

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020119\
 Data File : BG039345.D
 Acq On : 1 Feb 2019 16:36
 Operator : JU/SJ
 Sample : K1307-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 013019-SIDI-E-D-S

Quant Time: Feb 01 18:12:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

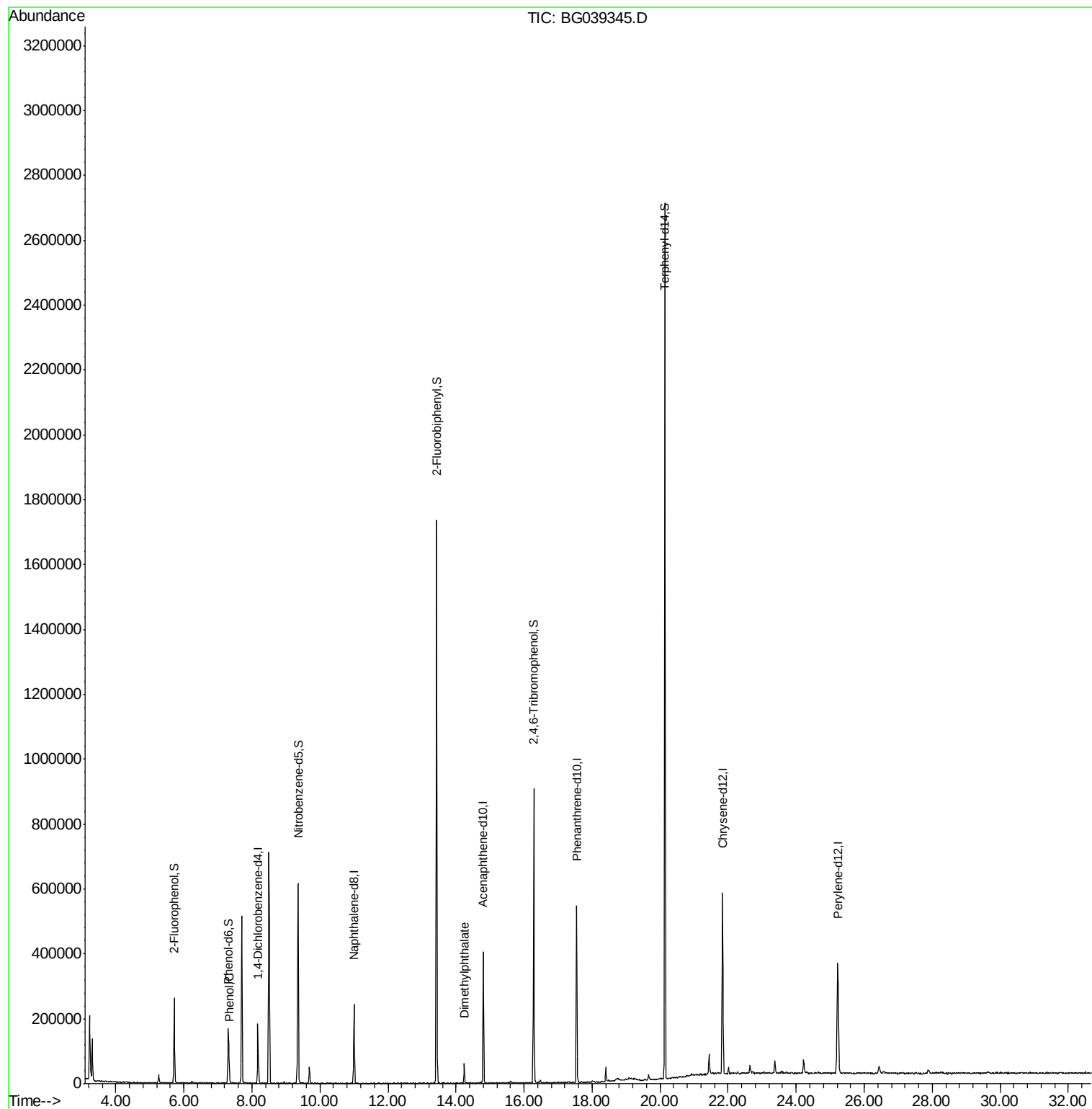
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	49635	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	206794	20.00	ng	0.00
39) Acenaphthene-d10	14.80	164	138734	20.00	ng	0.00
64) Phenanthrene-d10	17.55	188	330599	20.00	ng	0.00
76) Chrysene-d12	21.83	240	343872	20.00	ng	-0.01
87) Perylene-d12	25.22	264	346706	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	109168	37.64	ng	0.00
7) Phenol-d6	7.31	99	95186	22.30	ng	-0.01
23) Nitrobenzene-d5	9.35	82	360287	108.84	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	148828	99.62	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	906618	93.75	ng	0.00
79) Terphenyl-d14	20.14	244	1275000	78.48	ng	-0.01
Target Compounds						
10) Phenol	7.34	94	19105	4.293	ng	94
50) Dimethylphthalate	14.25	163	40328	3.599	ng	# 94

