

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102418\
 Data File : BG037535.D
 Acq On : 25 Oct 2018 7:13
 Operator : JU/SJ
 Sample : J5623-14
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 101918-DBRI-E-U-S

Quant Time: Oct 25 08:33:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

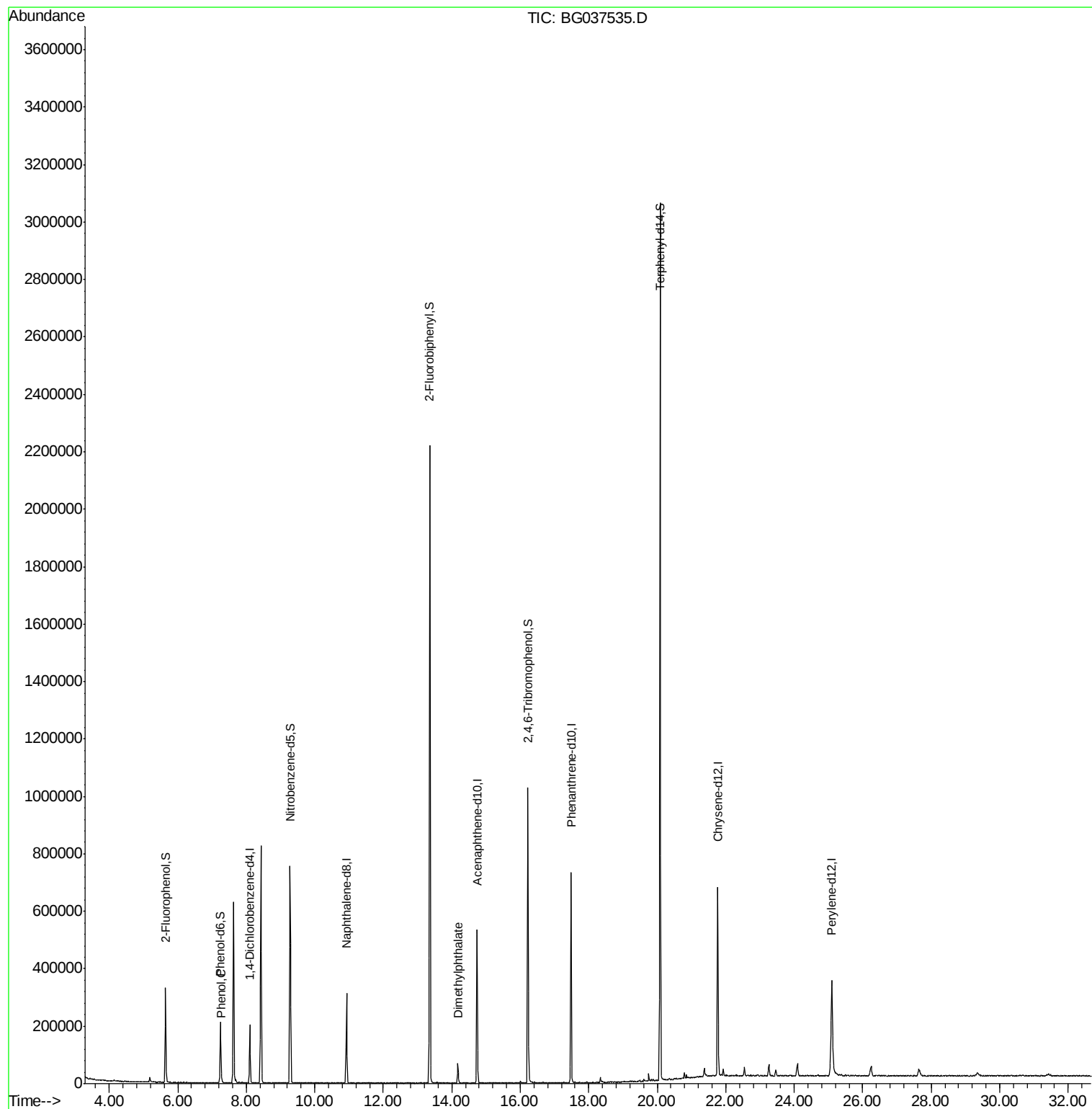
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	58935	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	278646	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	190863	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	451294	20.00	ng	0.00
76) Chrysene-d12	21.77	240	415212	20.00	ng	0.00
87) Perylene-d12	25.10	264	396382	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	154547	43.84	ng	0.00
7) Phenol-d6	7.24	99	139162	26.11	ng	0.00
23) Nitrobenzene-d5	9.28	82	476547	95.80	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	188852	90.72	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1179850	93.22	ng	0.00
79) Terphenyl-d14	20.08	244	1522473	78.35	ng	0.00
Target Compounds						
10) Phenol	7.27	94	19191	3.412	ng	97
50) Dimethylphthalate	14.18	163	50944	3.450	ng	99

