

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101118\
 Data File : BG037278.D
 Acq On : 12 Oct 2018 5:49
 Operator : JU/SJ
 Sample : J5302-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-2

Quant Time: Oct 12 07:35:49 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

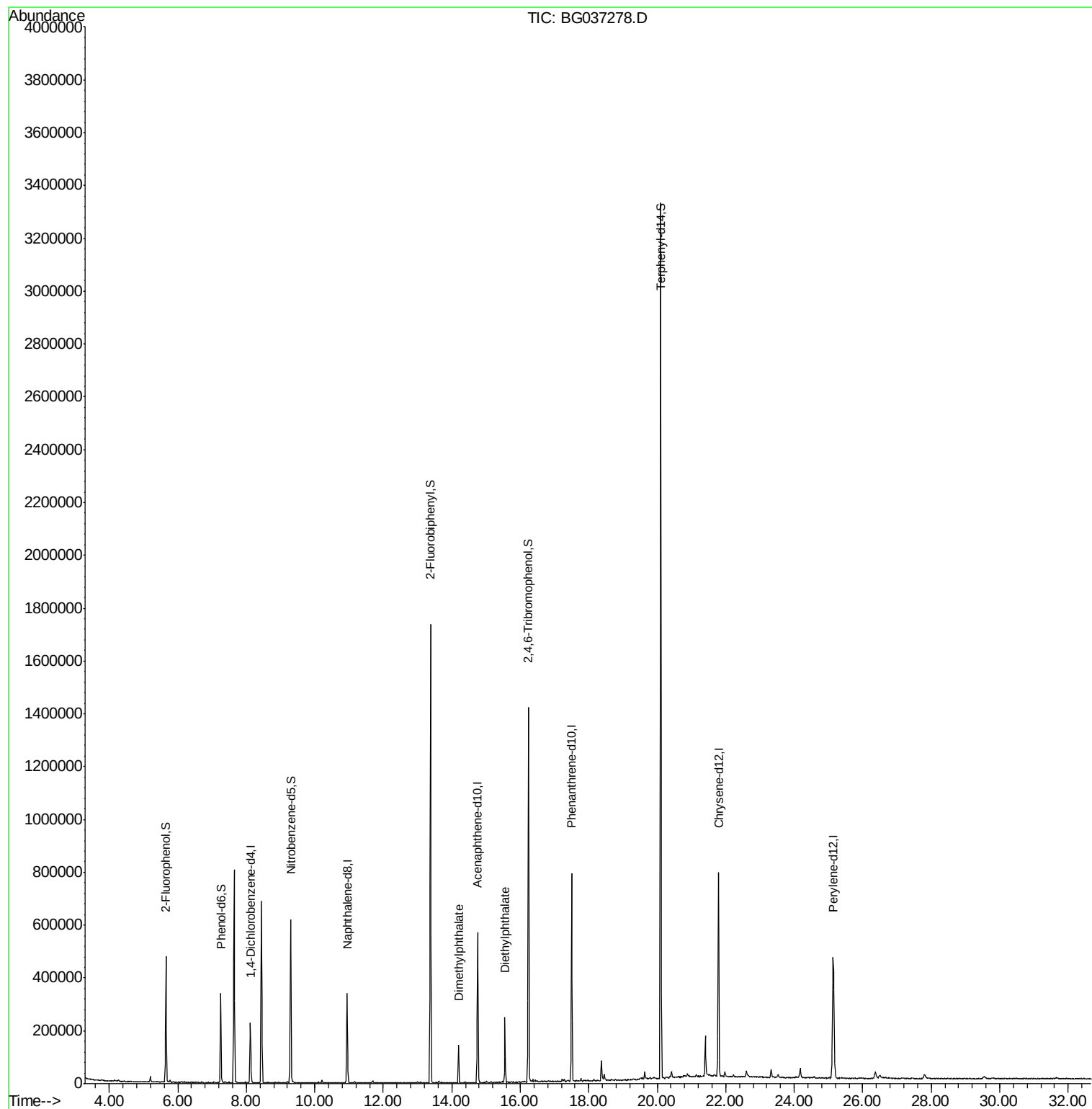
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	67661	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	299792	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	203765	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	508395	20.00	ng	0.00
76) Chrysene-d12	21.79	240	485633	20.00	ng	0.00
87) Perylene-d12	25.14	264	499698	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	222395	57.85	ng	0.00
7) Phenol-d6	7.25	99	210065	36.00	ng	0.00
23) Nitrobenzene-d5	9.30	82	381665	83.70	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	254720	127.46	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	940668	69.33	ng	0.00
79) Terphenyl-d14	20.10	244	1577625	68.21	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.20	163	99397	6.207	ng	98
60) Diethylphthalate	15.56	149	139647	8.415	ng	98

