. -0.01 min

Lab File: BG032985.D

Acq: 5 Mar 2018 12:11

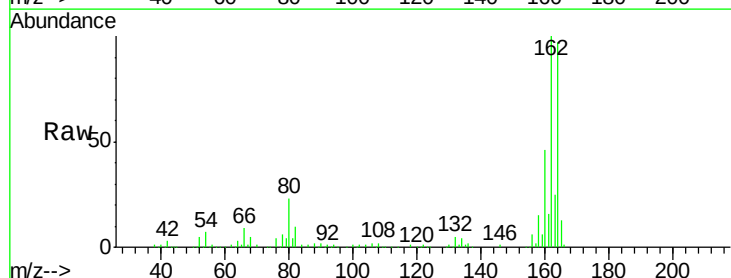
Tgt Ion:164 Resp: 169184

Ion Ratio Lower Upper

164 100

162 103.3 78.8 118.2

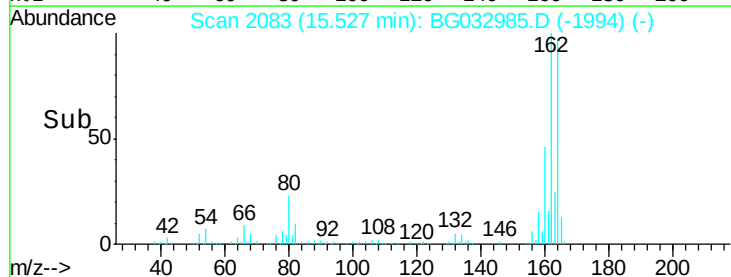
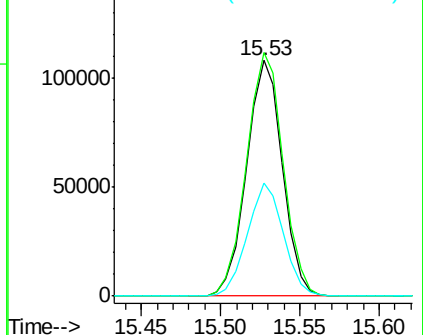
160 47.8 35.4 53.0

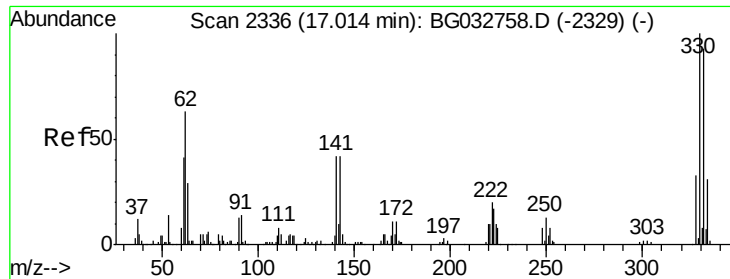


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

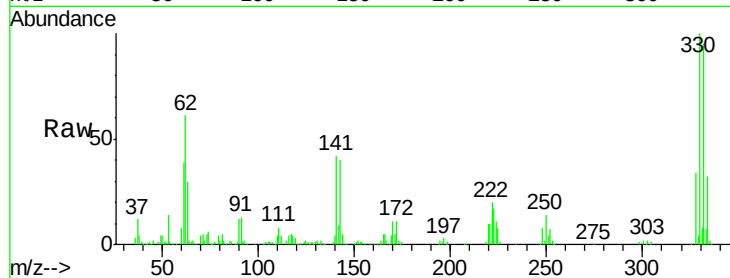




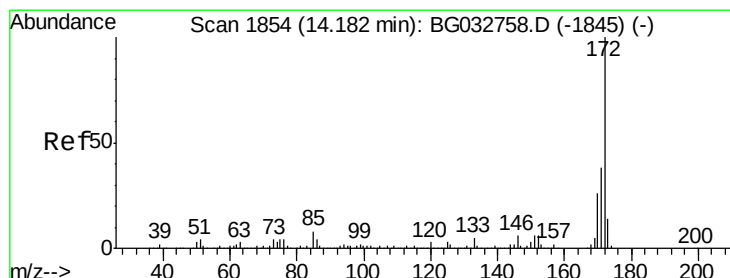
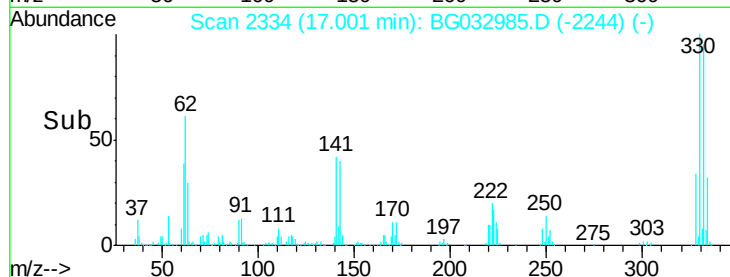
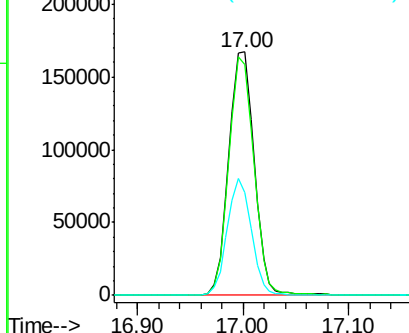
#41
2,4,6-Tribromophenol
Concen: 156.735 ng
RT: 17.00 min Scan# 2334
Delta R.T. -0.00 min
Lab File: BG032985.D
Acq: 5 Mar 2018 12:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion:330 Resp: 278817
Ion Ratio Lower Upper
330 100
332 97.2 77.0 115.6
141 45.7 25.2 37.8#