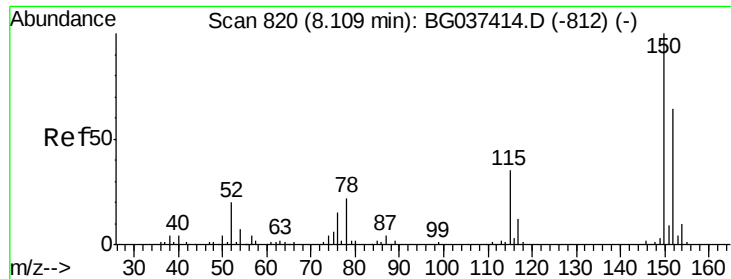
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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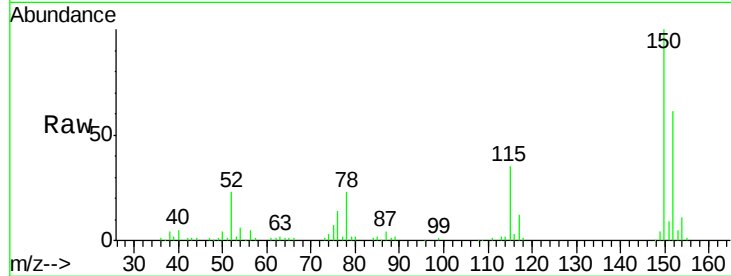


#1

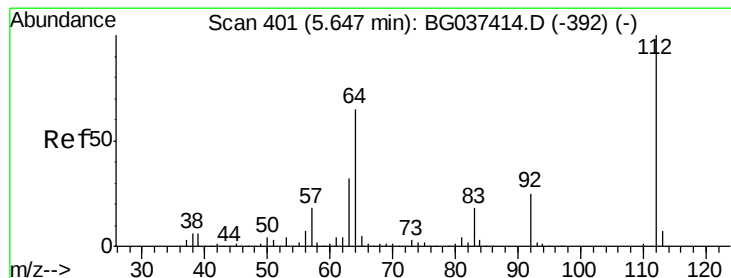
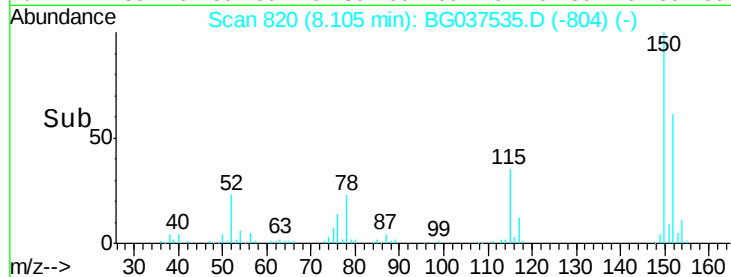
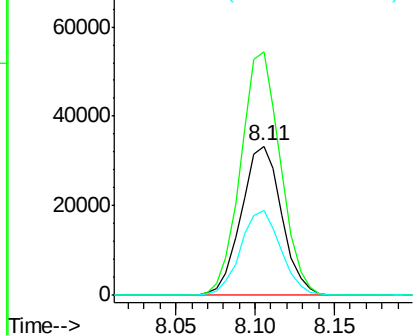
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037535.D
Acq: 25 Oct 2018 7:13

Instrument :
BNA_G
ClientSampleId :
101918-DBRI-E-U-S

Tgt Ion:152 Resp: 58935
Ion Ratio Lower Upper
152 100
150 162.8 126.0 189.0
115 56.9 45.5 68.3



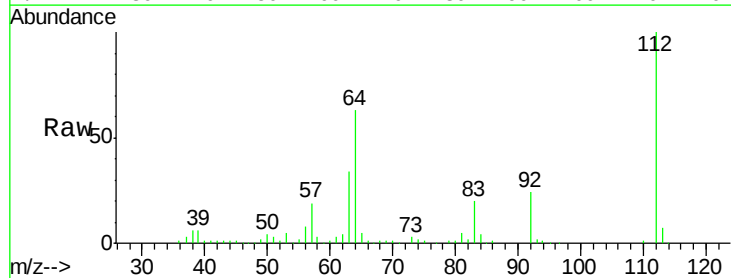
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



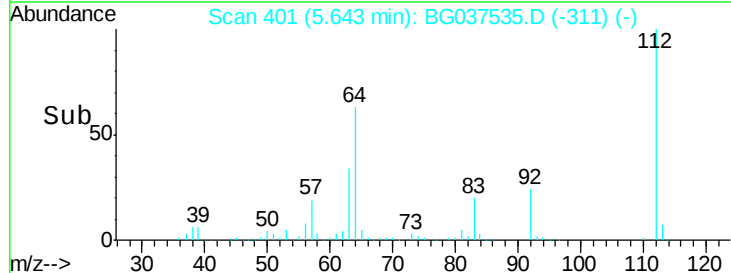
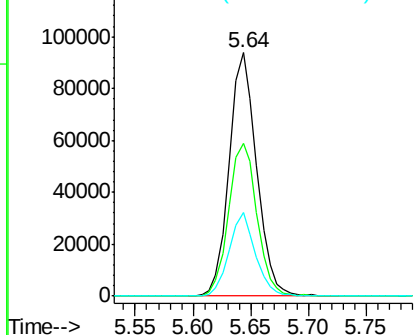
#5

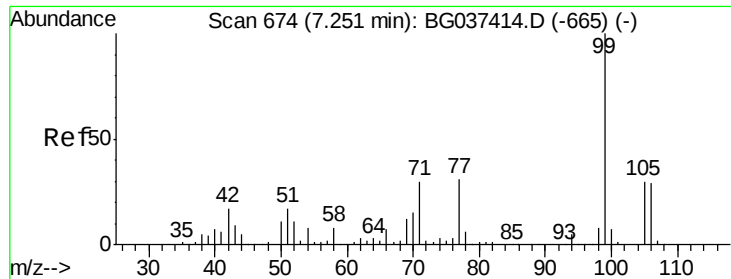
2-Fluorophenol
Concen: 43.842 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037535.D
Acq: 25 Oct 2018 7:13

