

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071718\
 Data File : BG035709.D
 Acq On : 18 Jul 2018 9:04
 Operator : JU/SJ
 Sample : J3990-09
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 071218-TIPC-F-U-B

Quant Time: Jul 18 10:57:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 12 14:43:32 2018
 Response via : Initial Calibration

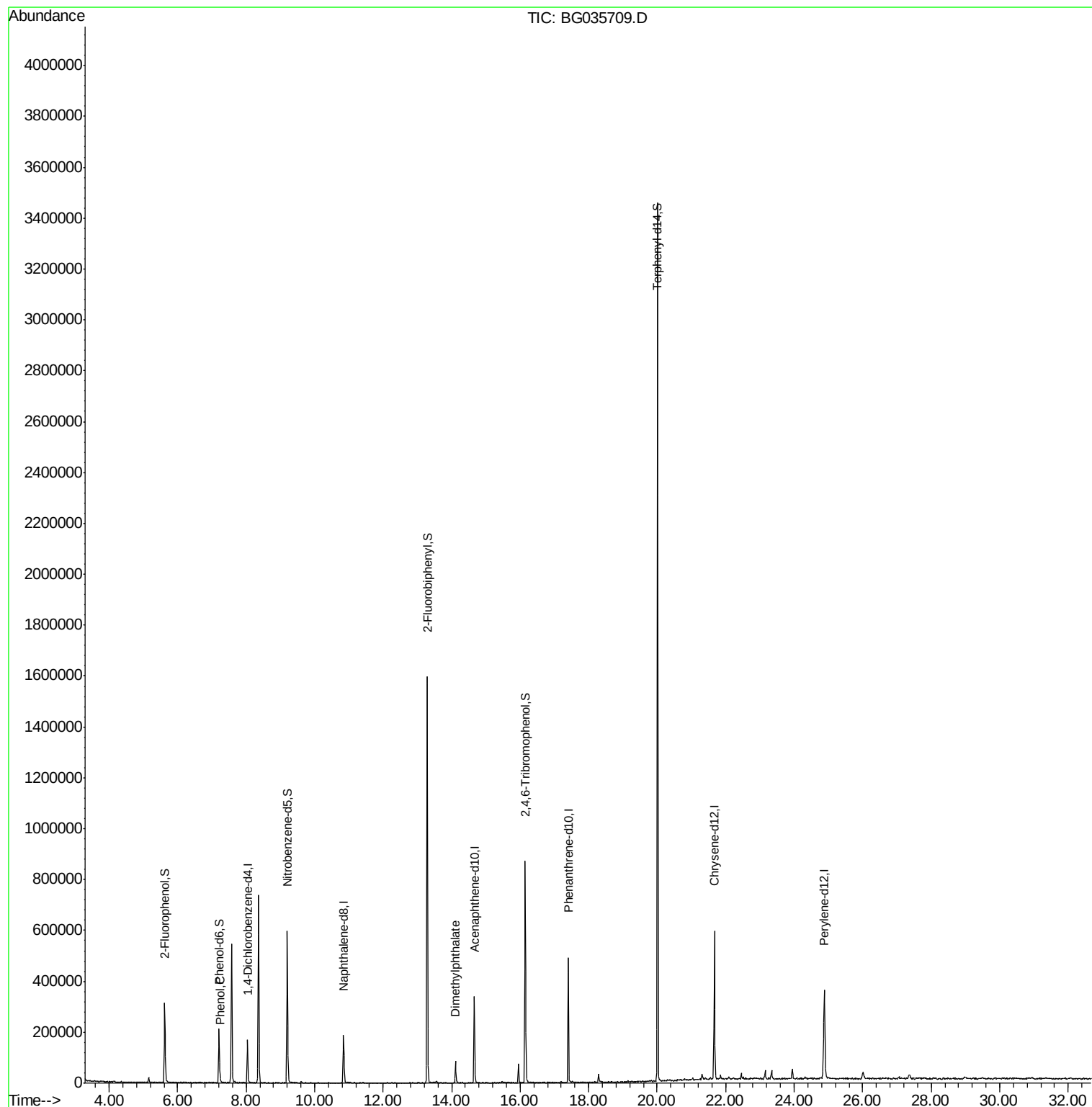
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	47734	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	165225	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	110429	20.00	ng	-0.02
63) Phenanthrene-d10	17.41	188	308177	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	385739	20.00	ng	-0.02
86) Perylene-d12	24.88	264	368142	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	144421	50.23	ng	-0.01
7) Phenol-d6	7.21	99	136439	31.81	ng	-0.01
23) Nitrobenzene-d5	9.20	82	410327	103.75	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	158533	108.92	ng	-0.02
44) 2-Fluorobiphenyl	13.29	172	904264	109.71	ng	-0.02
78) Terphenyl-d14	20.01	244	1596979	91.26	ng	-0.01
Target Compounds						
10) Phenol	7.24	94	9527	2.198	ng	90
49) Dimethylphthalate	14.11	163	61287	6.334	ng	98