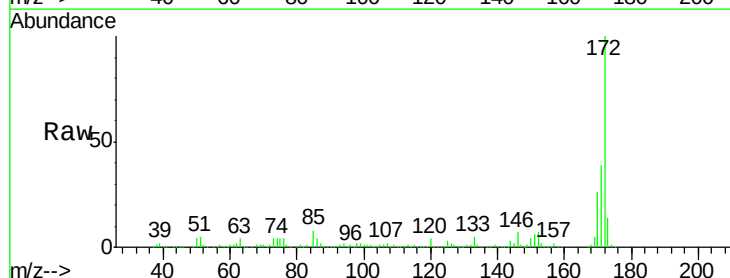


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

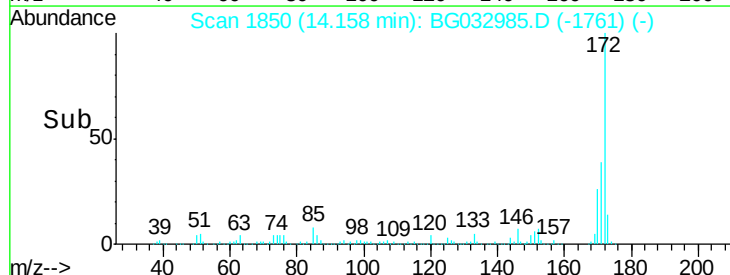
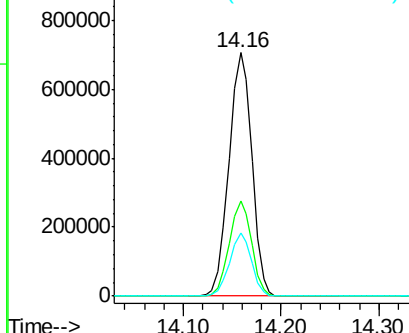


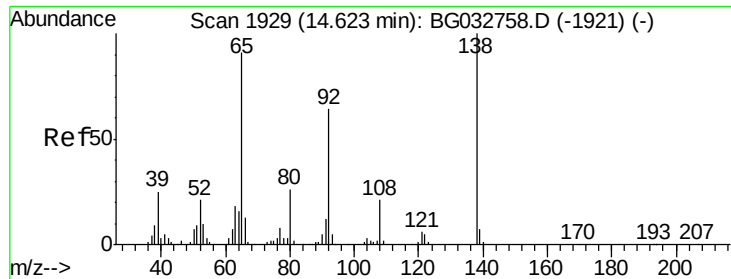
#44
2-Fluorobiphenyl
Concen: 97.628 ng
RT: 14.16 min Scan# 1850
Delta R.T. -0.01 min
Lab File: BG032985.D
Acq: 5 Mar 2018 12:11

Tgt Ion:172 Resp: 1145230
Ion Ratio Lower Upper
172 100
171 39.3 30.0 45.0
170 25.9 19.5 29.3