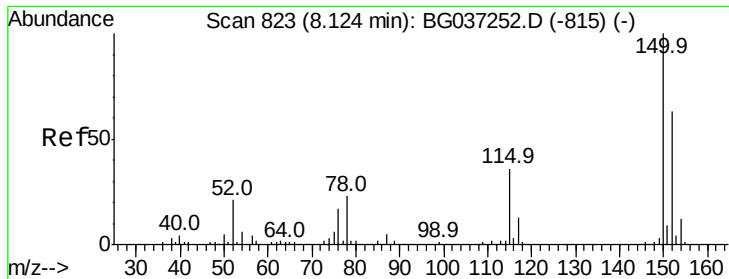
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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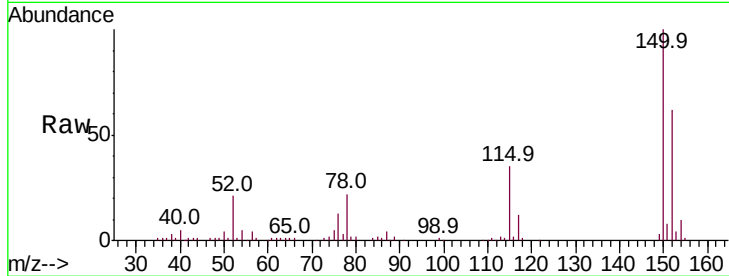


#1

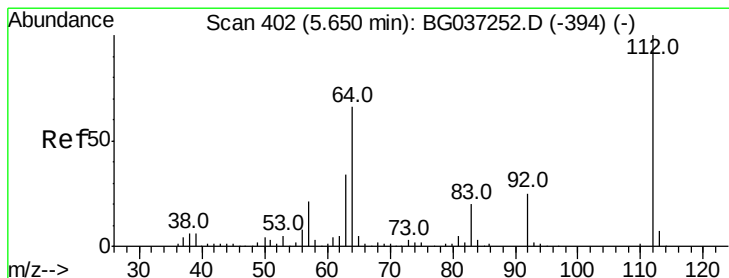
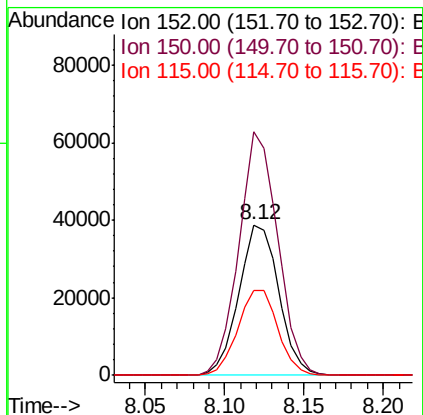
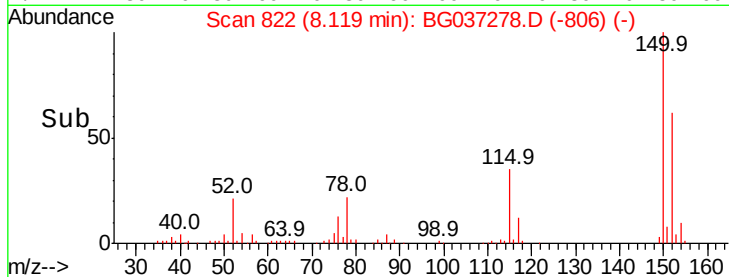
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG037278.D
Acq: 12 Oct 2018 5:49

Instrument :
BNA_G
ClientSampleId :
TW-2

Tot Ion:152 Resp: 67661
Ion Ratio Lower Upper
152 100
150 161.9 126.0 189.0
115 56.7 45.5 68.3



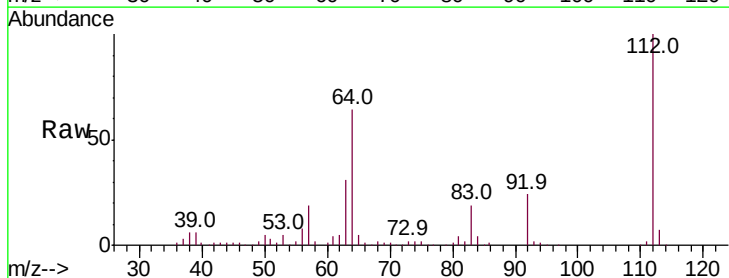
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



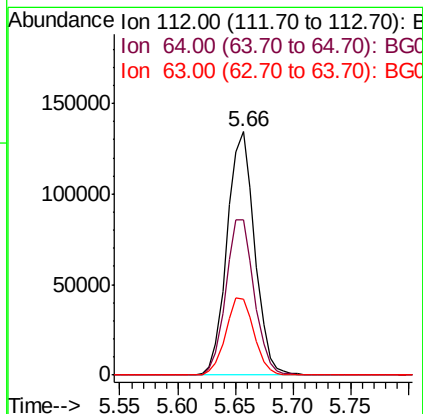
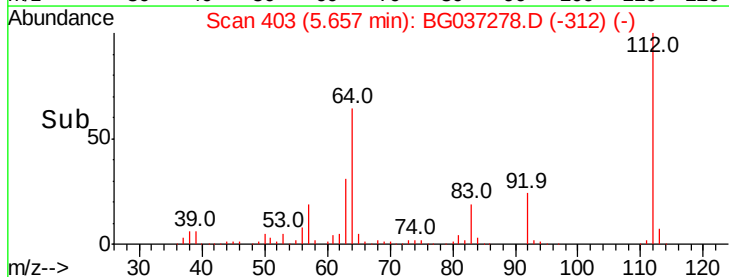
#5