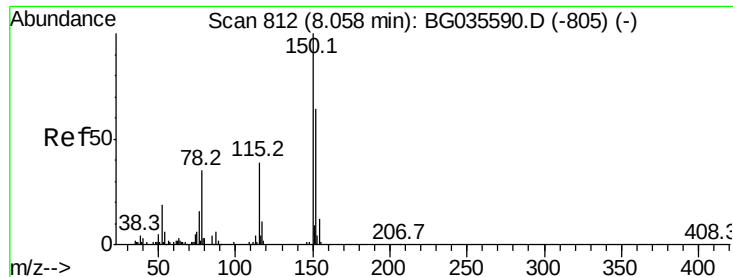
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 808

Delta R.T. -0.02 min

Lab File: BG035709.D

Acq: 18 Jul 2018 9:04

Instrument :

BNA_G

ClientSampleId :

071218-TIPC-F-U-B

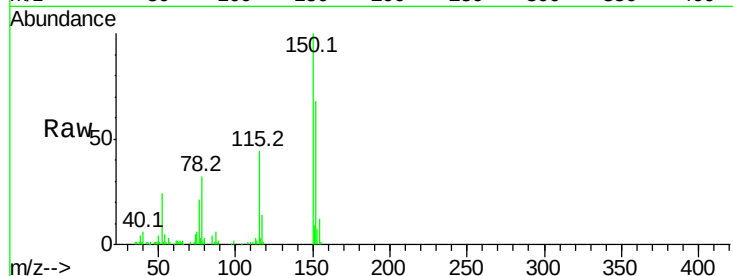
Tot Ion:152 Resp: 47734

Ion Ratio Lower Upper

152 100

150 147.4 126.6 189.8

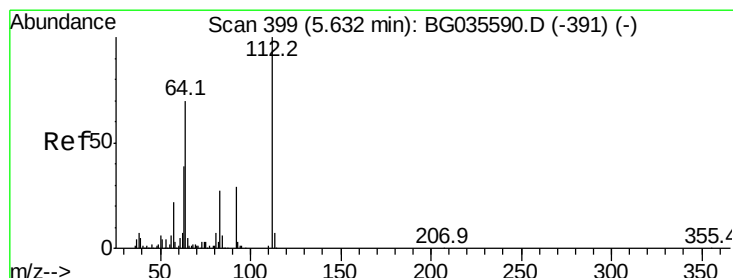
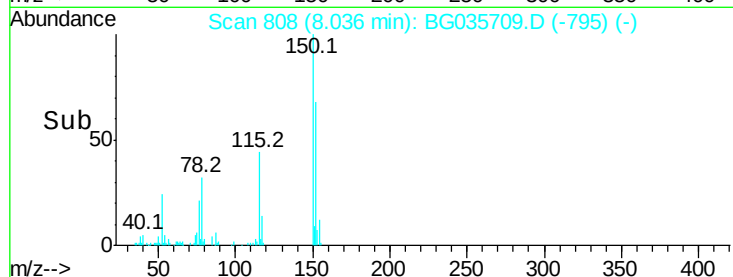
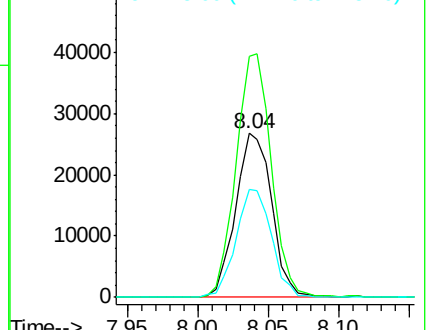
115 65.6 53.0 79.4