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

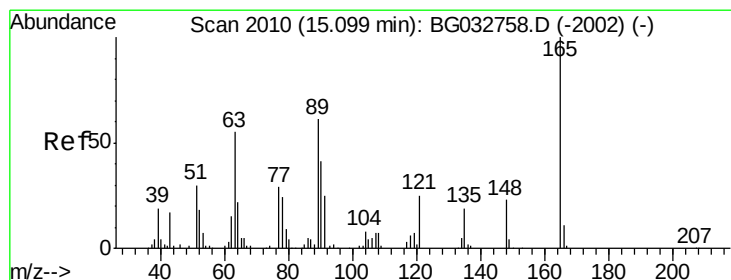
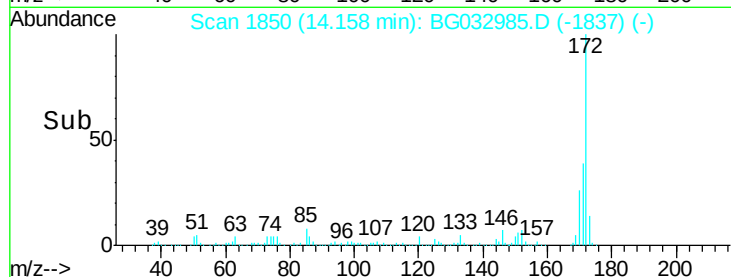
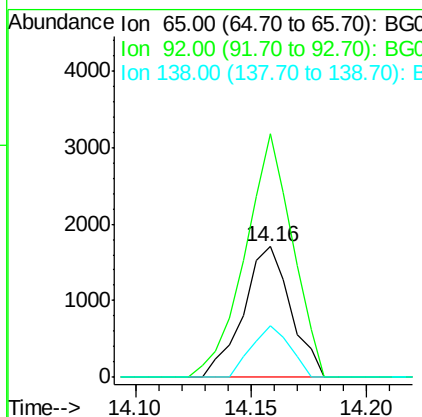
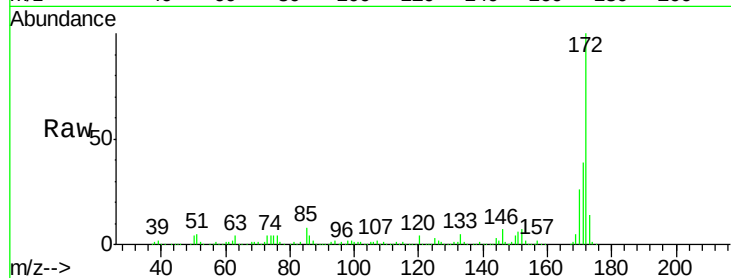




#47
 2-Nitroaniline
 Concen: 10.528 ng
 RT: 14.16 min Scan# 1850
 Delta R.T. -0.45 min
 Lab File: BG032985.D
 Acq: 5 Mar 2018 12:11

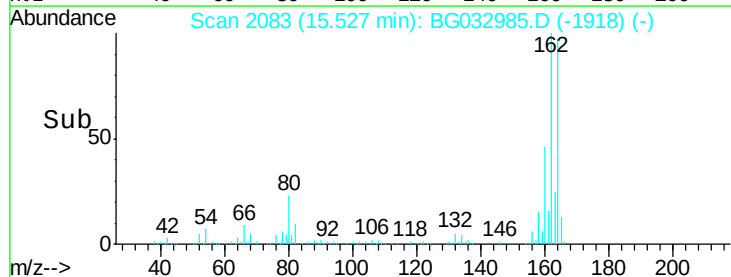
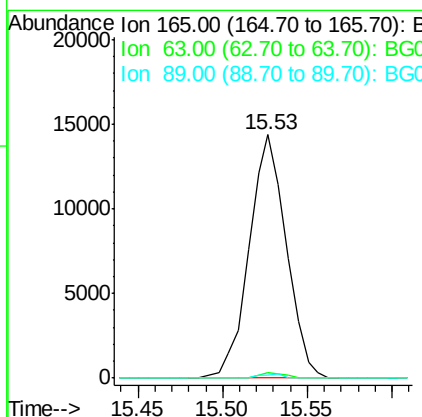
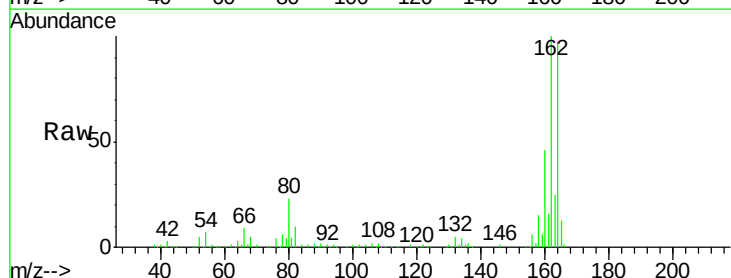
Instrument :
 BNA_G
 ClientSampled :

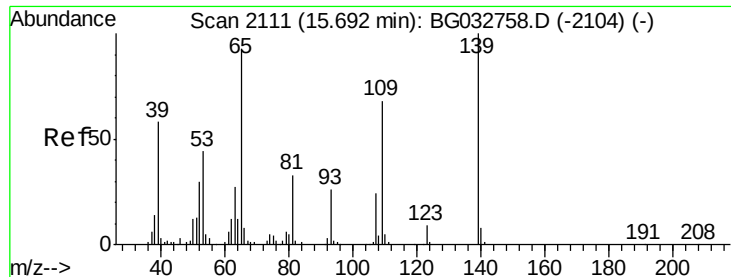
Tot Ion: 65 Resp: 2425
 Ion Ratio Lower Upper
 65 100
 92 186.5 54.6 82.0#
 138 39.9 72.9 109.3#



#50
 2,6-Dinitrotoluene
 Concen: 16.376 ng
 RT: 15.53 min Scan# 2083
 Delta R.T. 0.44 min
 Lab File: BG032985.D
 Acq: 5 Mar 2018 12:11

Tgt Ion:165 Resp: 21825
 Ion Ratio Lower Upper
 165 100
 63 2.3 52.7 79.1#
 89 1.2 49.2 73.8#