Tgt Ion:112 Resp: 154547
Ion Ratio Lower Upper
112 100
64 62.9 53.1 79.7
63 34.2 27.3 40.9



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: 26.107 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037535.D

Acq: 25 Oct 2018 7:13

Instrument :

BNA_G

ClientSampleId :

101918-DBRI-E-U-S

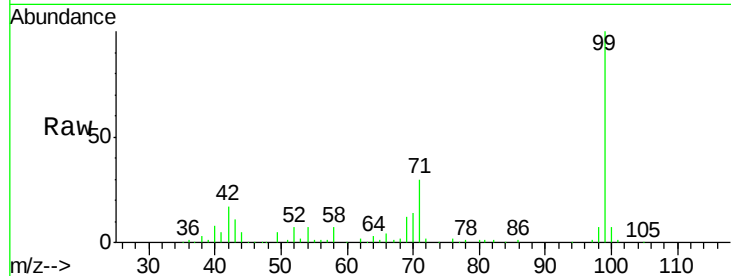
Tgt Ion: 99 Resp: 139162

Ion Ratio Lower Upper

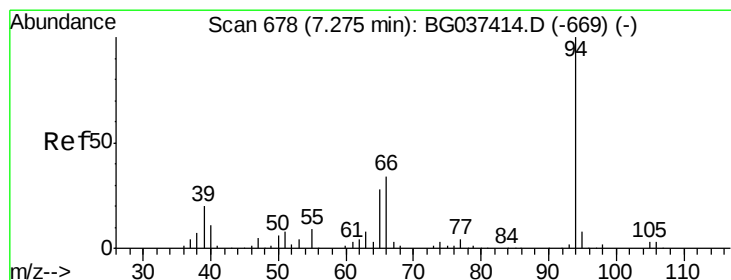
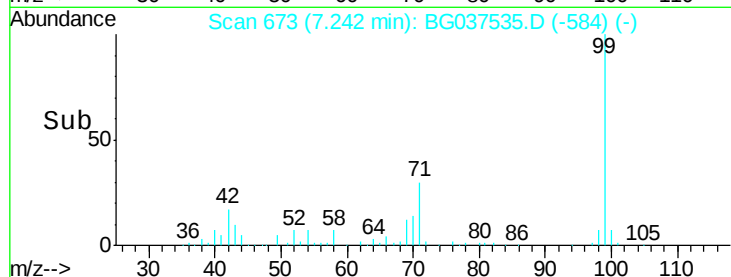
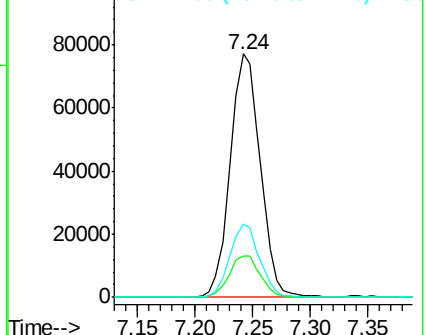
99 100

42 17.1 15.0 22.4

71 29.9 25.5 38.3



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



#10

Phenol

Concen: 3.412 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037535.D

Acq: 25 Oct 2018 7:13

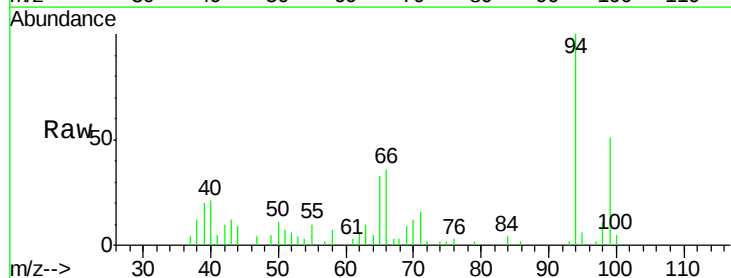
Tgt Ion: 94 Resp: 19191

Ion Ratio Lower Upper

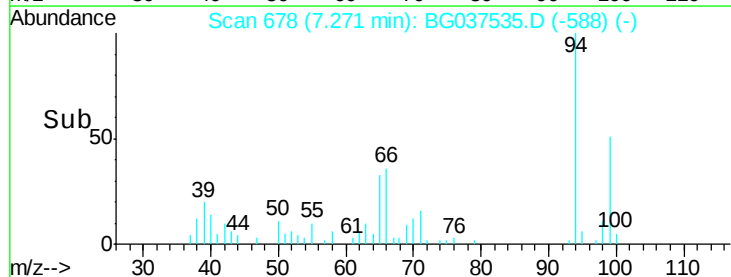
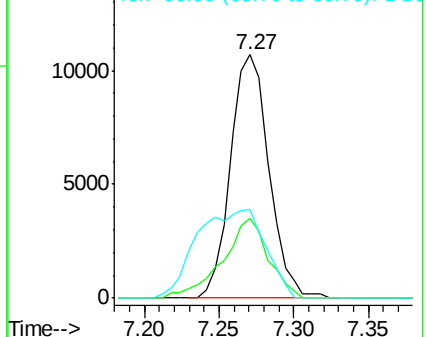
94 100