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: 50.231 ng

RT: 5.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BG035709.D

Acq: 18 Jul 2018 9:04

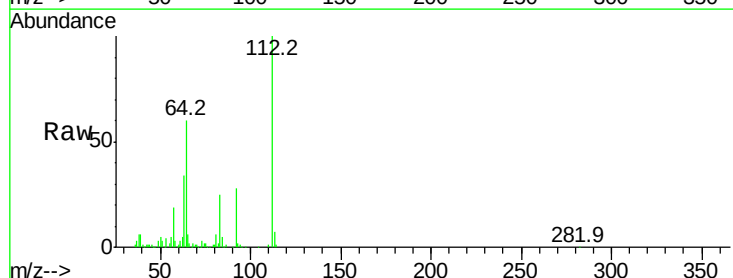
Tgt Ion:112 Resp: 144421

Ion Ratio Lower Upper

112 100

64 60.1 56.3 84.5

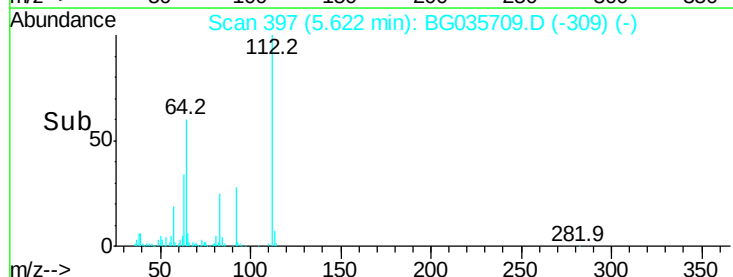
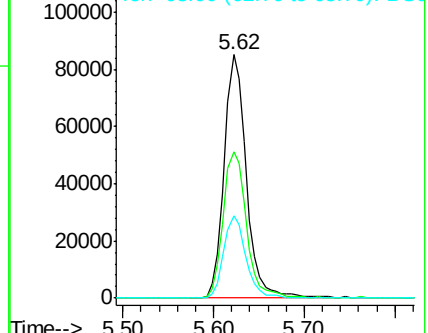
63 34.0 30.1 45.1

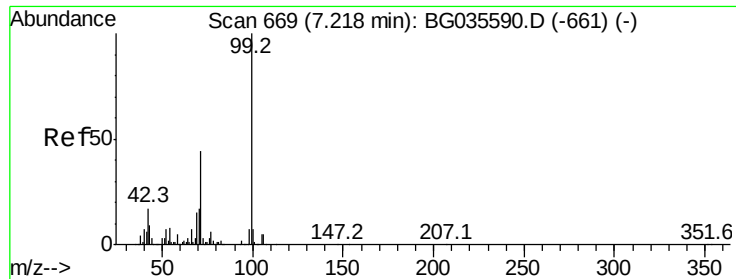


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 31.806 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG035709.D

Acq: 18 Jul 2018 9:04

Instrument :

BNA_G

ClientSampleId :

071218-TIPC-F-U-B

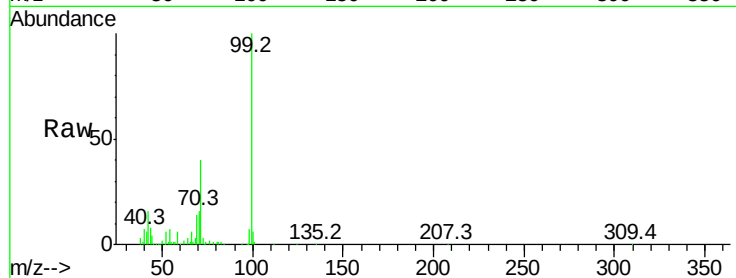
Tot Ion: 99 Resp: 136439

Ion Ratio Lower Upper

99 100

42 16.5 14.1 21.1

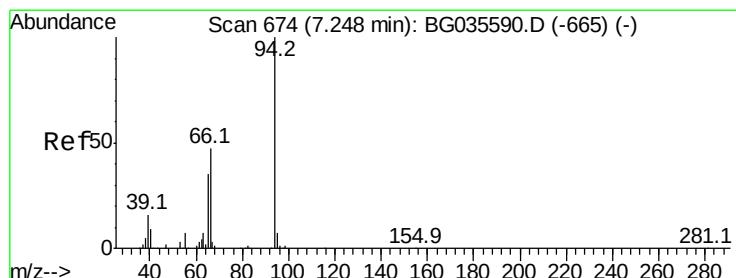
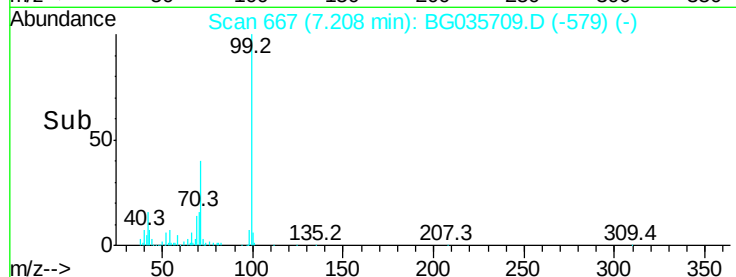
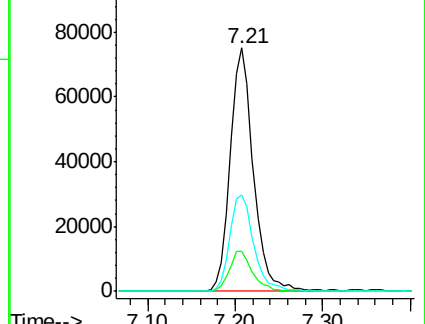
71 39.8 26.1 39.1#



