

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101218\
 Data File : BG037320.D
 Acq On : 13 Oct 2018 10:40
 Operator : JU/SJ
 Sample : J5383-09
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 100918-TIPC-F-U-B

Quant Time: Oct 15 02:36:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 13:59:58 2018
 Response via : Initial Calibration

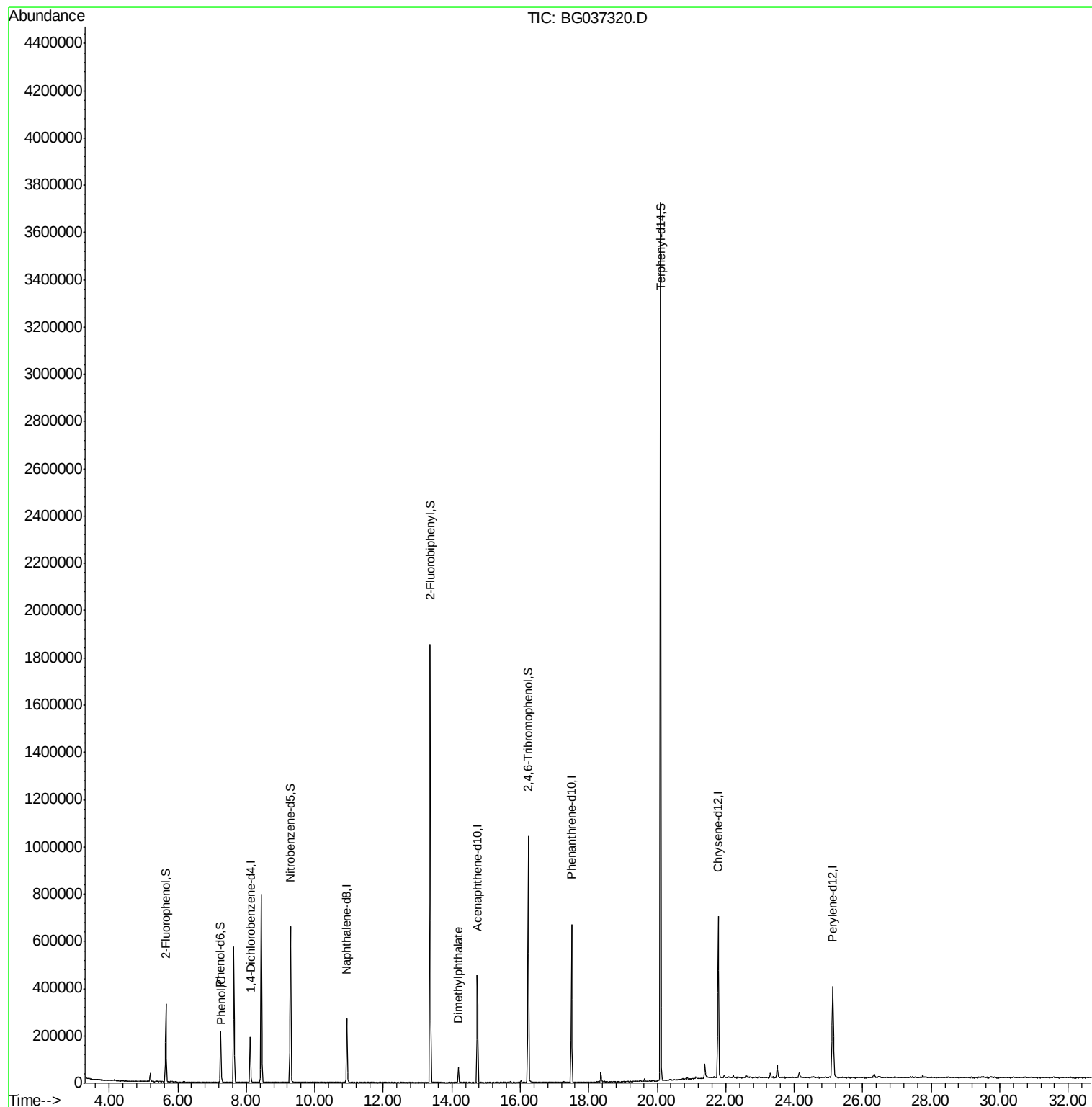
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	56373	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	239976	20.00	ng	-0.01
39) Acenaphthene-d10	14.75	164	162133	20.00	ng	-0.01
64) Phenanthrene-d10	17.50	188	430213	20.00	ng	-0.01
76) Chrysene-d12	21.78	240	414968	20.00	ng	-0.02
87) Perylene-d12	25.13	264	416842	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	153952	48.06	ng	0.00
7) Phenol-d6	7.25	99	136034	27.98	ng	0.00
23) Nitrobenzene-d5	9.29	82	414628	113.59	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	186209	117.11	ng	-0.01
45) 2-Fluorobiphenyl	13.37	172	1020324	94.51	ng	-0.01
79) Terphenyl-d14	20.10	244	1729627	87.52	ng	0.00
Target Compounds						
10) Phenol	7.28	94	11317	2.210	ng	93
50) Dimethylphthalate	14.19	163	42297	3.320	ng	# 96