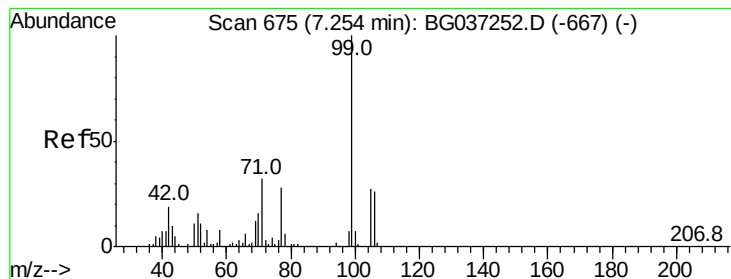
2-Fluorophenol
Concen: 57.846 ng
RT: 5.66 min Scan# 403
Delta R.T. 0.01 min
Lab File: BG037278.D
Acq: 12 Oct 2018 5:49

Tgt Ion:112 Resp: 222395
Ion Ratio Lower Upper
112 100
64 63.9 53.1 79.7
63 31.3 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: 35.998 ng

RT: 7.25 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG037278.D

Acq: 12 Oct 2018 5:49

Instrument :

BNA_G

ClientSampleId :

TW-2

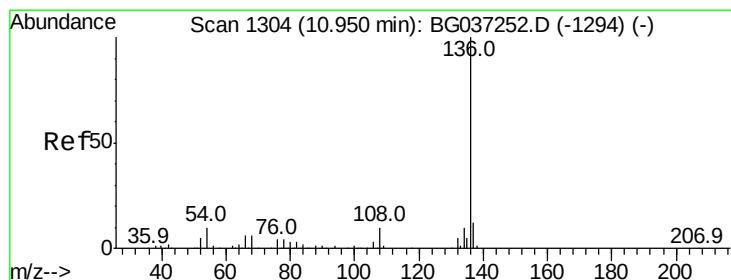
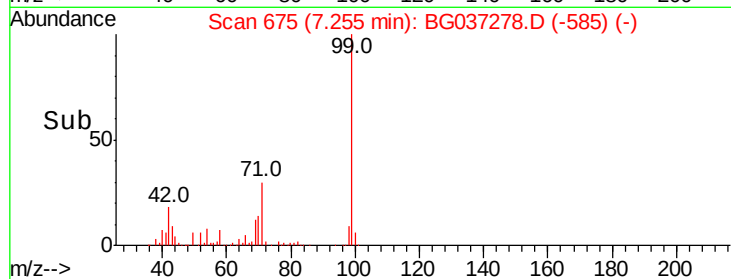
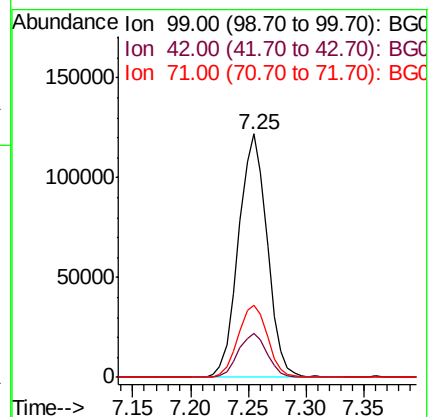
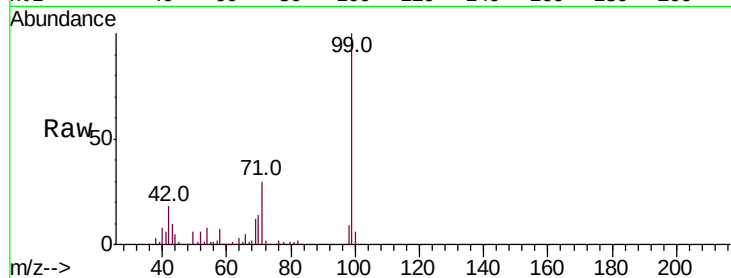
Tot Ion: 99 Resp: 210065

Ion Ratio Lower Upper

99 100

42 17.9 15.0 22.4

71 29.6 25.5 38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.94 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BG037278.D

Acq: 12 Oct 2018 5:49

Tgt Ion: 136 Resp: 299792

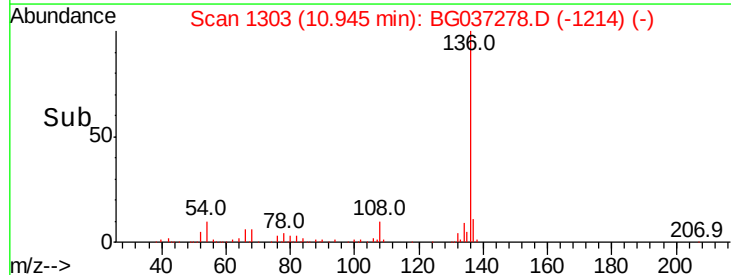
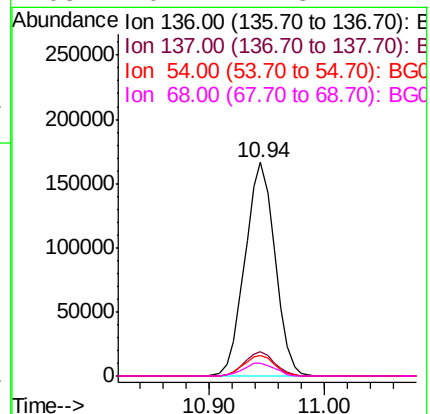
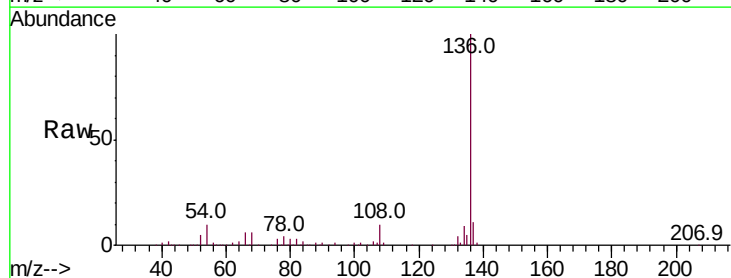
Ion Ratio Lower Upper