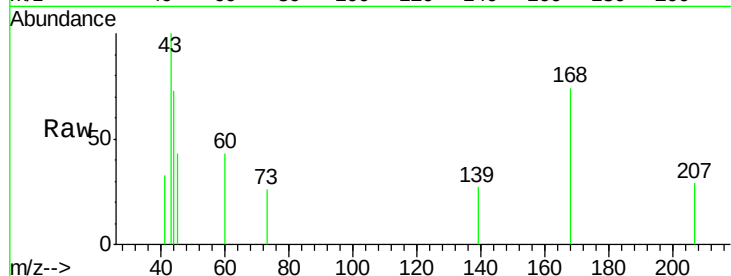




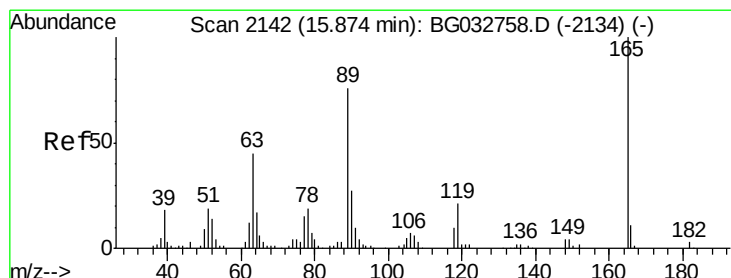
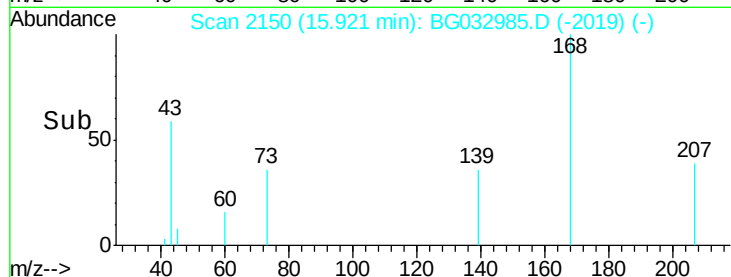
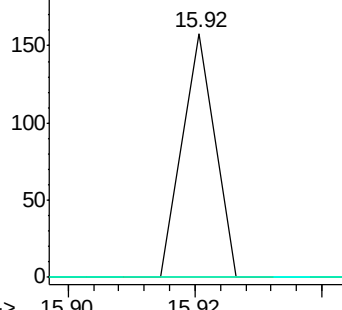
#55
4-Nitrophenol
Concen: 7.102 ng
RT: 15.92 min Scan# 2150
Delta R.T. 0.24 min
Lab File: BG032985.D
Acq: 5 Mar 2018 12:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	0.0	62.2	102.2#
65	0.0	97.2	137.2#

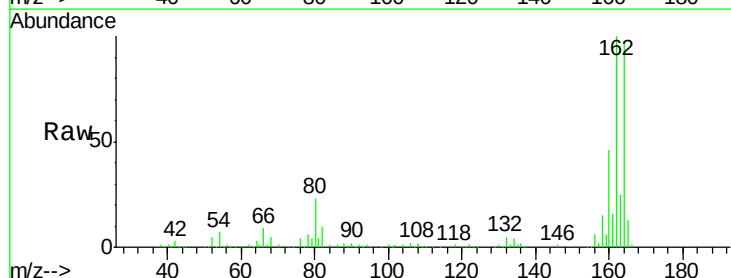


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

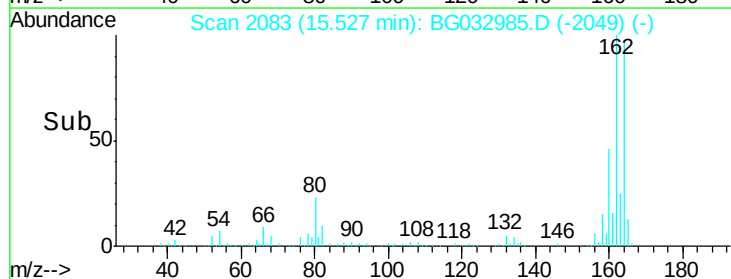
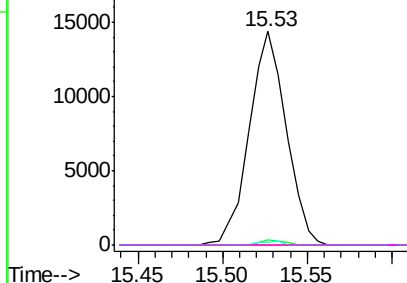