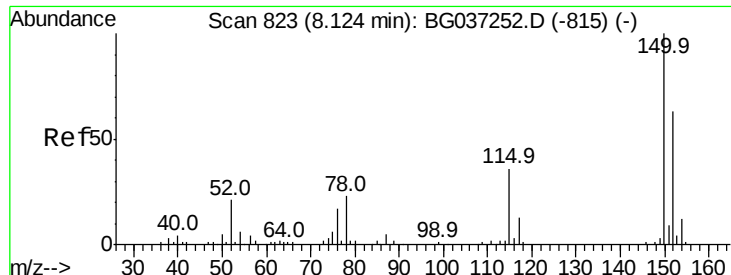
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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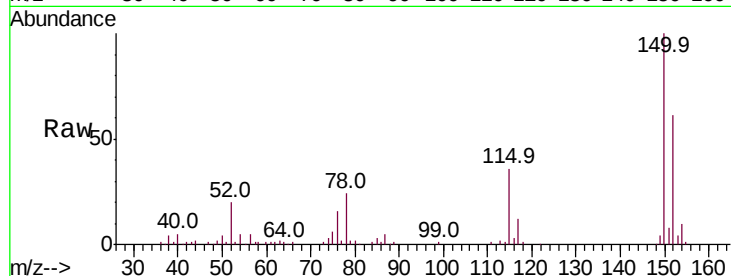


#1

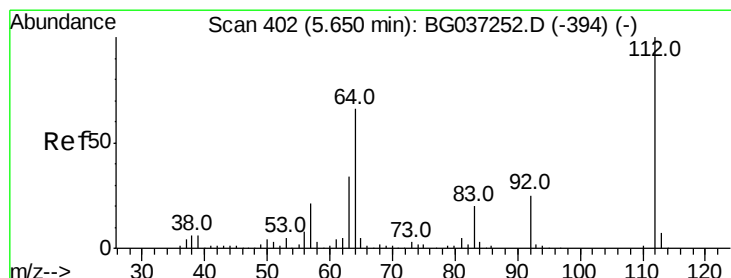
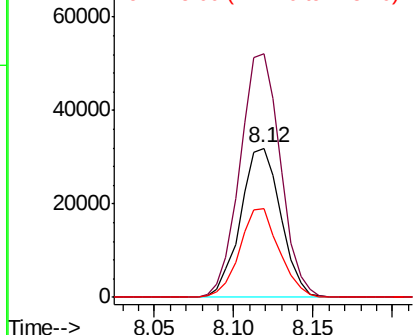
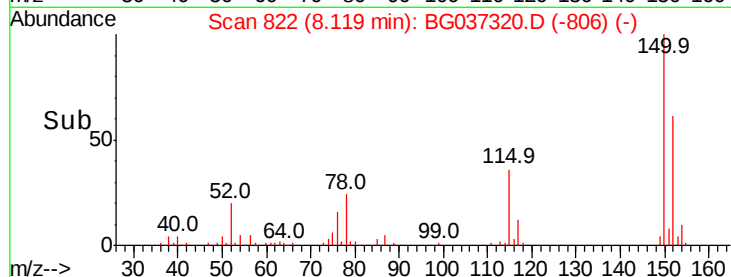
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.12 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BG037320.D
 Acq: 13 Oct 2018 10:40

Instrument :
 BNA_G
 ClientSampleId :
 100918-TIPC-F-U-B

Tot Ion:152 Resp: 56373
 Ion Ratio Lower Upper
 152 100
 150 162.9 126.0 189.0
 115 59.3 45.5 68.3



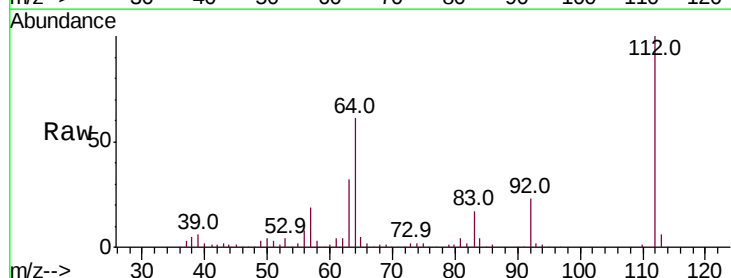
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



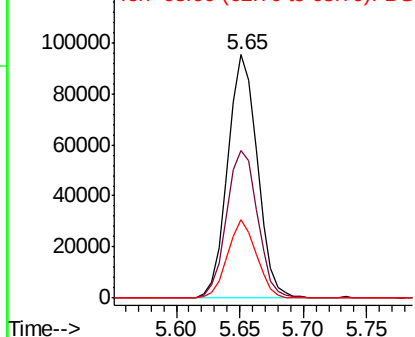
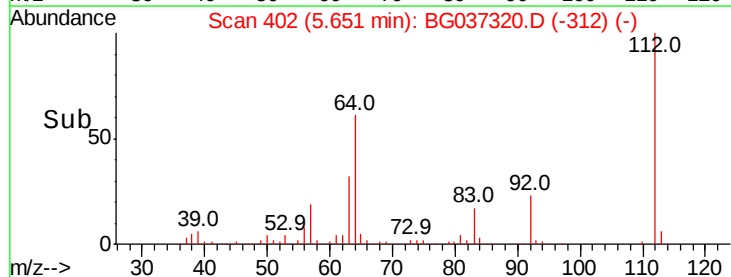
#5