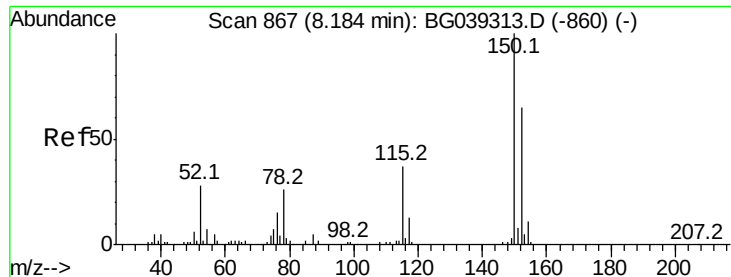
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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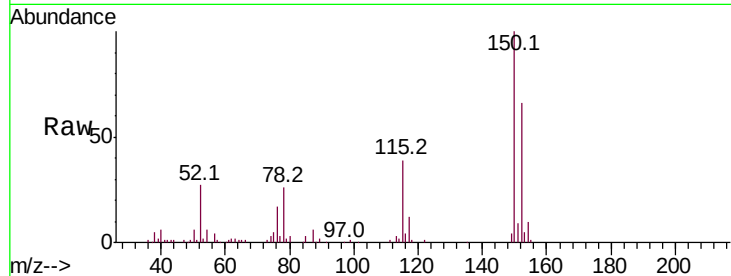


#1

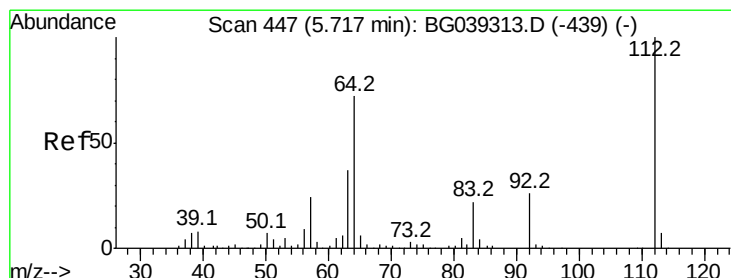
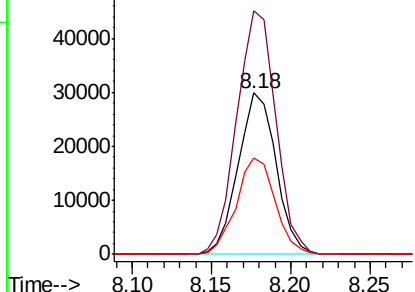
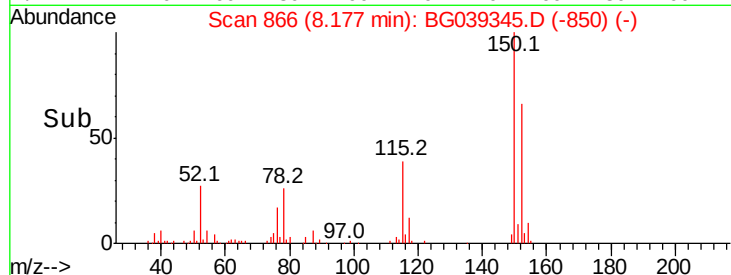
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG039345.D
Acq: 1 Feb 2019 16:36

Instrument :
BNA_G
ClientSampleId :
013019-SIDI-E-D-S

Tot Ion:152 Resp: 49635
Ion Ratio Lower Upper
152 100
150 151.1 123.7 185.5
115 59.5 45.9 68.9



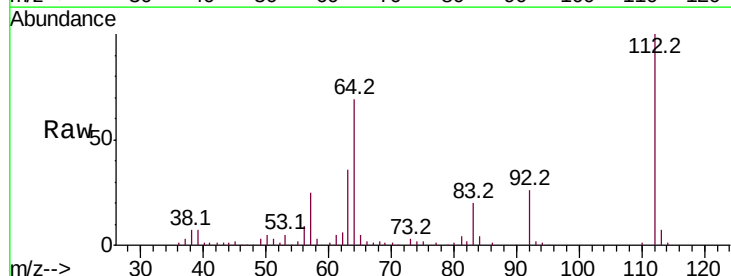
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



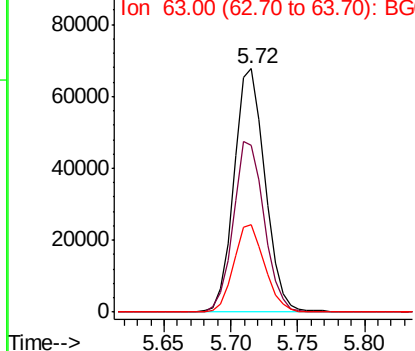
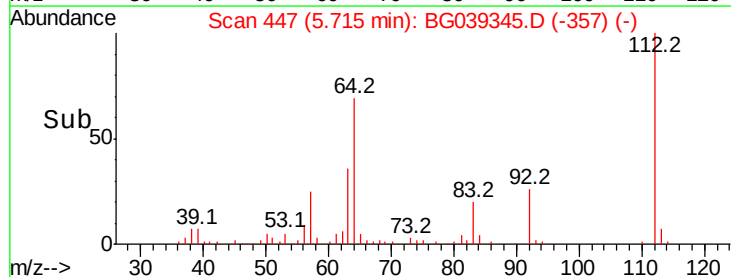
#5

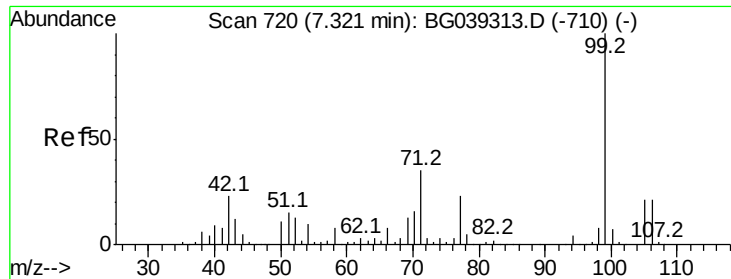
2-Fluorophenol
Concen: 37.643 ng
RT: 5.72 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039345.D
Acq: 1 Feb 2019 16:36