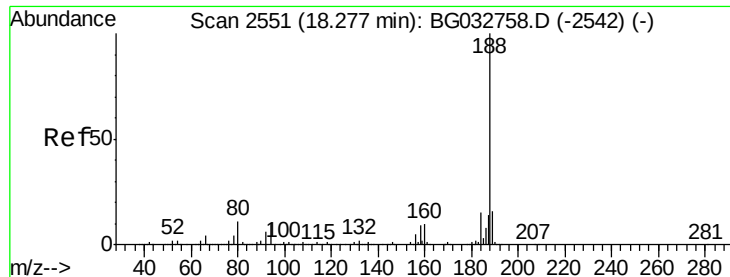
#56
2,4-Dinitrotoluene
Concen: 14.573 ng
RT: 15.53 min Scan# 2083
Delta R.T. -0.33 min
Lab File: BG032985.D
Acq: 5 Mar 2018 12:11

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.3	42.0	63.0#
89	1.2	66.9	100.3#
182	0.0	2.6	3.8#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

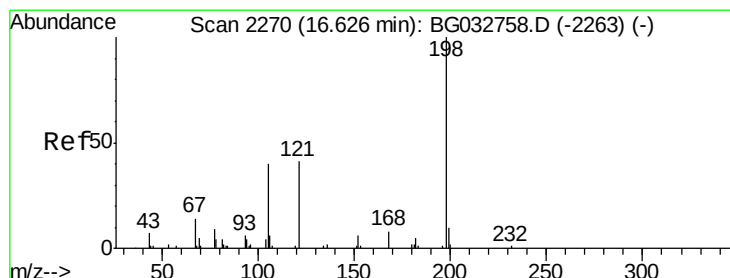
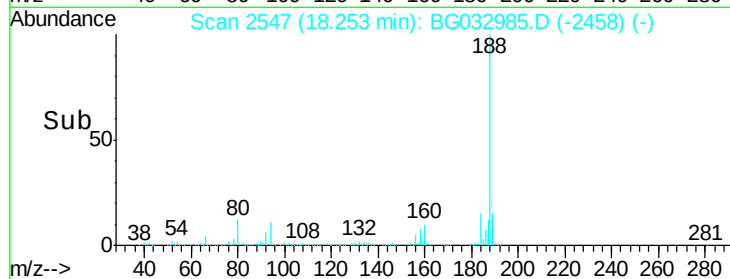
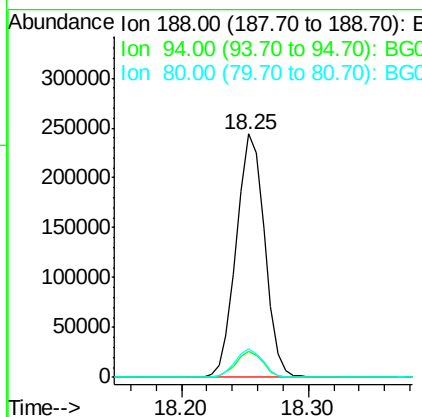
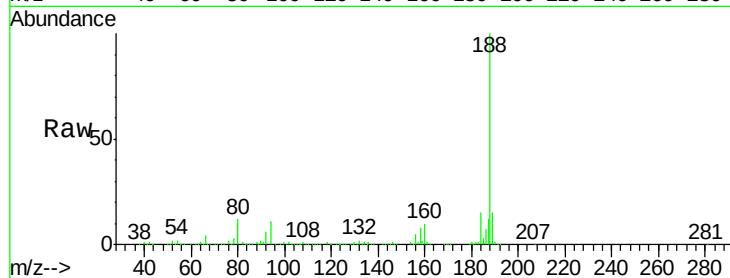




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.25 min Scan# 2547
 Delta R.T. -0.01 min
 Lab File: BG032985.D
 Acq: 5 Mar 2018 12:11

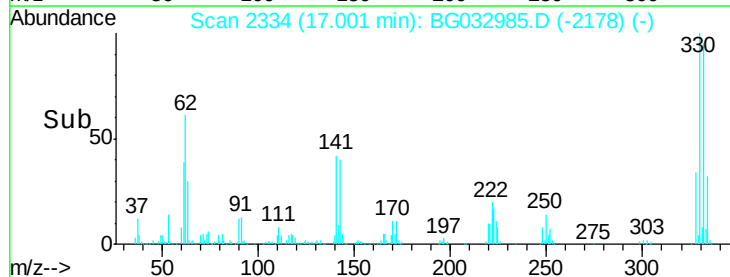
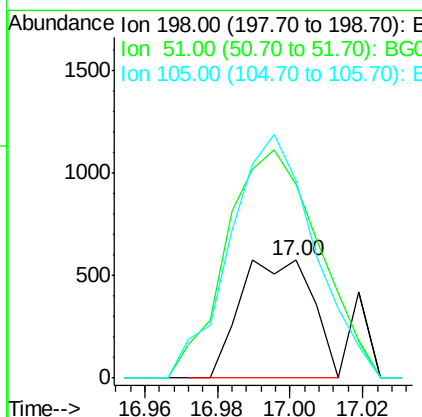
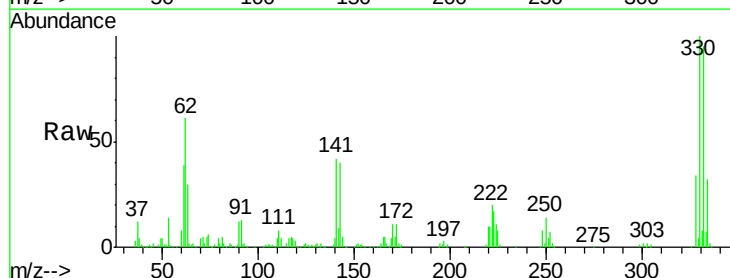
Instrument :
 BNA_G
 ClientSampleId :