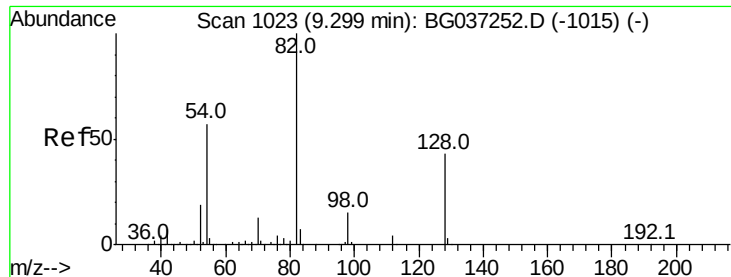
136 100

137 11.5 9.6 14.4

54 9.8 7.9 11.9

68 6.1 4.8 7.2

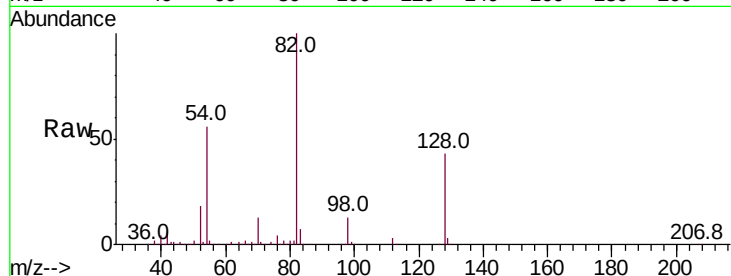




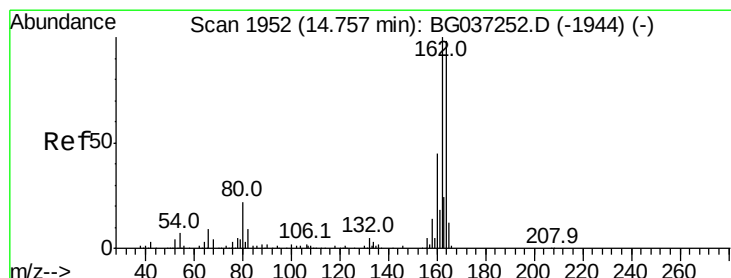
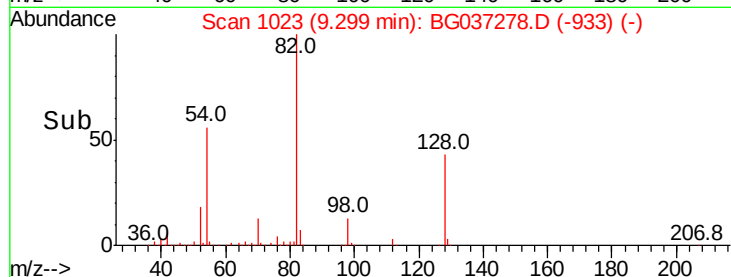
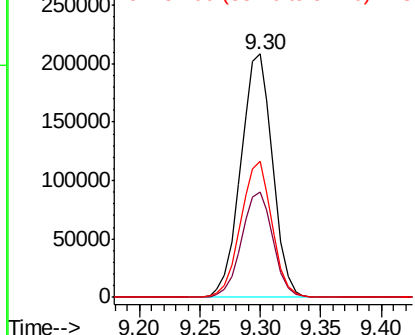
#23
Nitrobenzene-d5
Concen: 83.700 ng
RT: 9.30 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BG037278.D
Acq: 12 Oct 2018 5:49

Instrument :
BNA_G
ClientSampled :
TW-2

Tot Ion	82	Resp	381665
Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.6	51.8
54	55.7	45.3	67.9

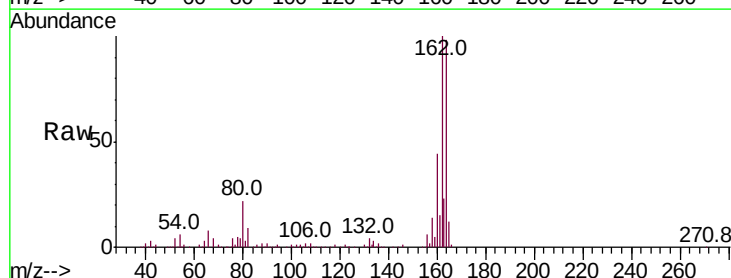


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

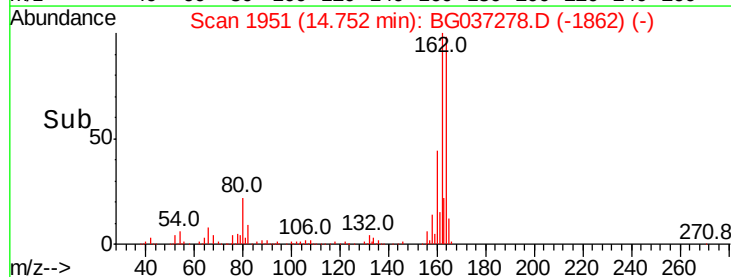
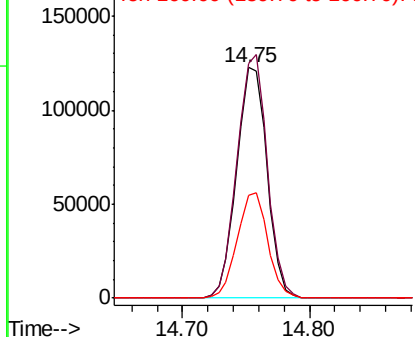