Tgt Ion:112 Resp: 109168
Ion Ratio Lower Upper
112 100
64 68.7 57.8 86.8
63 36.0 29.8 44.6



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





#7

Phenol-d6

Concen: 22.298 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG039345.D

Acq: 1 Feb 2019 16:36

Instrument :

BNA_G

ClientSampleId :

013019-SIDI-E-D-S

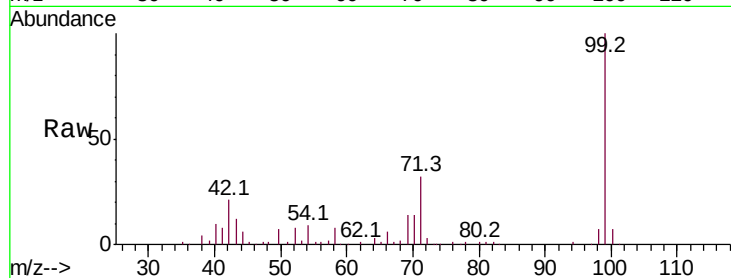
Tot Ion: 99 Resp: 95186

Ion Ratio Lower Upper

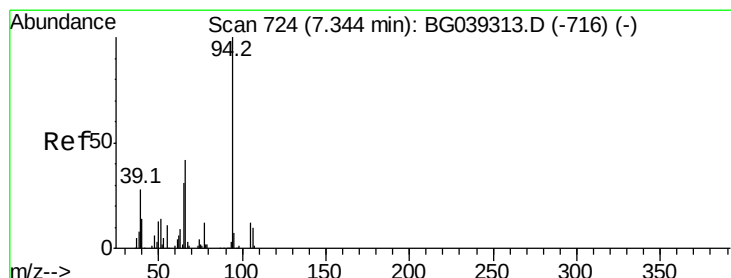
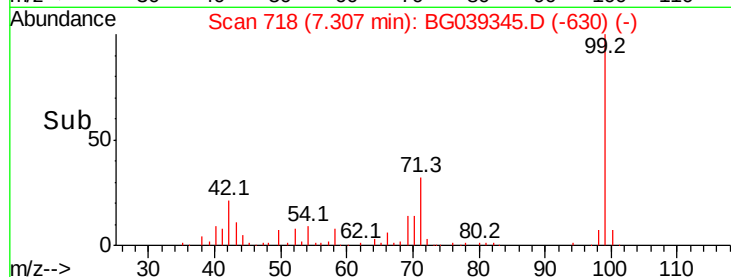
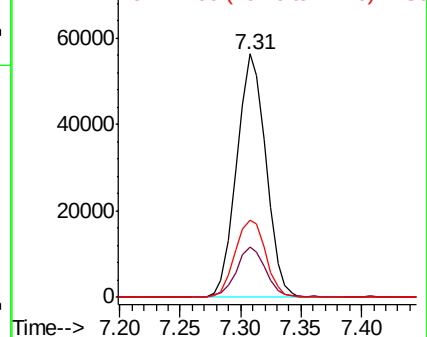
99 100

42 20.6 18.2 27.2

71 31.6 28.0 42.0



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



#10

Phenol

Concen: 4.293 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BG039345.D

Acq: 1 Feb 2019 16:36

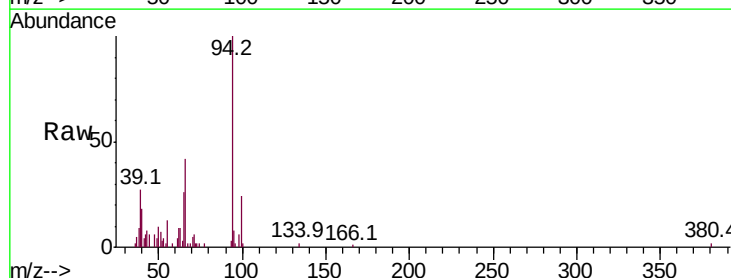
Tgt Ion: 94 Resp: 19105

Ion Ratio Lower Upper

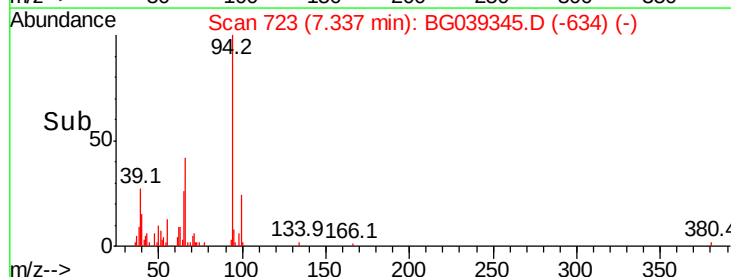
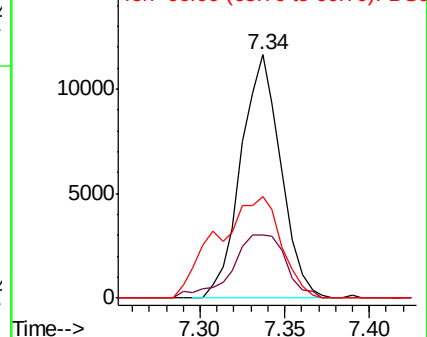
94 100