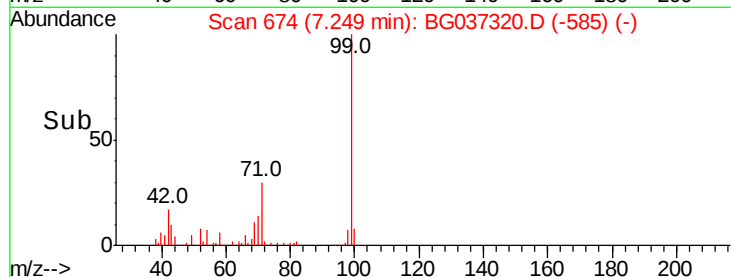
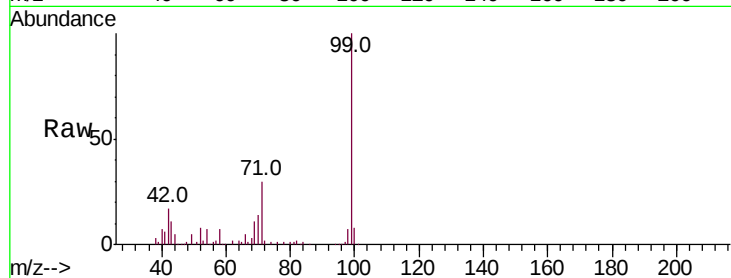
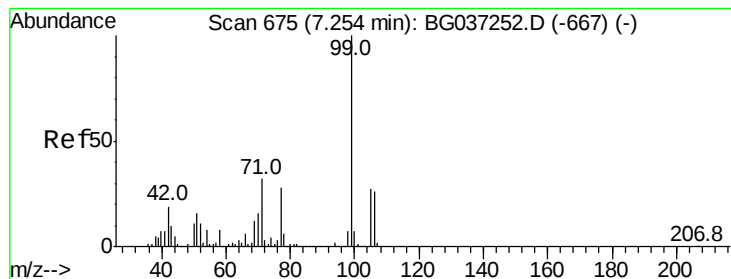
2-Fluorophenol
 Concen: 48.062 ng
 RT: 5.65 min Scan# 402
 Delta R.T. 0.00 min
 Lab File: BG037320.D
 Acq: 13 Oct 2018 10:40

Tgt Ion:112 Resp: 153952
 Ion Ratio Lower Upper
 112 100
 64 60.9 53.1 79.7
 63 32.1 27.3 40.9



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: 27.980 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.01 min

Lab File: BG037320.D

Acq: 13 Oct 2018 10:40

Instrument :

BNA_G

ClientSampleId :

100918-TIPC-F-U-B

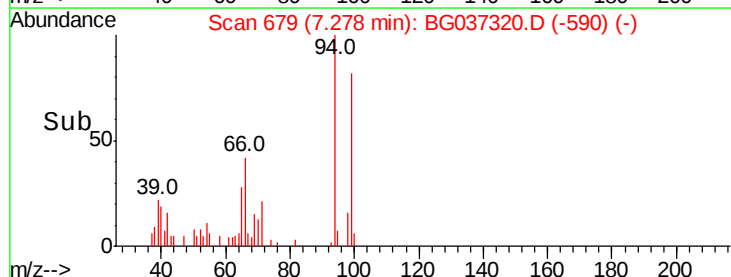
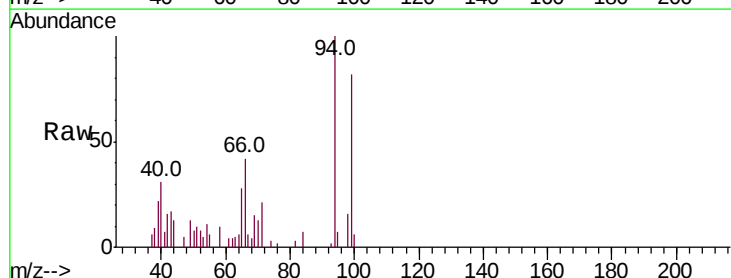
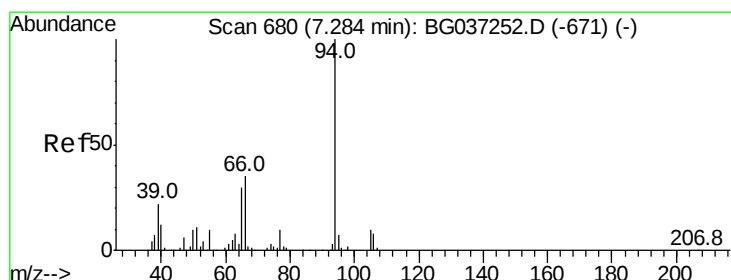
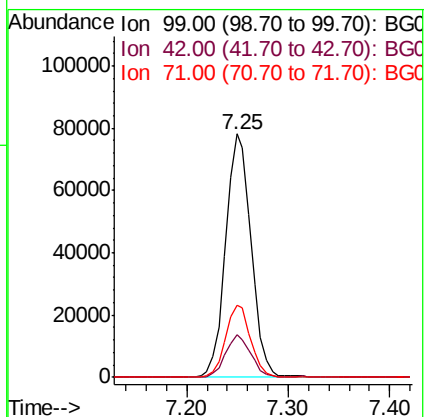
Tot Ion: 99 Resp: 136034