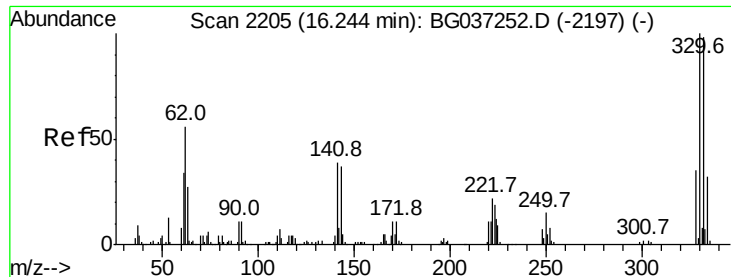
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BG037278.D
Acq: 12 Oct 2018 5:49

Tgt Ion	164	Resp	203765
Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.3	121.9
160	44.4	36.3	54.5



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

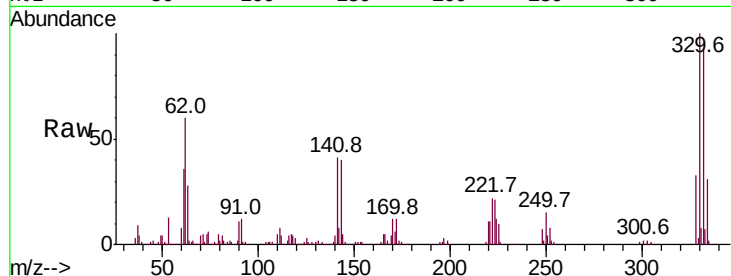




#42
 2,4,6-Tribromophenol
 Concen: 127.464 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BG037278.D
 Acq: 12 Oct 2018 5:49

Instrument :
 BNA_G
 ClientSampleId :
 TW-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	78.4	117.6
141	39.6	32.2	48.2

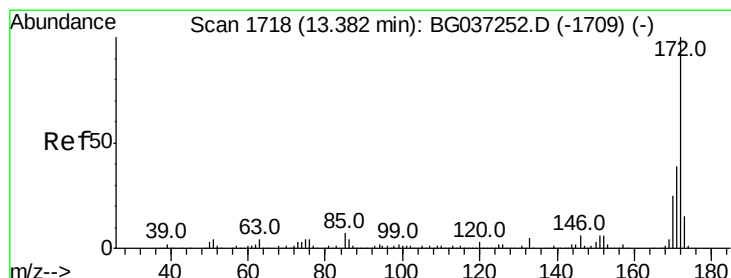
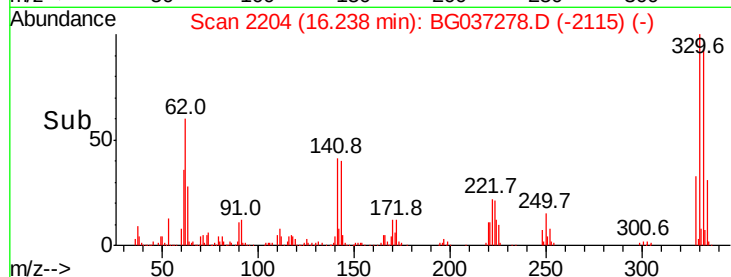
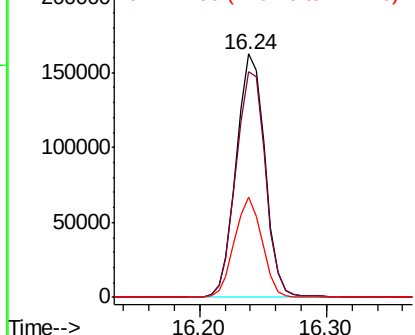


Abundance

Ion 329.80 (329.50 to 330.50): E

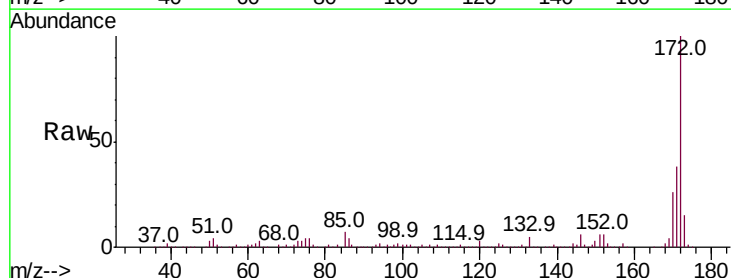
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 69.328 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG037278.D
 Acq: 12 Oct 2018 5:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.0	46.4
170	25.6	20.2	30.2