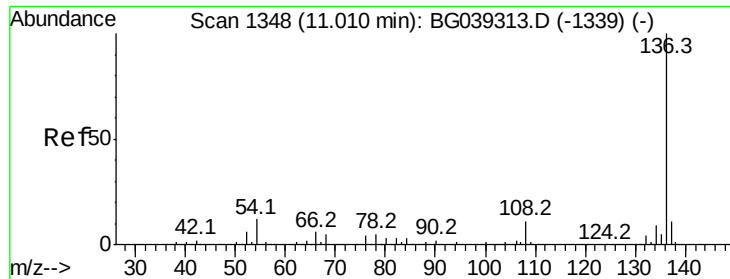
65 25.8 11.7 51.7

66 41.7 23.7 63.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

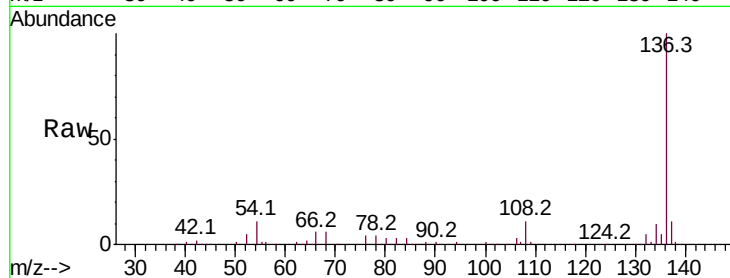




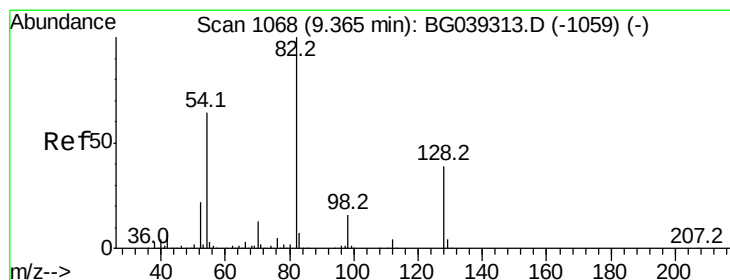
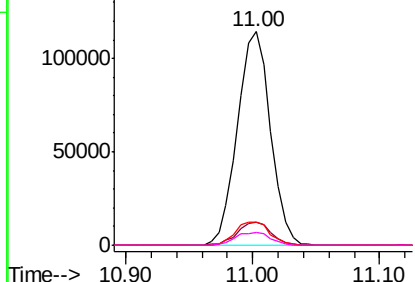
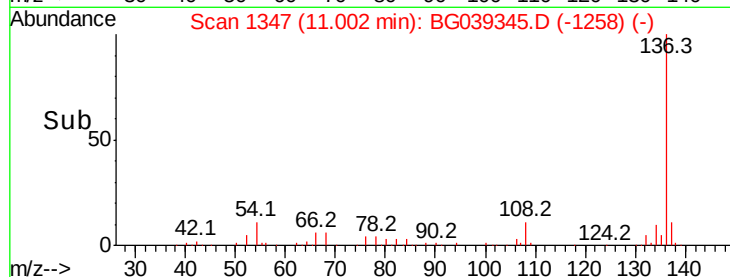
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG039345.D
Acq: 1 Feb 2019 16:36

Instrument :
BNA_G
ClientSampleId :
013019-SIDI-E-D-S

Tot Ion:136	Resp:	206794
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.1 13.7
54	10.6	9.4 14.2
68	6.2	4.2 6.4

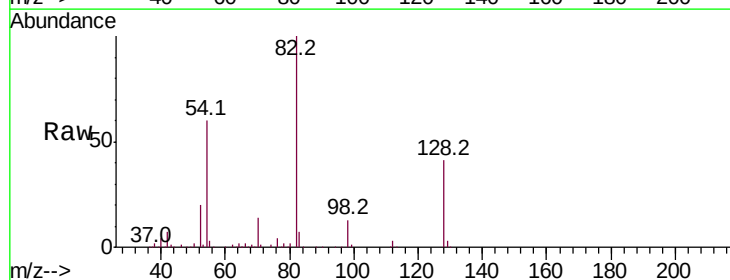


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

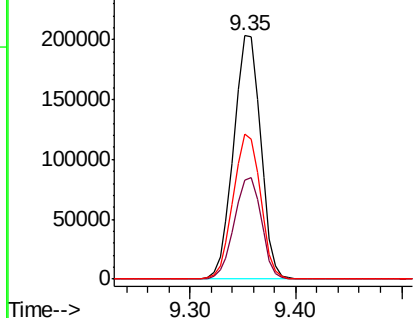
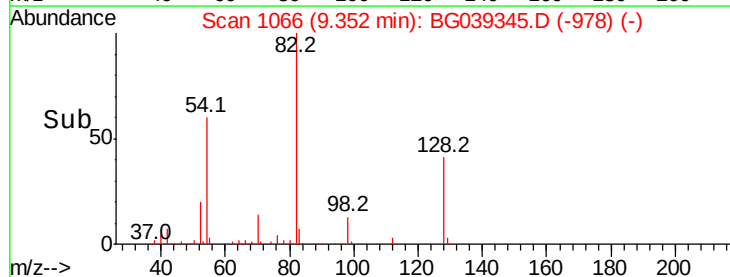