Ion Ratio Lower Upper

99 100

42 17.3 15.0 22.4

71 29.9 25.5 38.3



#10

Phenol

Concen: 2.210 ng

RT: 7.28 min Scan# 679

Delta R.T. -0.01 min

Lab File: BG037320.D

Acq: 13 Oct 2018 10:40

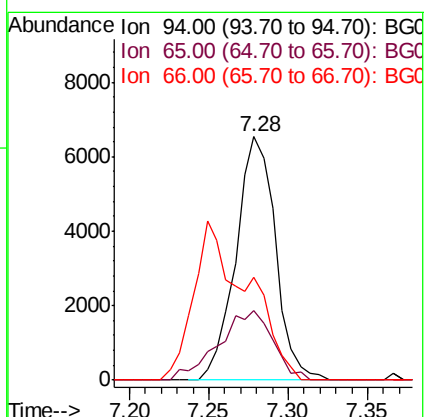
Tgt Ion: 94 Resp: 11317

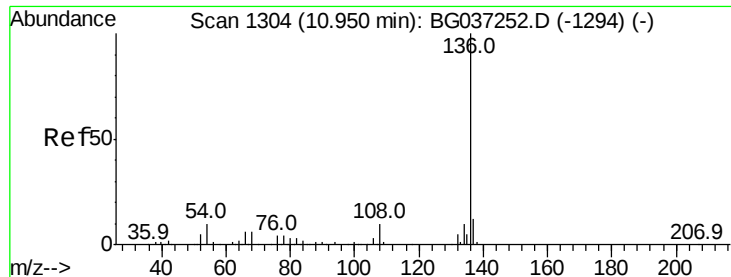
Ion Ratio Lower Upper

94 100

65 28.4 9.7 49.7

66 42.3 15.9 55.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.94 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BG037320.D

Acq: 13 Oct 2018 10:40

Instrument :

BNA_G

ClientSampleId :

100918-TIPC-F-U-B

Tot Ion:136 Resp: 239976

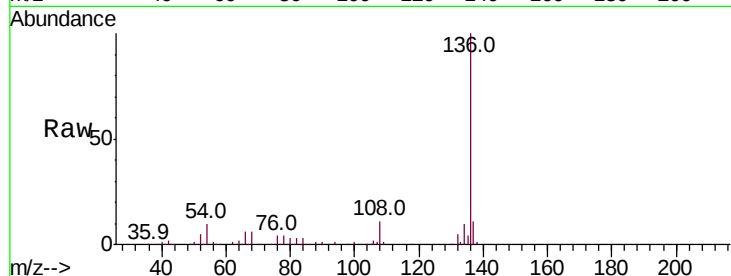
Ion Ratio Lower Upper

136 100

137 10.6 9.6 14.4

54 10.0 7.9 11.9

68 6.5 4.8 7.2

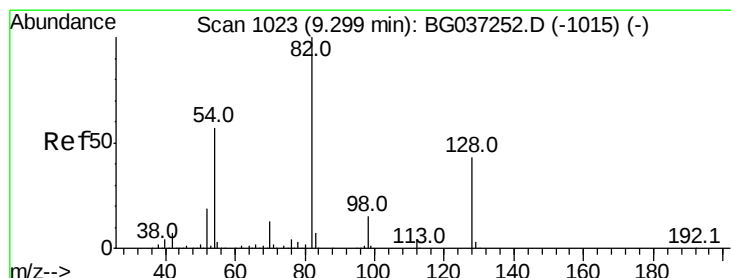
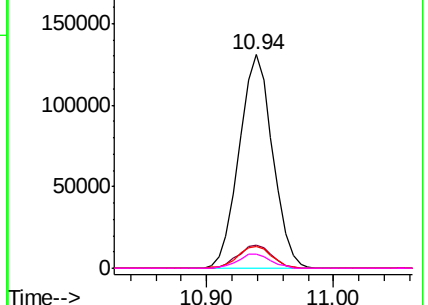
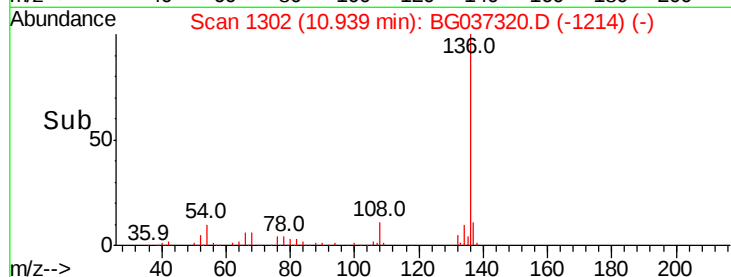


Abundance Ion 136.00 (135.70 to 136.70): E

200000 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: 113.593 ng

RT: 9.29 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BG037320.D

Acq: 13 Oct 2018 10:40

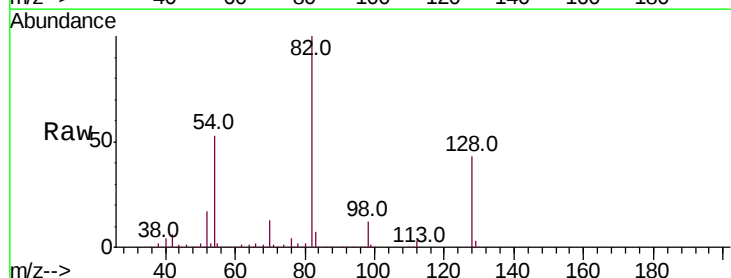
Tgt Ion: 82 Resp: 414628

Ion Ratio Lower Upper

82 100

128 43.0 34.6 51.8

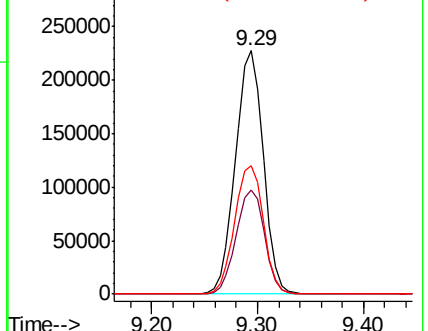
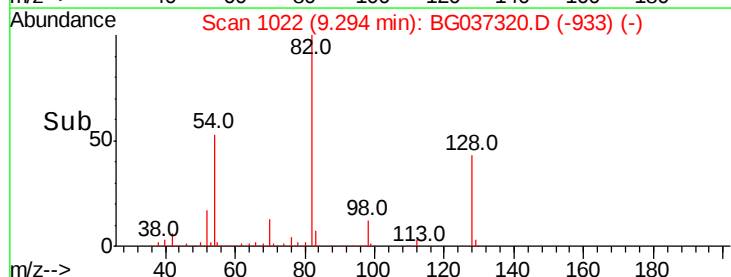
54 52.9 45.3 67.9