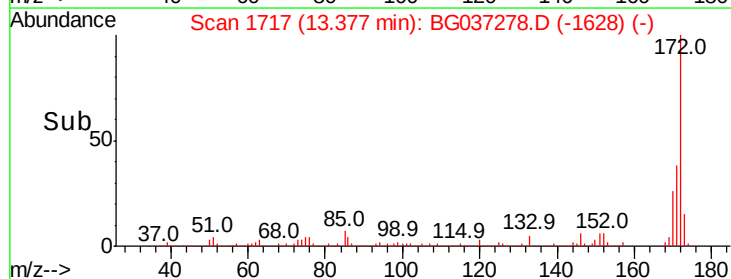
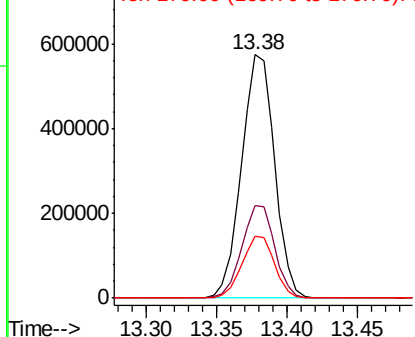


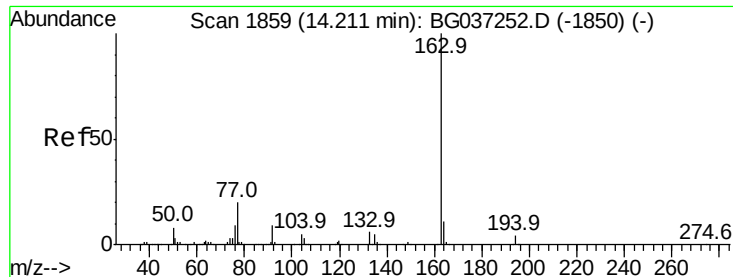
Abundance

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: 6.207 ng

RT: 14.20 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BG037278.D

Acq: 12 Oct 2018 5:49

Instrument :

BNA_G

ClientSampleId :

TW-2

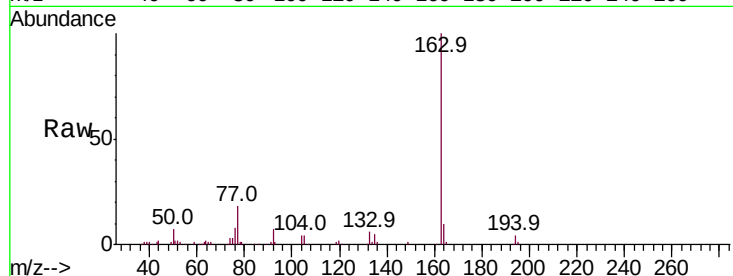
Tot Ion:163 Resp: 99397

Ion Ratio Lower Upper

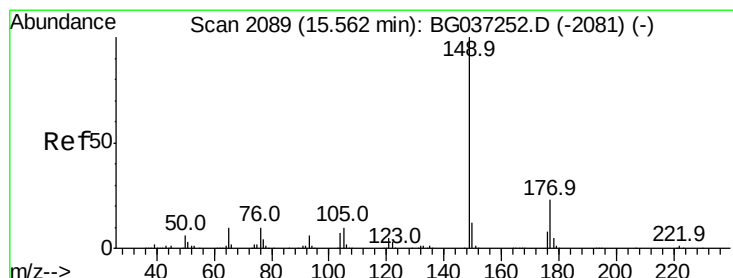
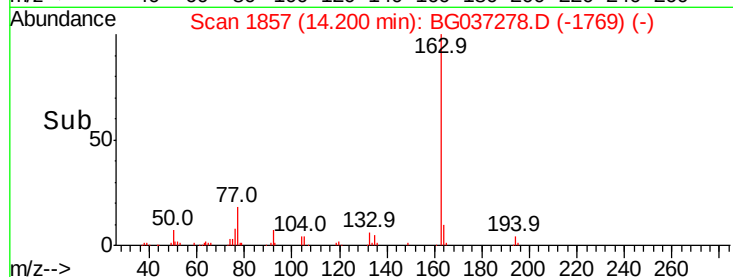
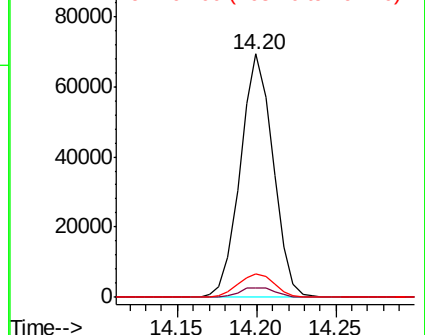
163 100