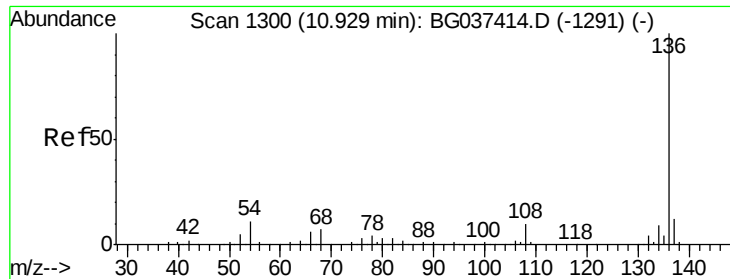
65 32.9 9.7 49.7

66 36.4 15.9 55.9



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

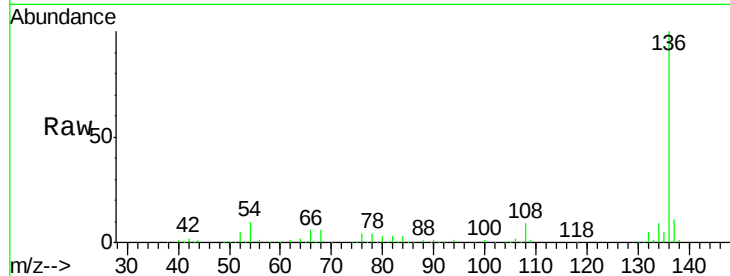




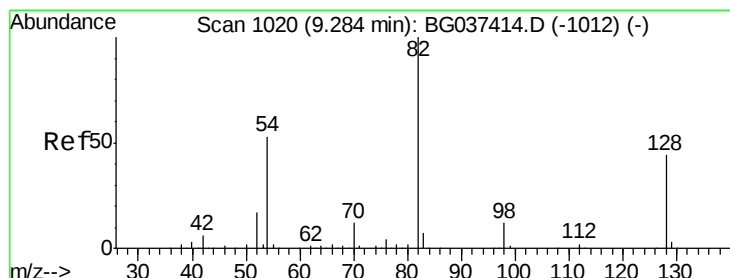
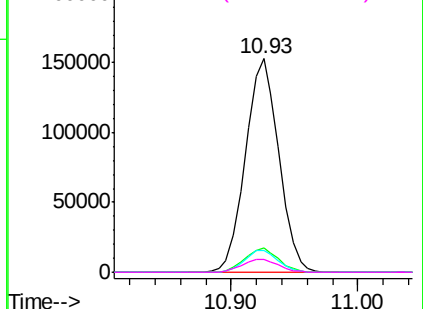
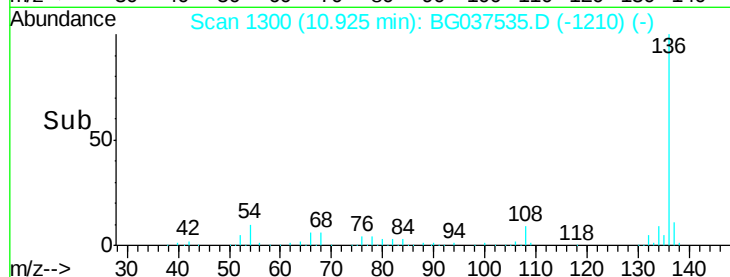
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037535.D
Acq: 25 Oct 2018 7:13

Instrument :
BNA_G
ClientSampleId :
101918-DBRI-E-U-S

Tgt Ion:	136	Resp:	278646
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.6	14.4
54	10.1	7.9	11.9
68	6.1	4.8	7.2

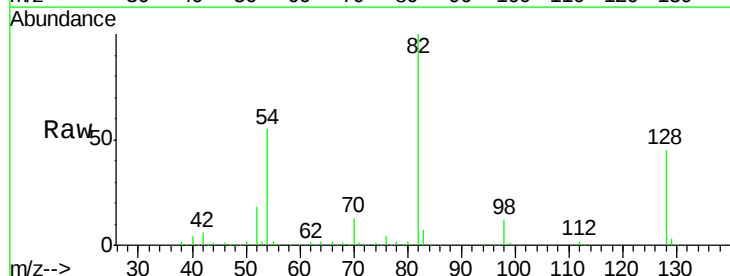


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

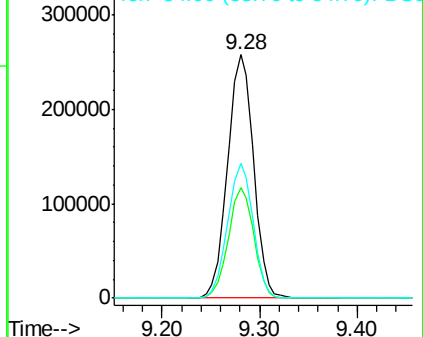
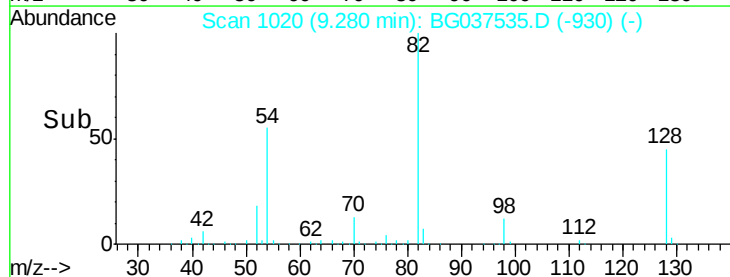