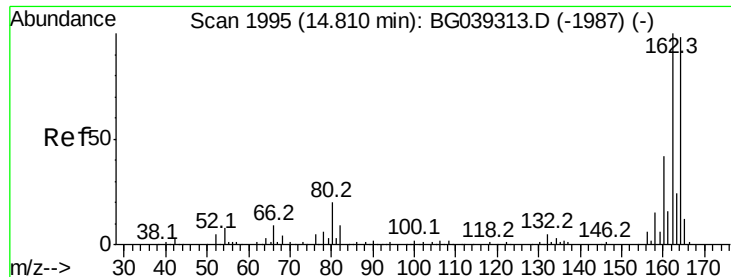
#23
Nitrobenzene-d5
Concen: 108.841 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039345.D
Acq: 1 Feb 2019 16:36

Tgt Ion: 82	Resp:	360287
Ion Ratio	Lower	Upper
82	100	
128	40.8	31.3 46.9
54	59.6	50.9 76.3



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.80 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BG039345.D

Acq: 1 Feb 2019 16:36

Instrument :

BNA_G

ClientSampleId :

013019-SIDI-E-D-S

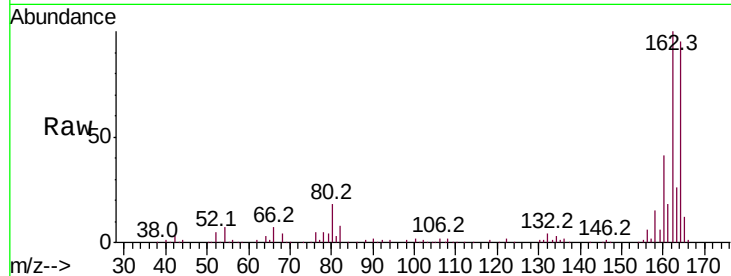
Tot Ion:164 Resp: 138734

Ion Ratio Lower Upper

164 100

162 104.8 81.6 122.4

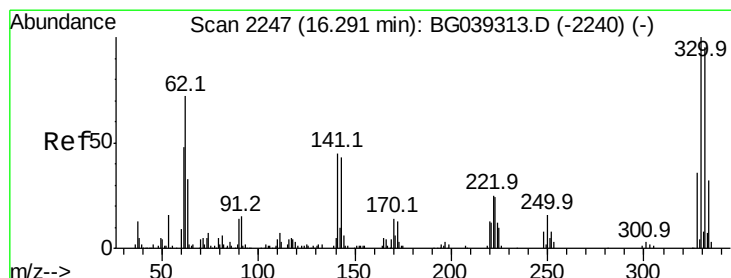
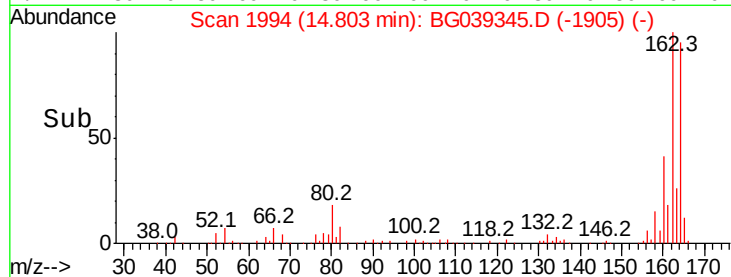
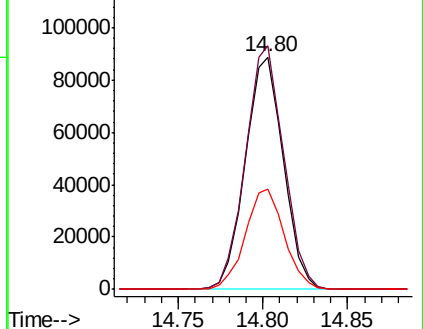
160 43.4 34.2 51.2



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



#42

2,4,6-Tribromophenol

Concen: 99.622 ng

RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG039345.D

Acq: 1 Feb 2019 16:36

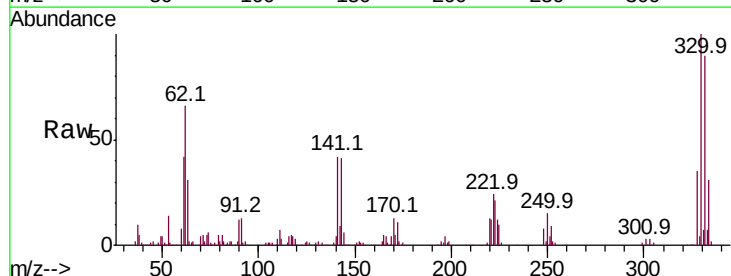
Tgt Ion:330 Resp: 148828

Ion Ratio Lower Upper

330 100

332 95.5 75.7 113.5

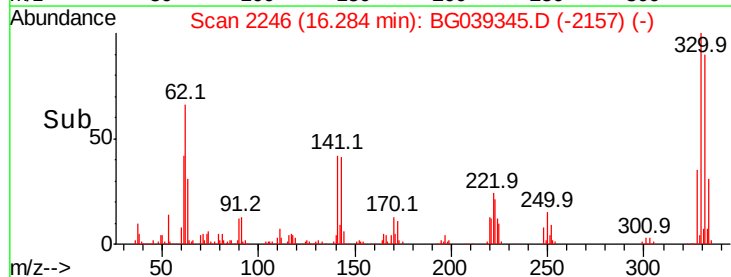
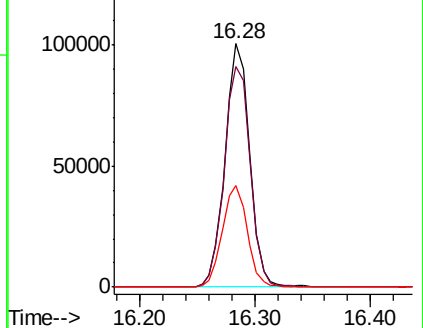
141 42.2 35.6 53.4