194 4.1 3.5 5.3

164 9.8 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



#60

Diethylphthalate

Concen: 8.415 ng

RT: 15.56 min Scan# 2088

Delta R.T. -0.01 min

Lab File: BG037278.D

Acq: 12 Oct 2018 5:49

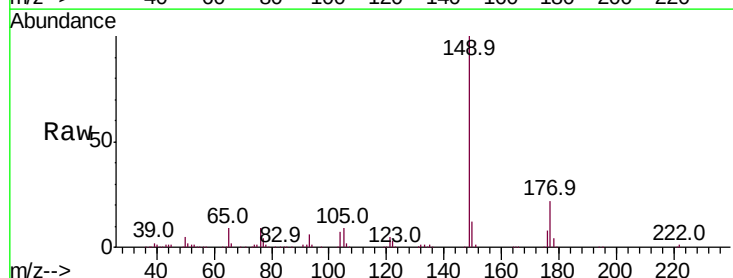
Tgt Ion:149 Resp: 139647

Ion Ratio Lower Upper

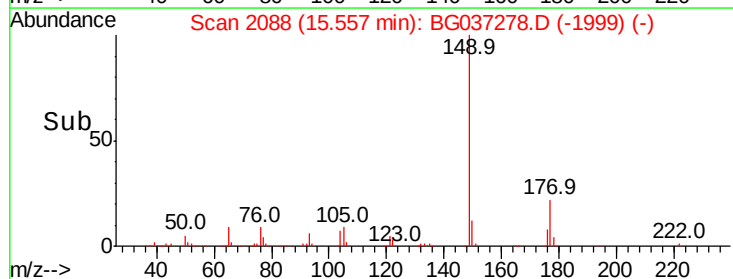
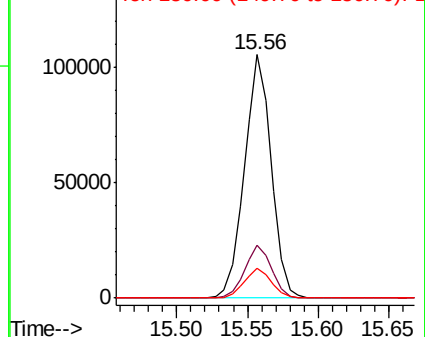
149 100

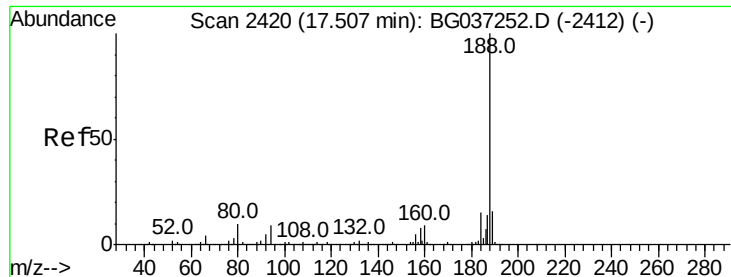
177 21.6 18.3 27.5

150 12.2 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BG037278.D

Acq: 12 Oct 2018 5:49

Instrument :

BNA_G

ClientSampleId :

TW-2

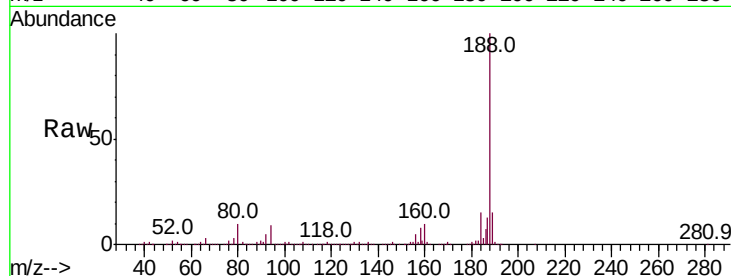
Tot Ion:188 Resp: 508395

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

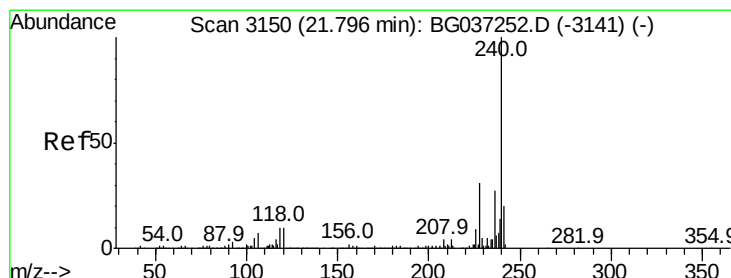
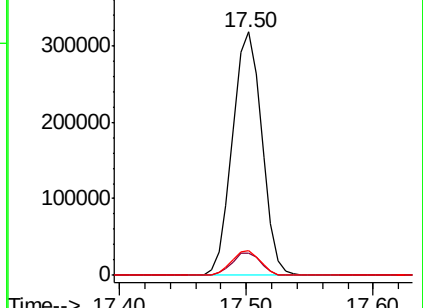
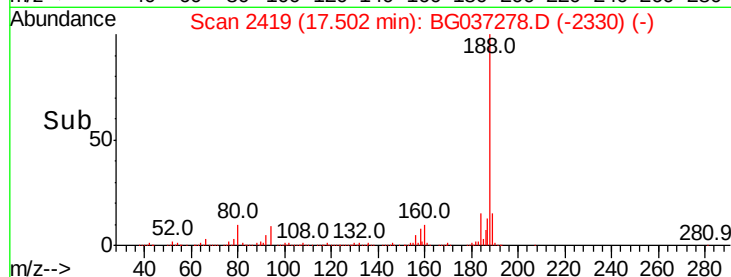
80 10.3 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.79 min Scan# 3149