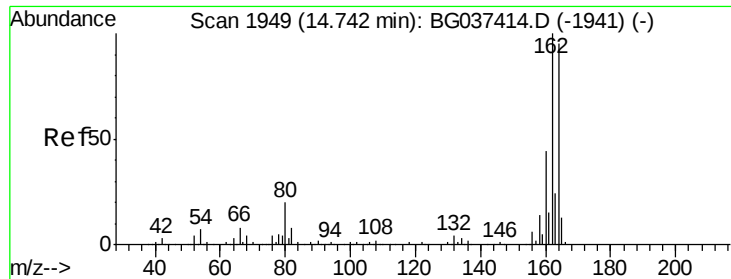
#23
Nitrobenzene-d5
Concen: 95.805 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037535.D
Acq: 25 Oct 2018 7:13

Tgt Ion:	82	Resp:	476547
Ion	Ratio	Lower	Upper
82	100		
128	45.3	34.6	51.8
54	55.2	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: 14.74 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG037535.D

Acq: 25 Oct 2018 7:13

Instrument :

BNA_G

ClientSampleId :

101918-DBRI-E-U-S

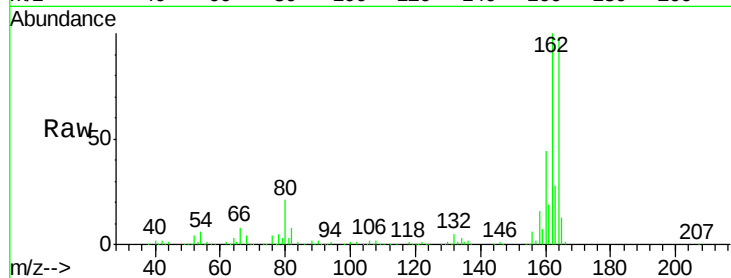
Tgt Ion:164 Resp: 190863

Ion Ratio Lower Upper

164 100

162 102.3 81.3 121.9

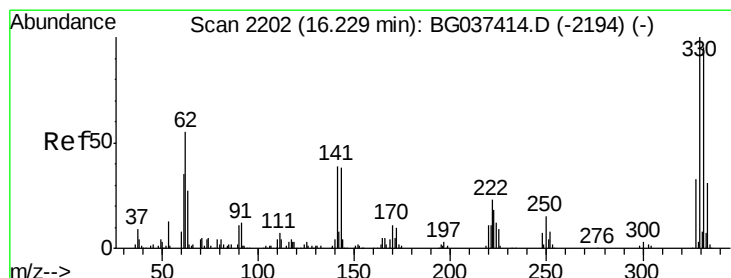
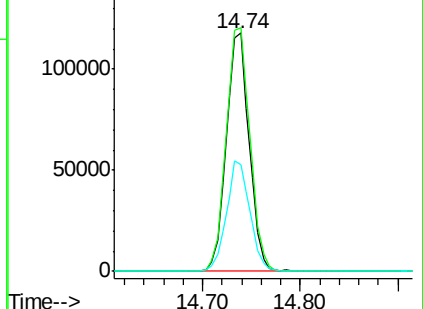
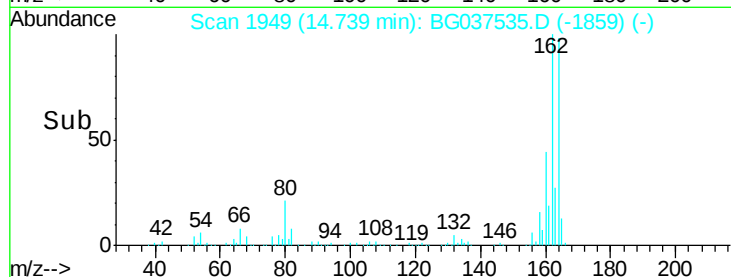
160 44.8 36.3 54.5



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: 90.719 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037535.D

Acq: 25 Oct 2018 7:13

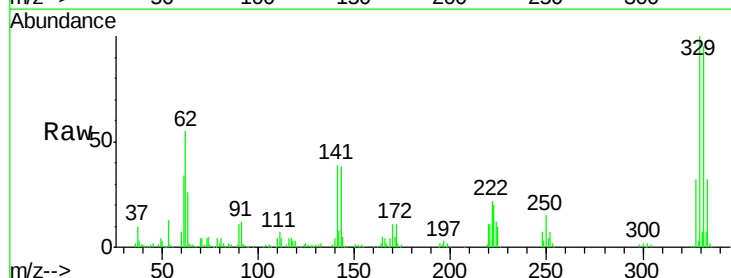
Tgt Ion:330 Resp: 188852

Ion Ratio Lower Upper

330 100

332 96.5 78.4 117.6

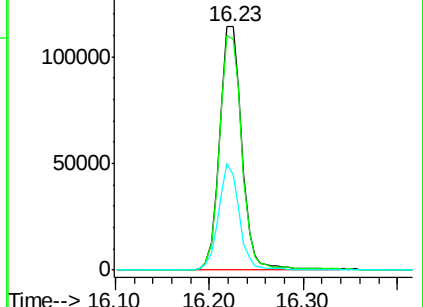
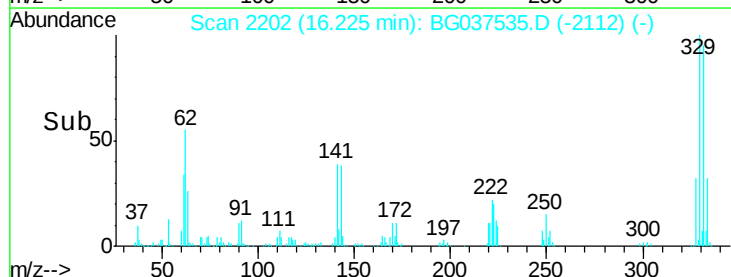
141 40.9 32.2 48.2