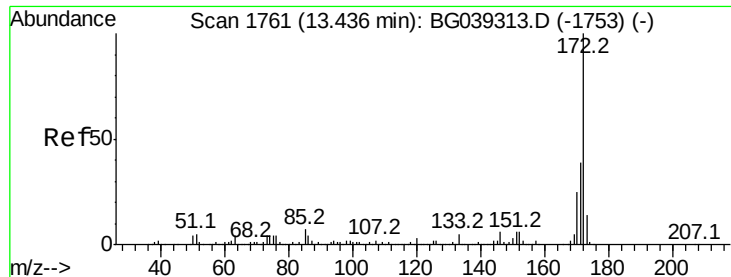


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

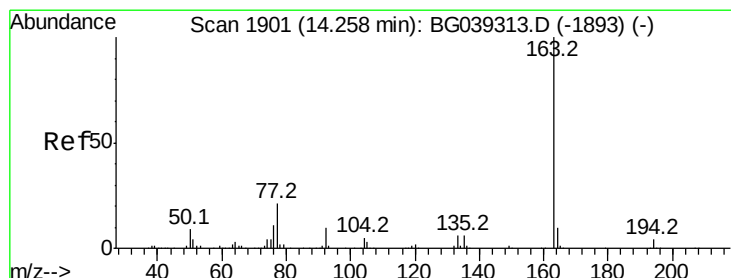
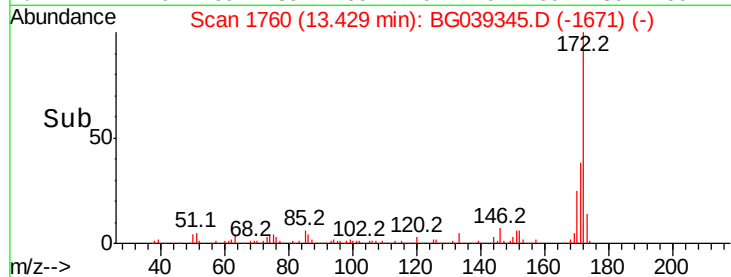
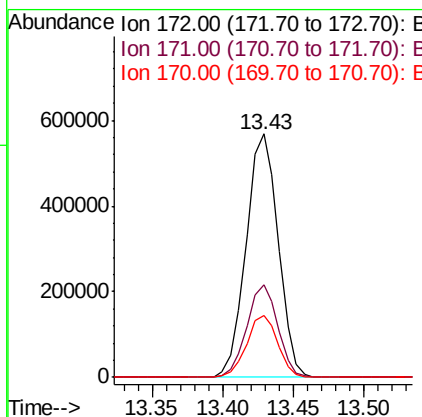
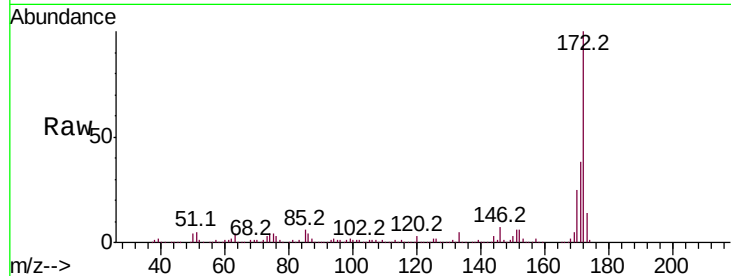




#45
2-Fluorobiphenyl
Concen: 93.747 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BG039345.D
Acq: 1 Feb 2019 16:36