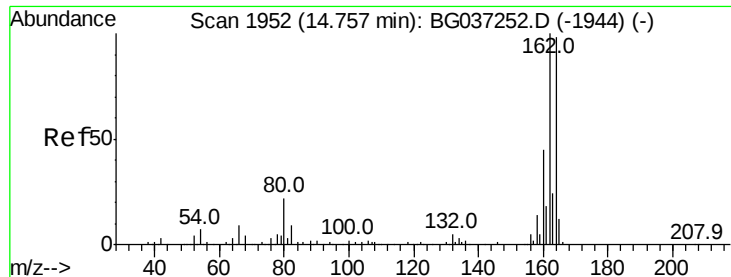


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: 14.75 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BG037320.D

Acq: 13 Oct 2018 10:40

Instrument :

BNA_G

ClientSampleId :

100918-TIPC-F-U-B

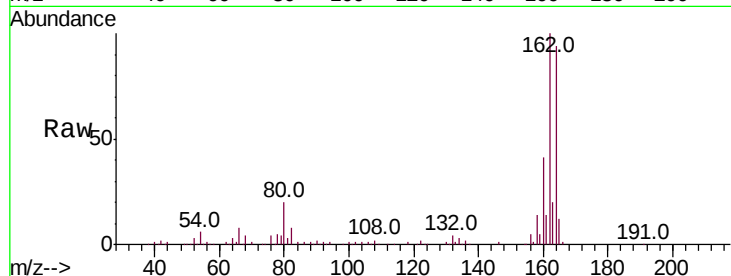
Tot Ion:164 Resp: 162133

Ion Ratio Lower Upper

164 100

162 106.8 81.3 121.9

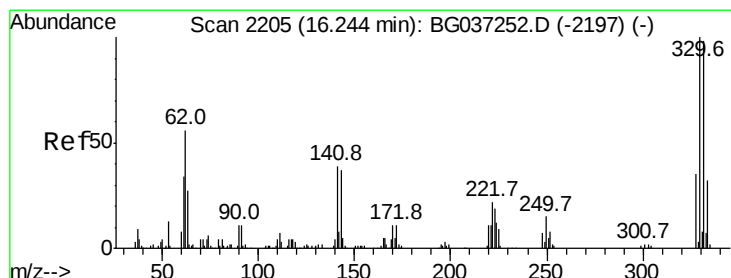
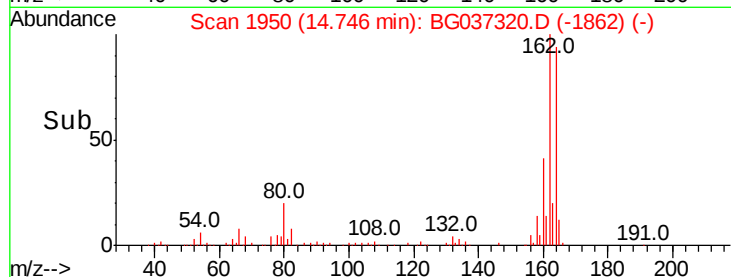
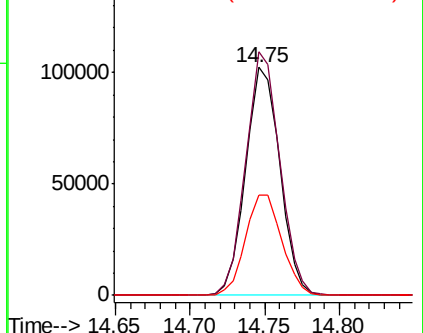
160 44.2 36.3 54.5



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: 117.107 ng

RT: 16.23 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BG037320.D

Acq: 13 Oct 2018 10:40

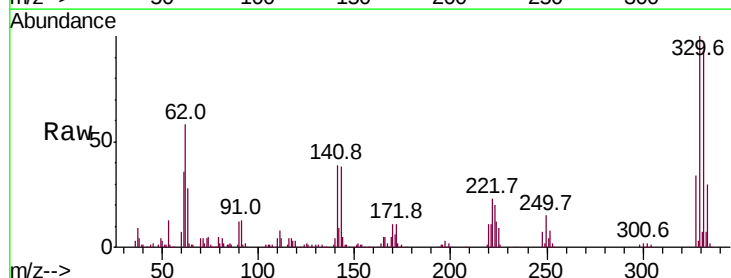
Tgt Ion:330 Resp: 186209

Ion Ratio Lower Upper

330 100

332 94.4 78.4 117.6

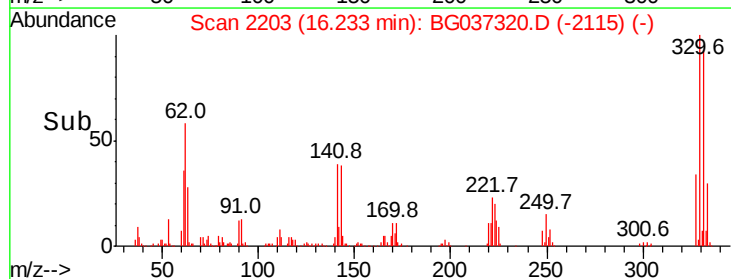
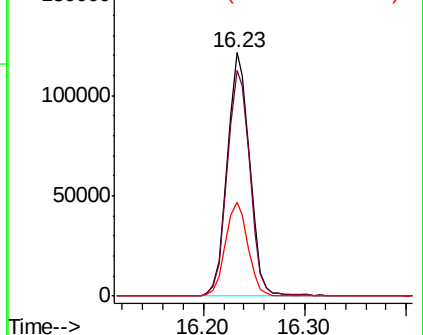
141 38.7 32.2 48.2