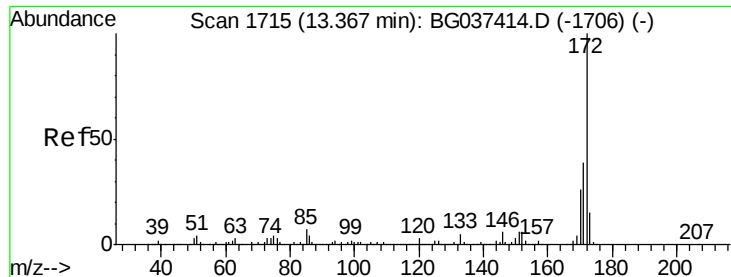


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

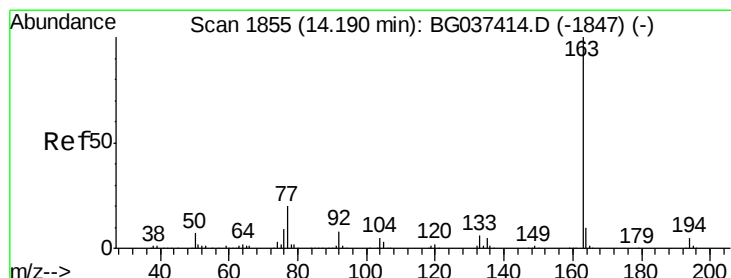
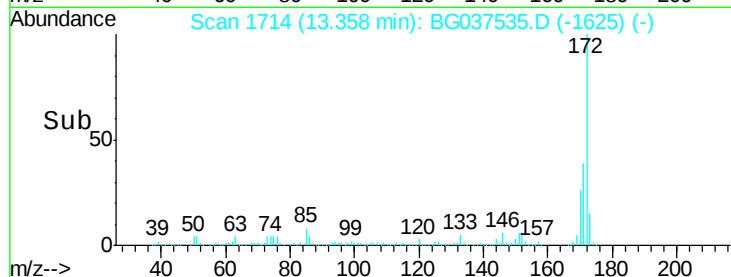
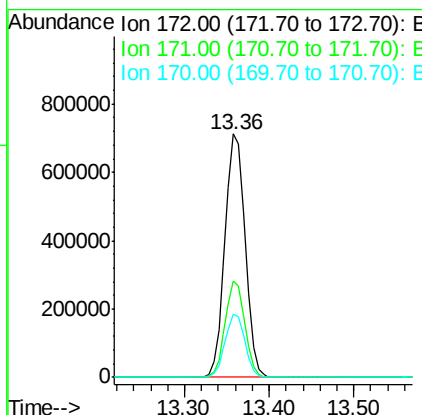
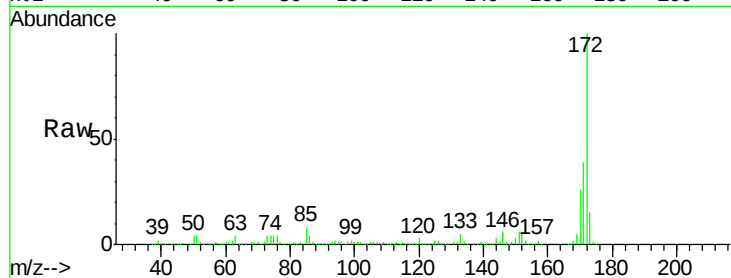




#45
 2-Fluorobiphenyl
 Concen: 93.216 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037535.D
 Acq: 25 Oct 2018 7:13