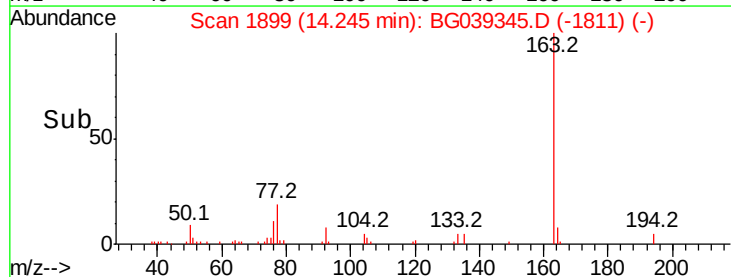
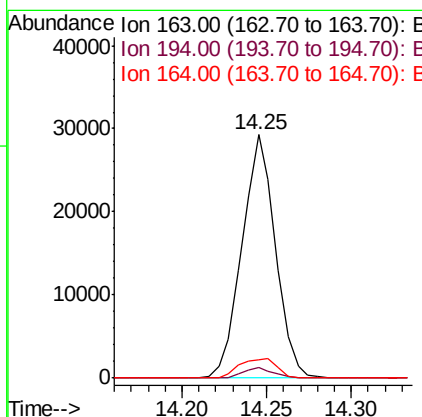
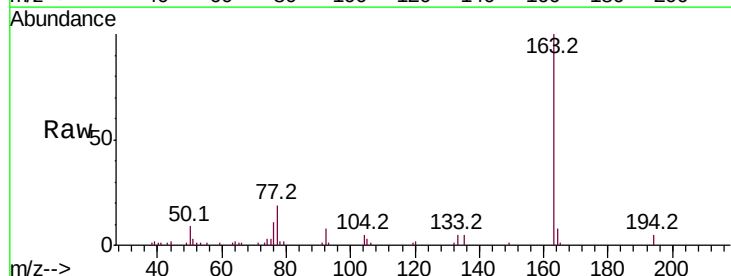
Instrument :
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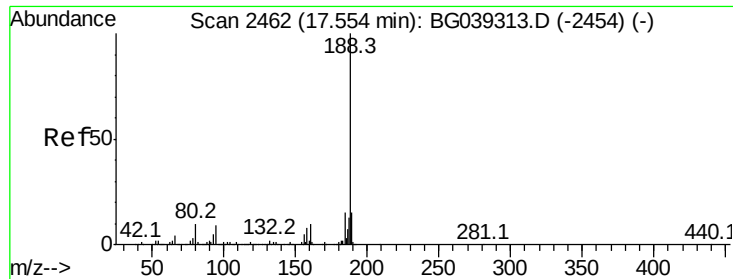
Tot Ion:172 Resp: 906618
Ion Ratio Lower Upper
172 100
171 38.2 30.8 46.2
170 25.2 20.2 30.4



#50
Dimethylphthalate
Concen: 3.599 ng
RT: 14.25 min Scan# 1899
Delta R.T. -0.01 min
Lab File: BG039345.D
Acq: 1 Feb 2019 16:36

Tgt Ion:163 Resp: 40328
Ion Ratio Lower Upper
163 100
194 4.5 3.6 5.4
164 7.5 8.4 12.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.55 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BG039345.D

Acq: 1 Feb 2019 16:36

Instrument :

BNA_G

ClientSampleId :

013019-SIDI-E-D-S

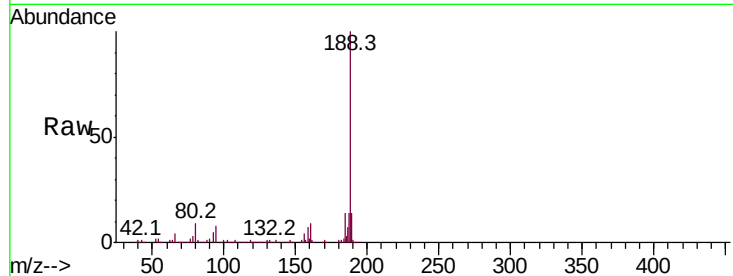
Tot Ion:188 Resp: 330599

Ion Ratio Lower Upper

188 100

94 7.7 6.9 10.3

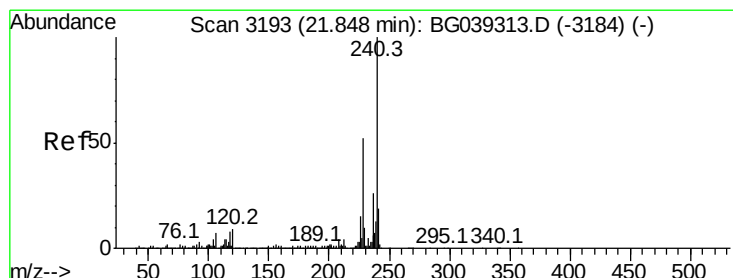
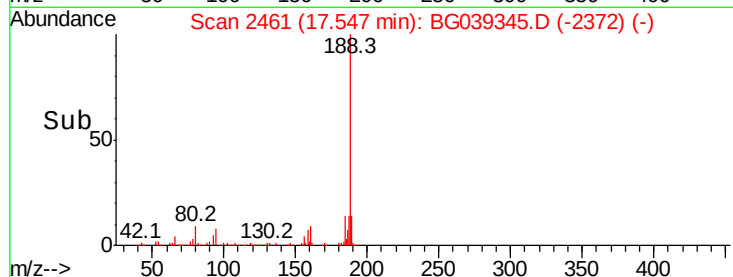
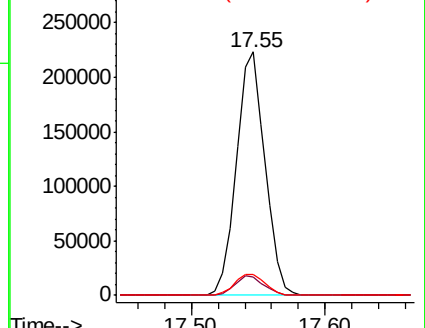
80 8.8 8.1 12.1