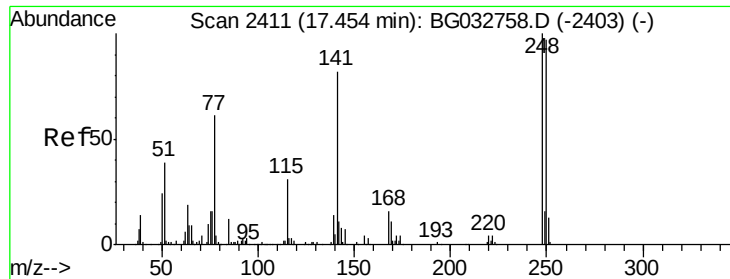
Tot Ion:188 Resp: 376680
 Ion Ratio Lower Upper
 188 100
 94 10.7 6.9 10.3#
 80 11.9 7.7 11.5#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.853 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. 0.39 min
 Lab File: BG032985.D
 Acq: 5 Mar 2018 12:11

Tgt Ion:198 Resp: 802
 Ion Ratio Lower Upper
 198 100
 51 163.5 30.6 70.6#
 105 167.4 23.8 63.8#

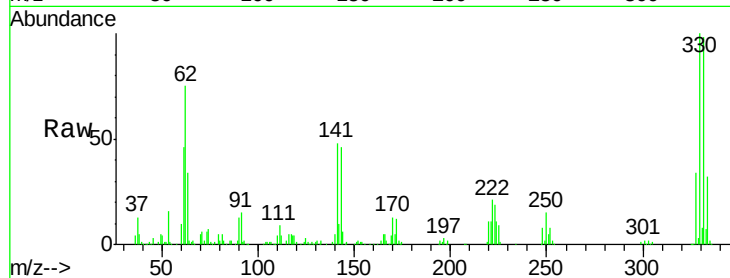




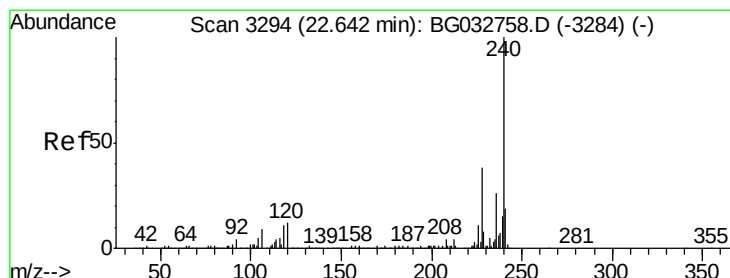
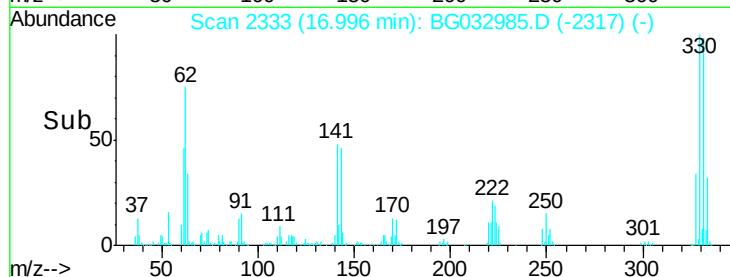
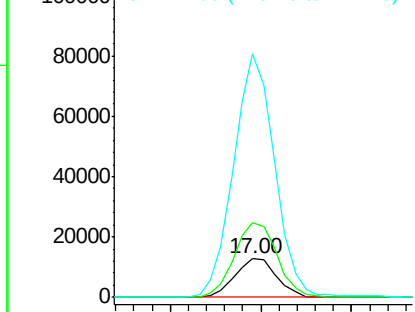
#66
4-Bromophenyl-phenylether
Concen: 5.099 ng
RT: 17.00 min Scan# 2333
Delta R.T. -0.44 min
Lab File: BG032985.D
Acq: 5 Mar 2018 12:11

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 20310
Ion Ratio Lower Upper
248 100
250 193.2 77.1 115.7#
141 631.6 50.8 76.2#