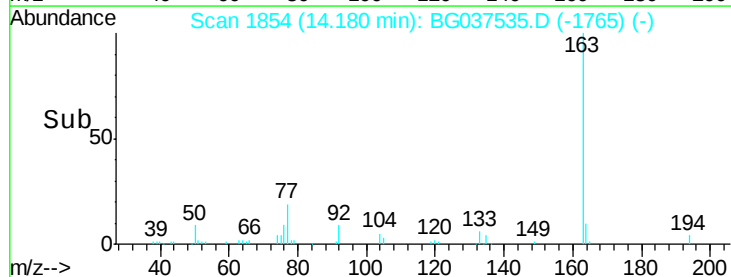
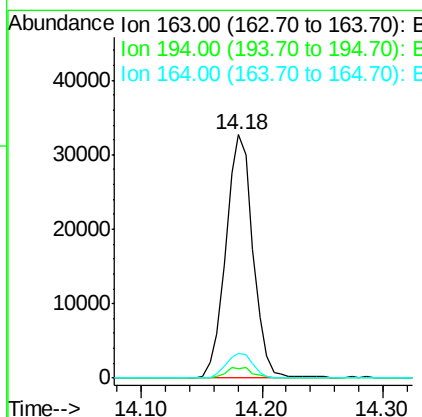
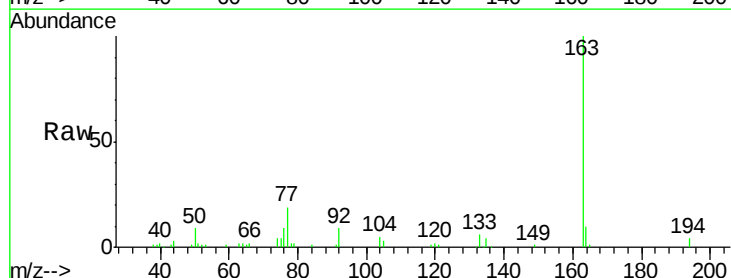
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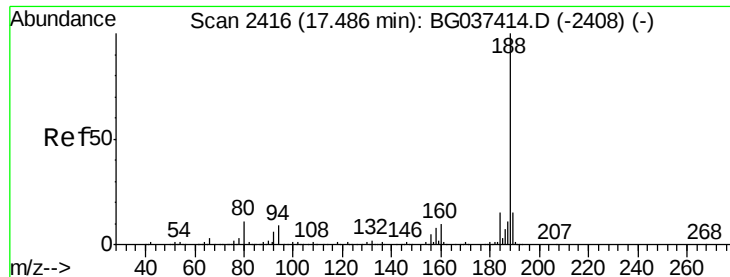
Tgt Ion:172 Resp: 1179850
 Ion Ratio Lower Upper
 172 100
 171 39.4 31.0 46.4
 170 26.1 20.2 30.2



#50
 Dimethylphthalate
 Concen: 3.450 ng
 RT: 14.18 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BG037535.D
 Acq: 25 Oct 2018 7:13

Tgt Ion:163 Resp: 50944
 Ion Ratio Lower Upper
 163 100
 194 3.9 3.5 5.3
 164 10.3 8.5 12.7

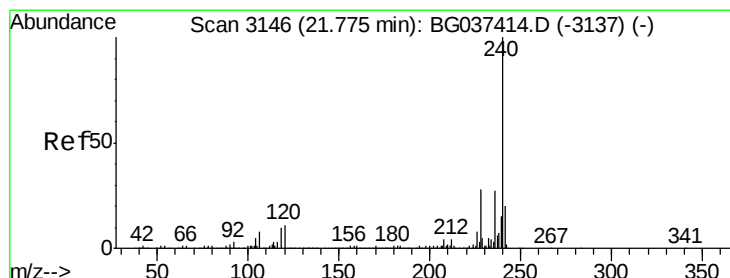
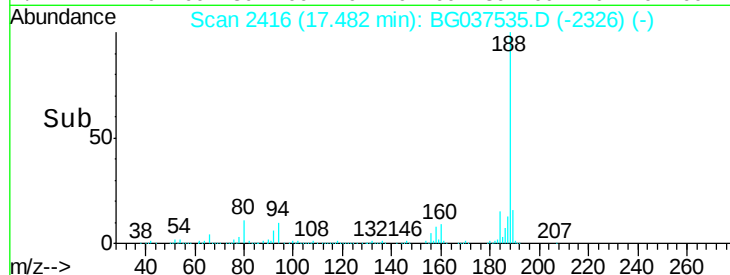
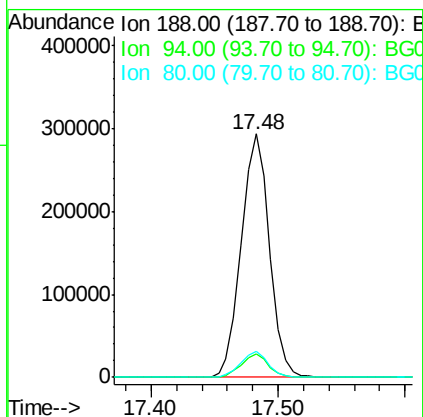
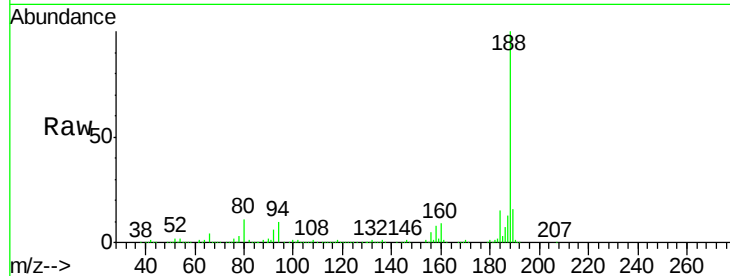




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037535.D
Acq: 25 Oct 2018 7:13