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3191

Delta R.T. -0.01 min

Lab File: BG039345.D

Acq: 1 Feb 2019 16:36

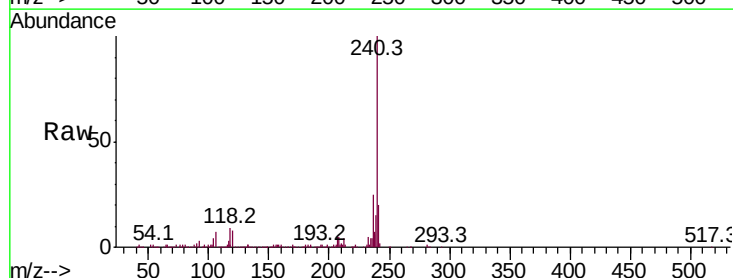
Tgt Ion:240 Resp: 343872

Ion Ratio Lower Upper

240 100

120 8.3 7.0 10.6

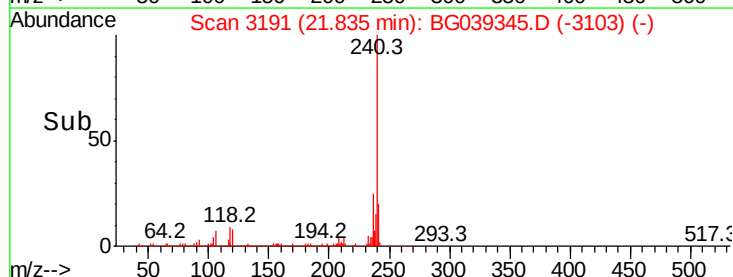
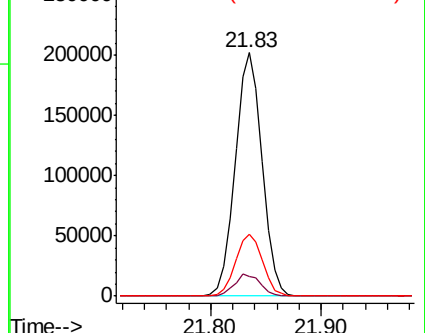
236 25.2 21.0 31.4

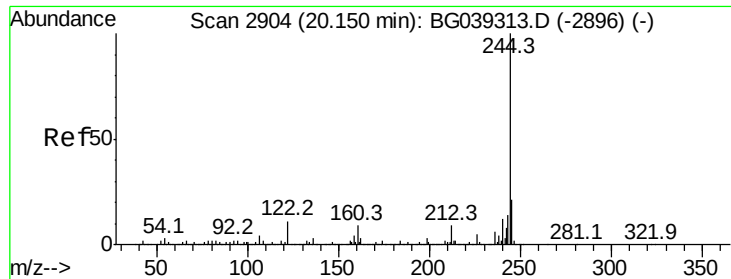


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



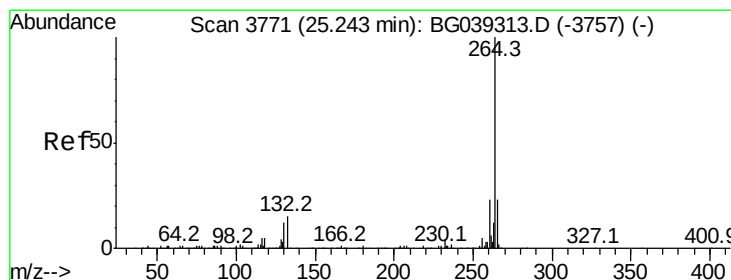
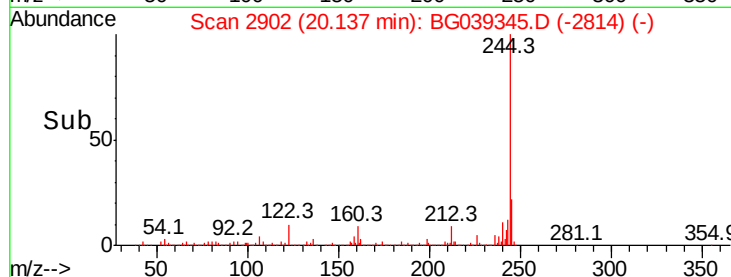
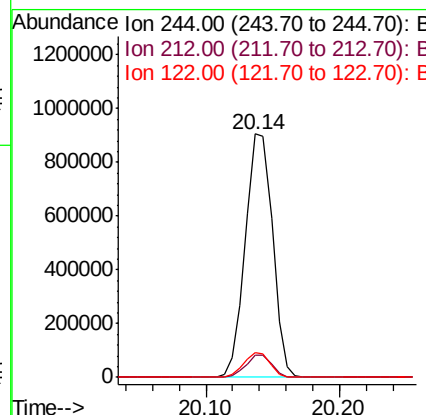
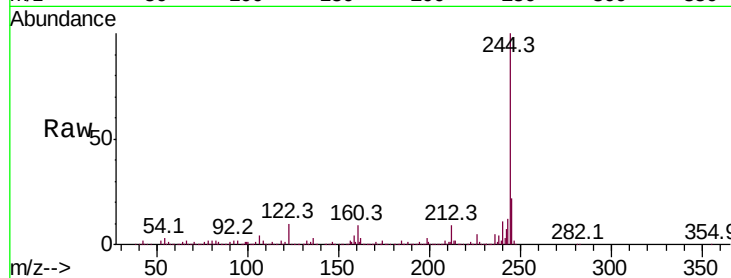


#79
 Terphenyl-d14
 Concen: 78.482 ng
 RT: 20.14 min Scan# 2902
 Delta R.T. -0.01 min
 Lab File: BG039345.D
 Acq: 1 Feb 2019 16:36

Instrument :
 BNA_G
 ClientSampleId :
 013019-SIDI-E-D-S

Tot Ion:244 Resp: 1275000

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.3	10.9
122	10.1	8.4	12.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.22 min Scan# 3768
 Delta R.T. -0.02 min
 Lab File: BG039345.D
 Acq: 1 Feb 2019 16:36

Tgt Ion:264 Resp: 346706

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.4
265	20.9	18.5	27.7