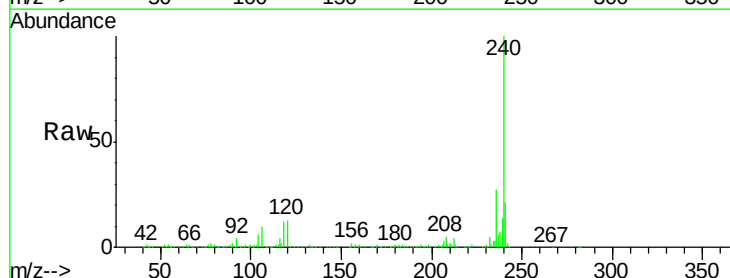


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

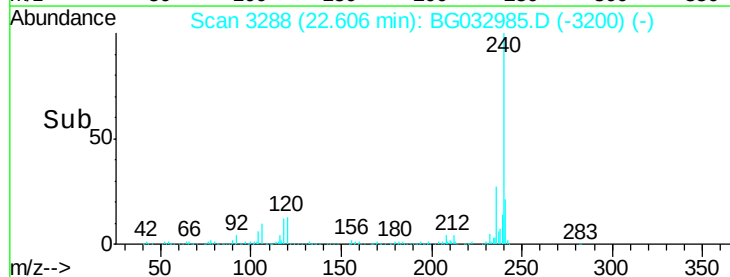
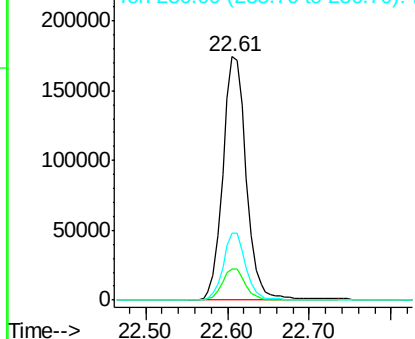


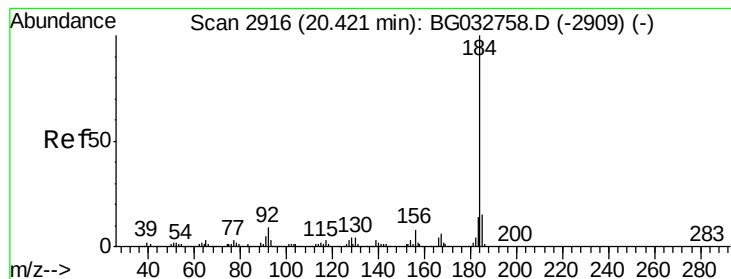
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.61 min Scan# 3288
Delta R.T. -0.01 min
Lab File: BG032985.D
Acq: 5 Mar 2018 12:11

Tgt Ion:240 Resp: 349501
Ion Ratio Lower Upper
240 100
120 12.9 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





#76

Benzidine

Concen: 2.423 ng

RT: 20.77 min Scan# 2976

Delta R.T. 0.36 min

Lab File: BG032985.D

Acq: 5 Mar 2018 12:11

Instrument :

BNA_G

ClientSampleId :

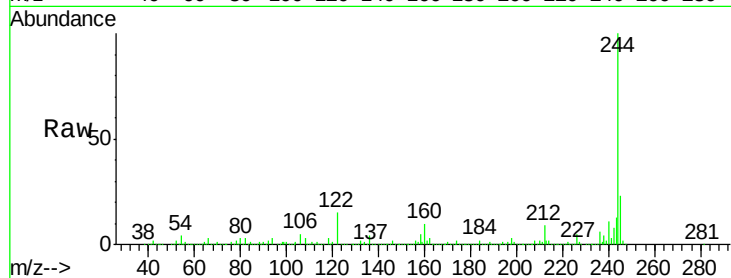
Tot Ion:184 Resp: 28864

Ion Ratio Lower Upper

184 100

185 14.4 11.1 16.7

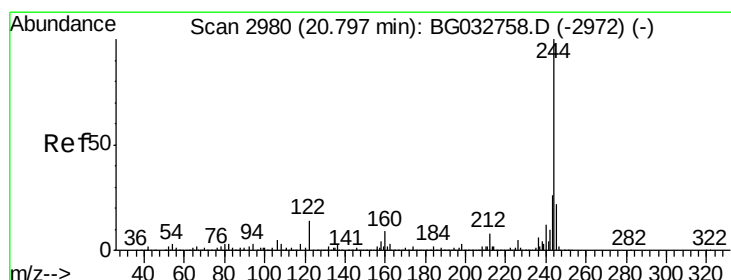
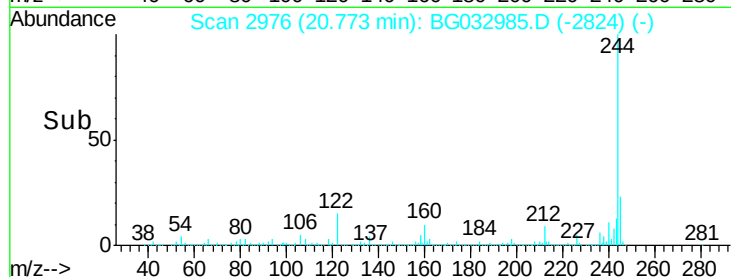
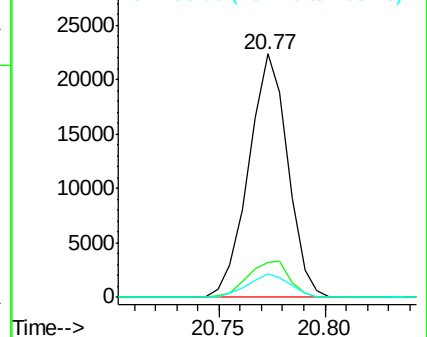
183 9.7 10.6 16.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 103.063 ng