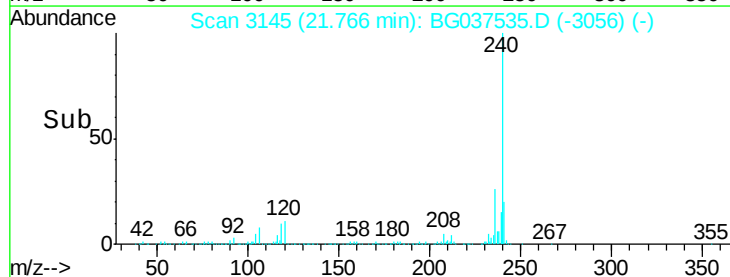
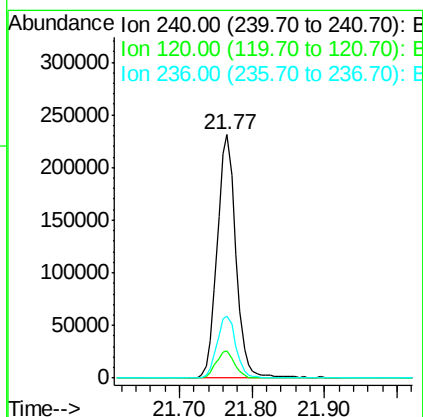
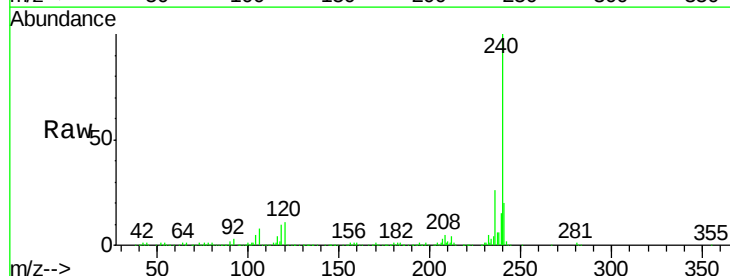
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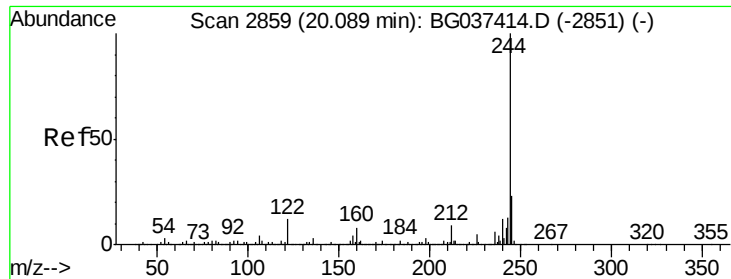
Tgt Ion:188 Resp: 451294
Ion Ratio Lower Upper
188 100
94 9.6 7.2 10.8
80 10.8 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037535.D
Acq: 25 Oct 2018 7:13

Tgt Ion:240 Resp: 415212
Ion Ratio Lower Upper
240 100
120 11.1 8.1 12.1
236 25.6 21.4 32.0





#79

Terphenyl-d14

Concen: 78.350 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037535.D

Acq: 25 Oct 2018 7:13

Instrument :

BNA_G

ClientSampleId :

101918-DBRI-E-U-S

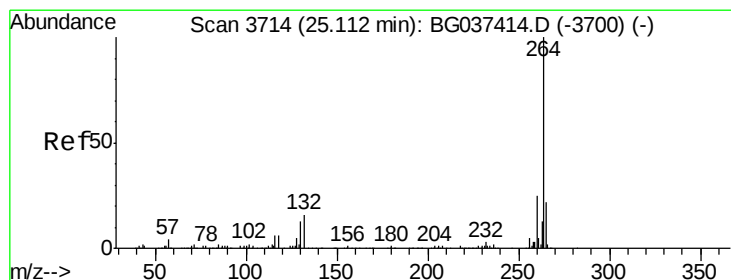
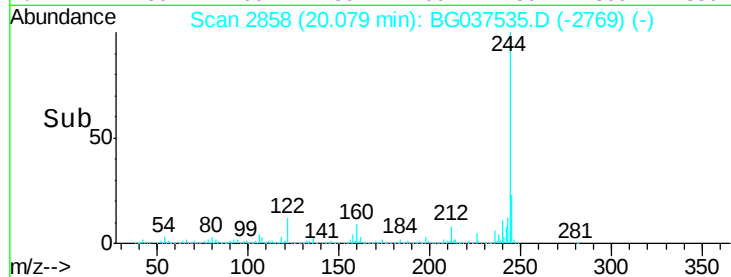
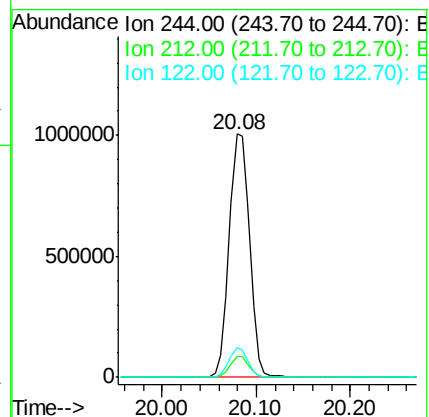
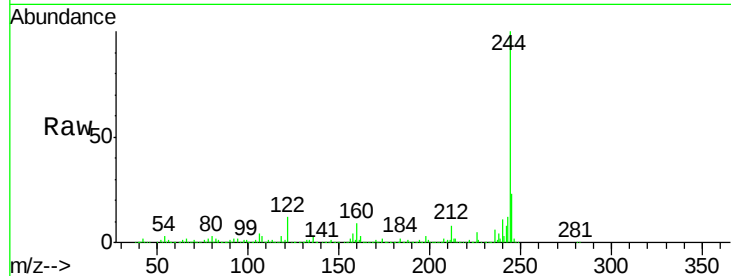
Tgt Ion:244 Resp: 1522473

Ion Ratio Lower Upper

244 100

212 8.5 6.5 9.7

122 12.4 9.0 13.4



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3712

Delta R.T. -0.02 min

Lab File: BG037535.D

Acq: 25 Oct 2018 7:13

Tgt Ion:264 Resp: 396382

Ion Ratio Lower Upper

264 100

260 22.8 18.2 27.4

265 21.2 17.9 26.9