Delta R.T. -0.01 min

Lab File: BG037278.D

Acq: 12 Oct 2018 5:49

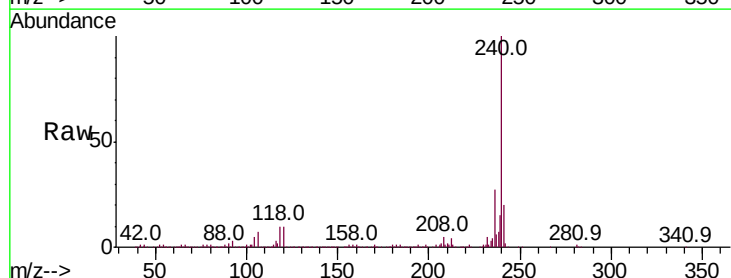
Tgt Ion:240 Resp: 485633

Ion Ratio Lower Upper

240 100

120 10.2 8.1 12.1

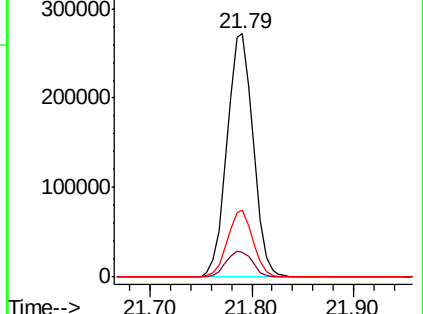
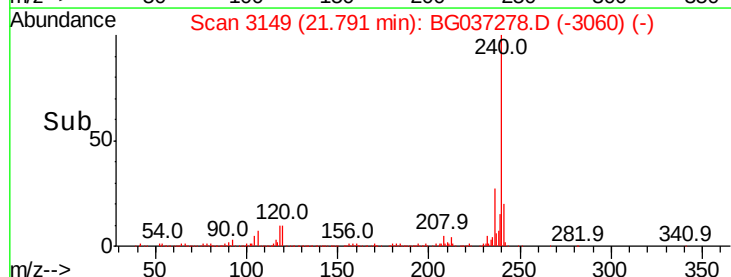
236 27.3 21.4 32.0

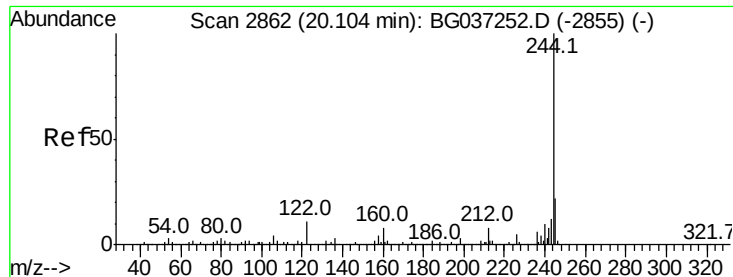


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



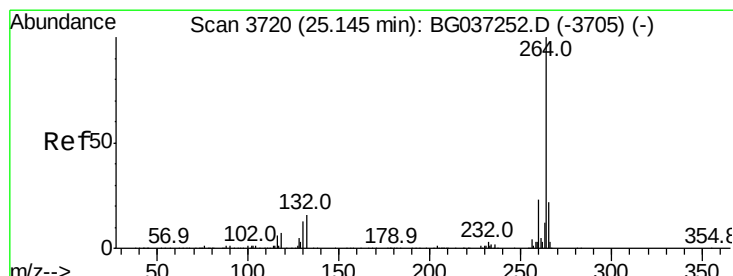
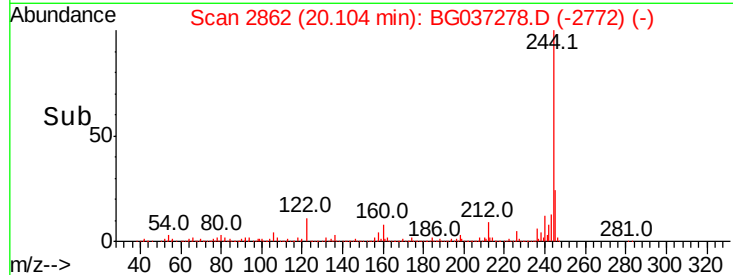
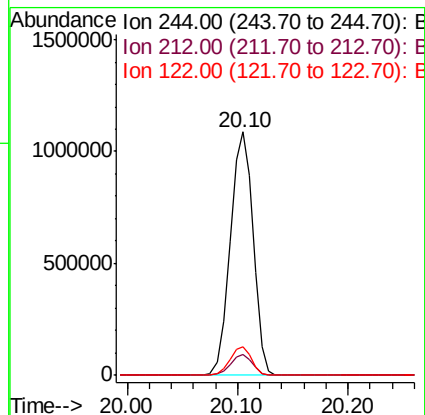
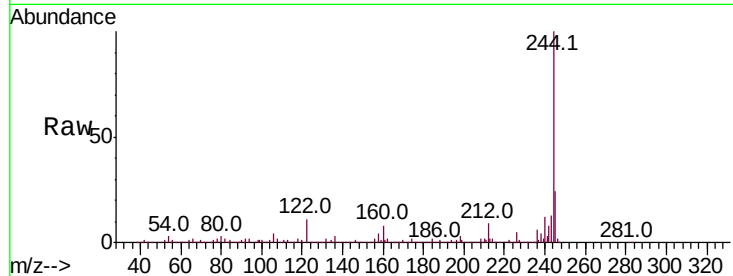


#79
 Terphenyl-d14
 Concen: 68.212 ng
 RT: 20.10 min Scan# 2862
 Delta R.T. 0.00 min
 Lab File: BG037278.D
 Acq: 12 Oct 2018 5:49

Instrument :
 BNA_G
 ClientSampleID :
 TW-2

Tot Ion:244 Resp: 1577625

Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.5	9.7
122	11.5	9.0	13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.14 min Scan# 3719
 Delta R.T. -0.01 min
 Lab File: BG037278.D
 Acq: 12 Oct 2018 5:49

Tgt Ion:264 Resp: 499698

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.4
265	22.4	17.9	26.9