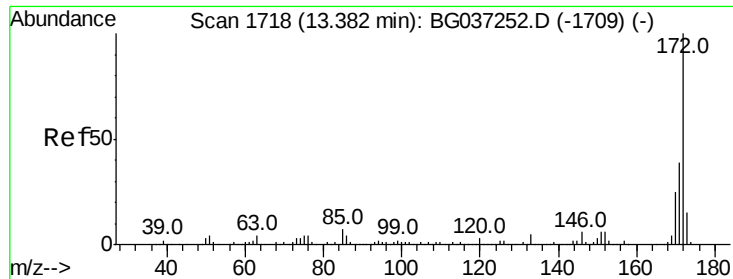


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 94.508 ng

RT: 13.37 min Scan# 1716

Delta R.T. -0.01 min

Lab File: BG037320.D

Acq: 13 Oct 2018 10:40

Instrument :

BNA_G

ClientSampleId :

100918-TIPC-F-U-B

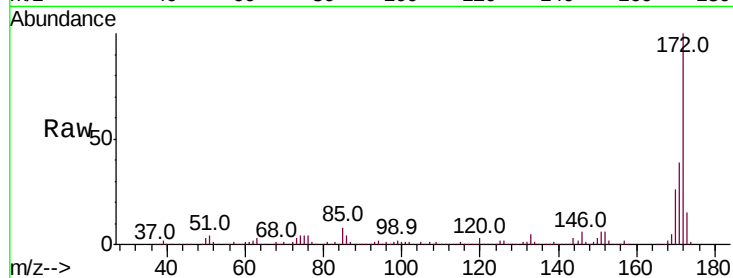
Tot Ion:172 Resp: 1020324

Ion Ratio Lower Upper

172 100

171 39.1 31.0 46.4

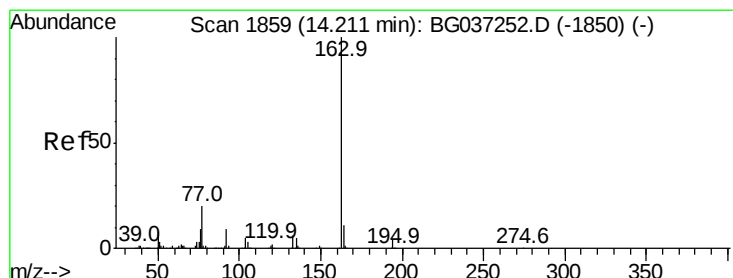
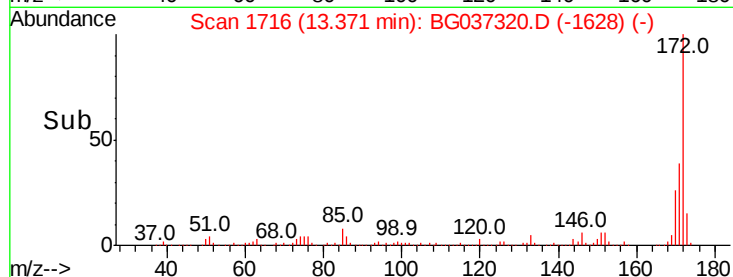
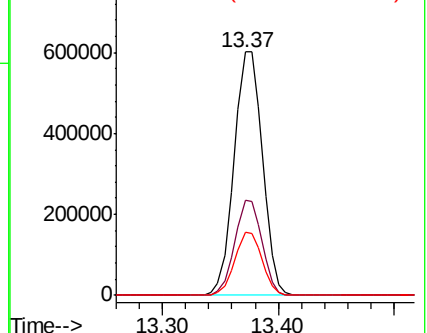
170 25.8 20.2 30.2