RT: 20.77 min Scan# 2976

Delta R.T. -0.00 min

Lab File: BG032985.D

Acq: 5 Mar 2018 12:11

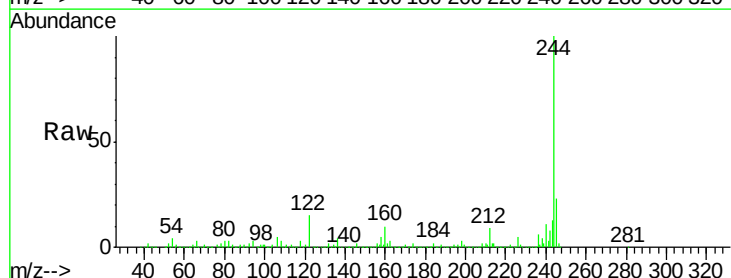
Tgt Ion:244 Resp: 1603248

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

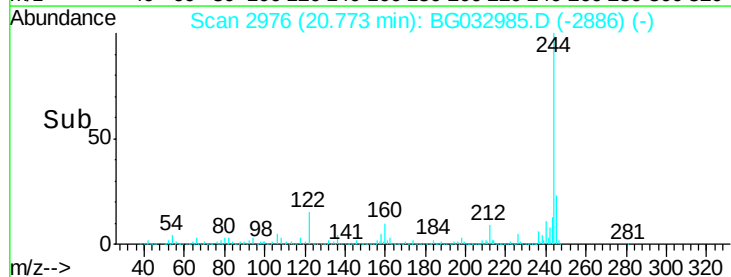
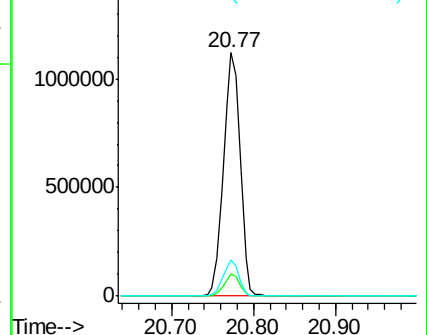
122 14.7 7.0 10.4#

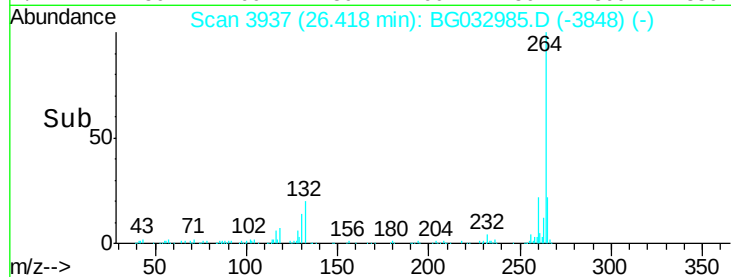
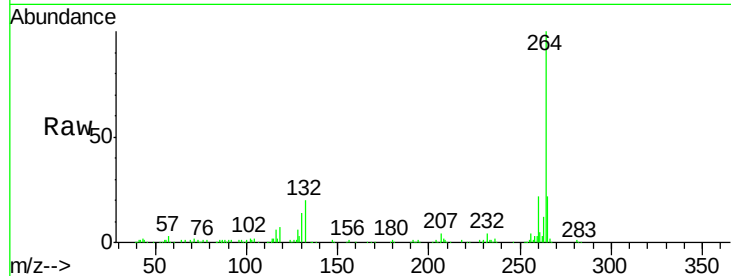
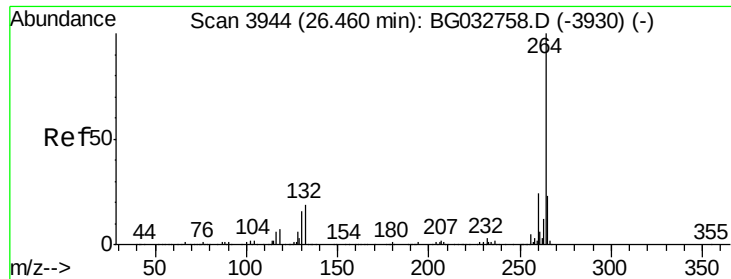


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.42 min Scan# 3937

Delta R.T. -0.01 min

Lab File: BG032985.D

Acq: 5 Mar 2018 12:11

Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 341007

Ion Ratio Lower Upper

264 100

260 22.5 17.4 26.0

265 22.1 17.7 26.5