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



#50

Dimethylphthalate

Concen: 3.320 ng

RT: 14.19 min Scan# 1856

Delta R.T. -0.02 min

Lab File: BG037320.D

Acq: 13 Oct 2018 10:40

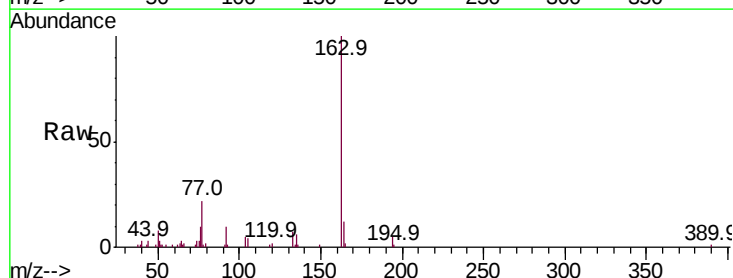
Tgt Ion:163 Resp: 42297

Ion Ratio Lower Upper

163 100

194 5.3 3.5 5.3#

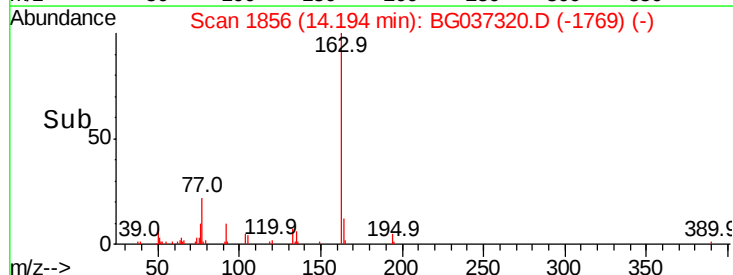
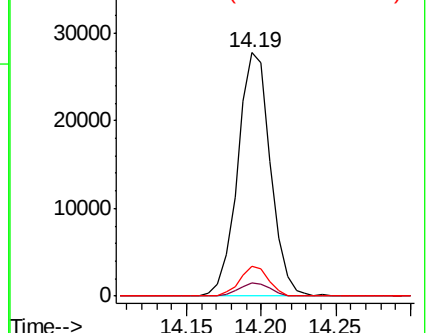
164 12.2 8.5 12.7

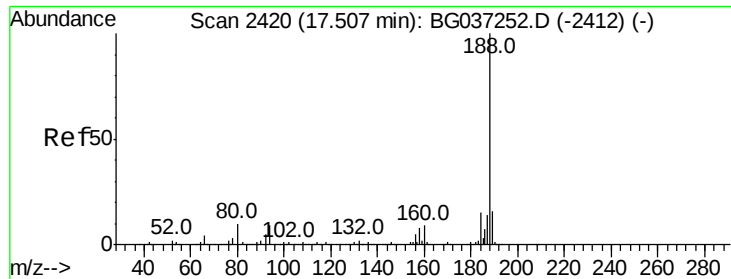


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

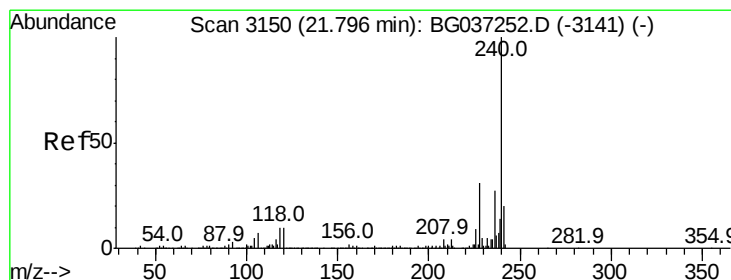
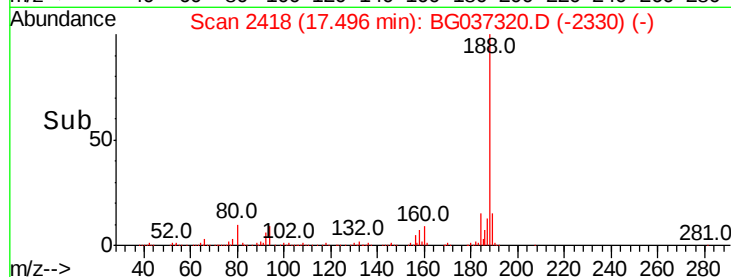
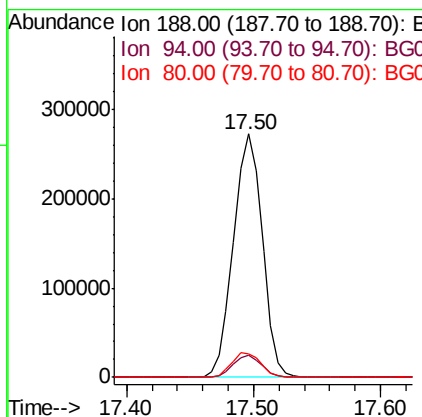
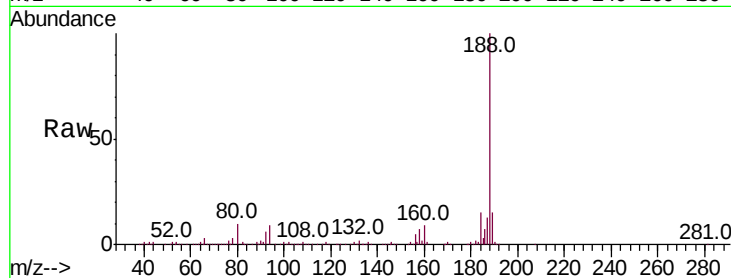




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BG037320.D
Acq: 13 Oct 2018 10:40

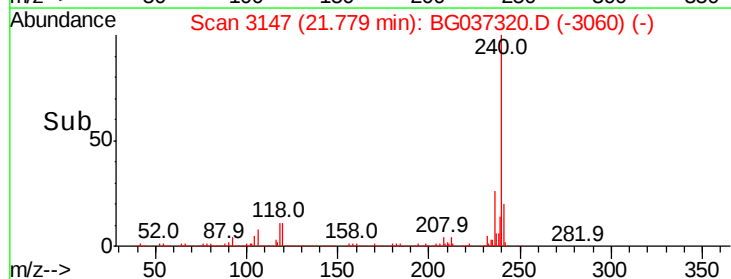
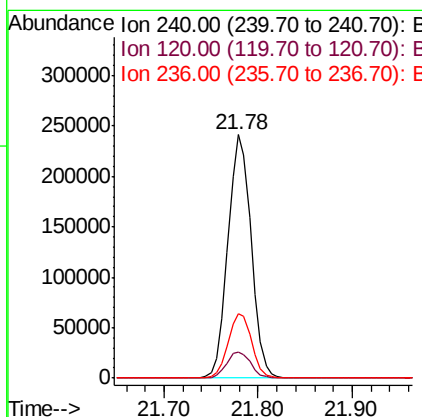
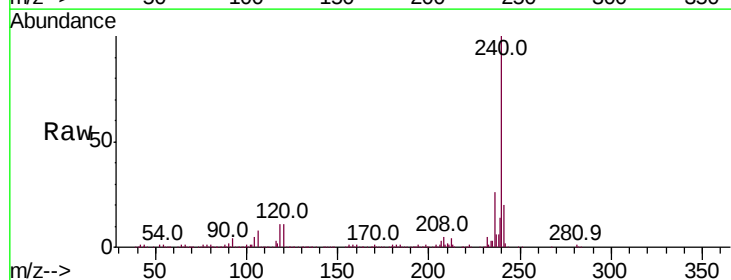
Instrument :
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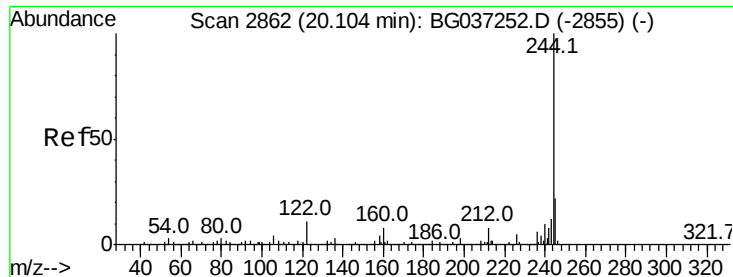
Tot Ion:188 Resp: 430213
Ion Ratio Lower Upper
188 100
94 9.0 7.2 10.8
80 9.9 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3147
Delta R.T. -0.02 min
Lab File: BG037320.D
Acq: 13 Oct 2018 10:40

Tgt Ion:240 Resp: 414968
Ion Ratio Lower Upper
240 100
120 10.6 8.1 12.1
236 26.5 21.4 32.0



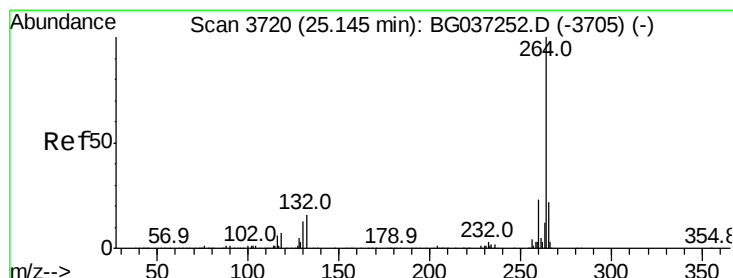
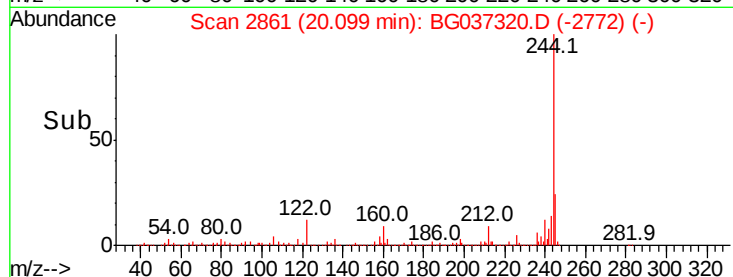
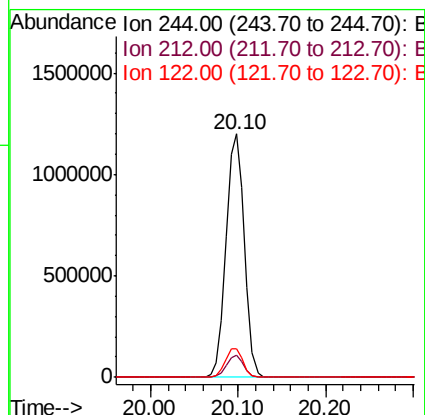
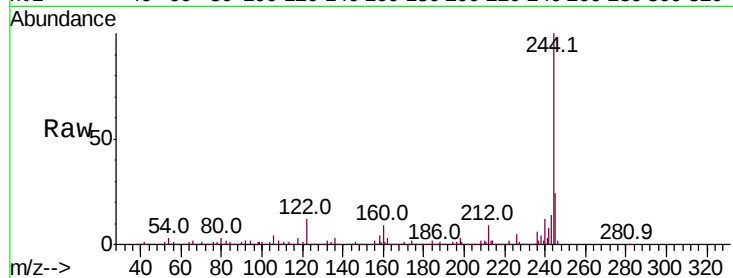


#79
 Terphenyl-d14
 Concen: 87.520 ng
 RT: 20.10 min Scan# 2861
 Delta R.T. -0.01 min
 Lab File: BG037320.D
 Acq: 13 Oct 2018 10:40

Instrument :
 BNA_G
 ClientSampleId :
 100918-TIPC-F-U-B

Tot Ion:244 Resp: 1729627

Ion	Ratio	Lower	Upper
244	100		
212	9.3	6.5	9.7
122	11.9	9.0	13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.13 min Scan# 3717
 Delta R.T. -0.02 min
 Lab File: BG037320.D
 Acq: 13 Oct 2018 10:40

Tgt Ion:264 Resp: 416842

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.2	27.4
265	20.9	17.9	26.9