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



#10

Phenol

Concen: 2.198 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG035709.D

Acq: 18 Jul 2018 9:04

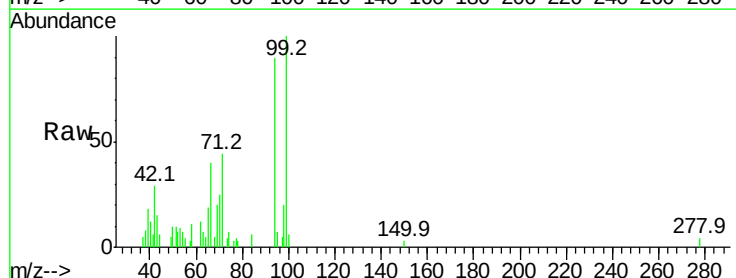
Tgt Ion: 94 Resp: 9527

Ion Ratio Lower Upper

94 100

65 21.4 11.9 51.9

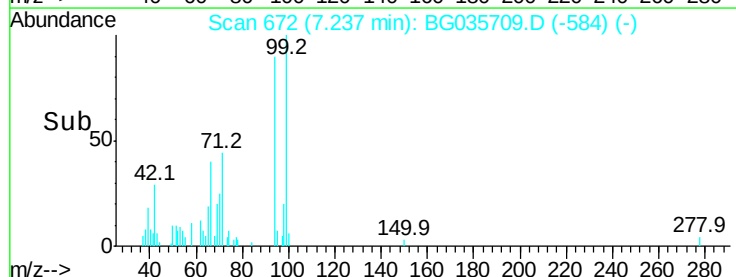
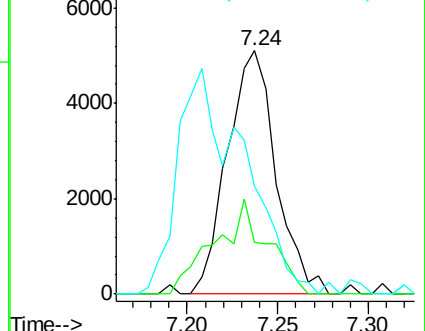
66 44.2 22.2 62.2

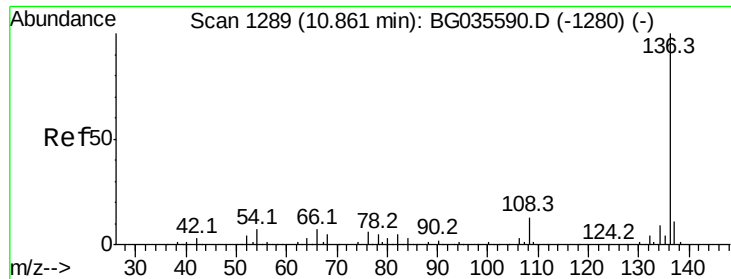


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

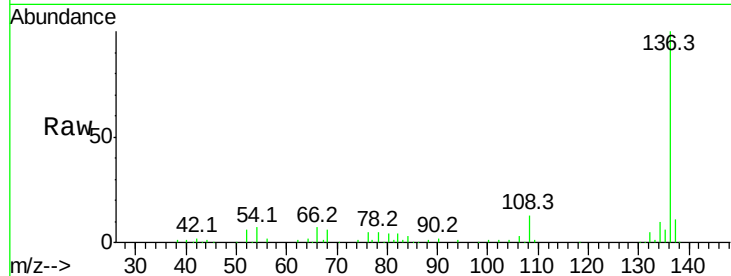




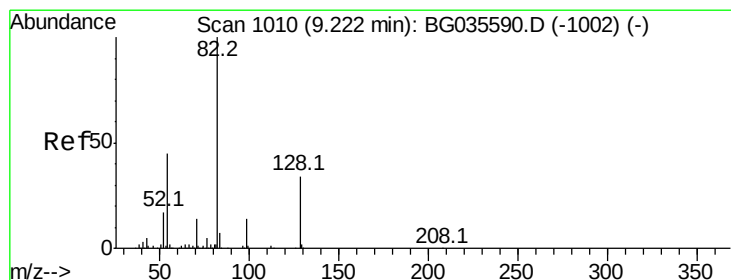
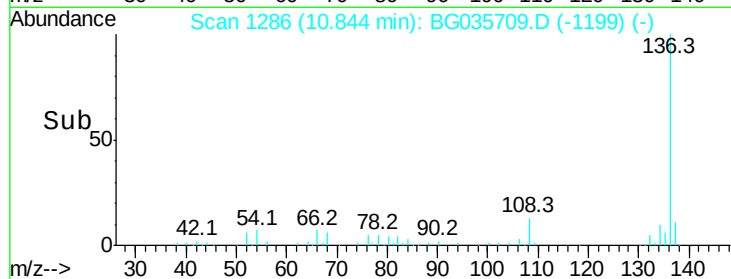
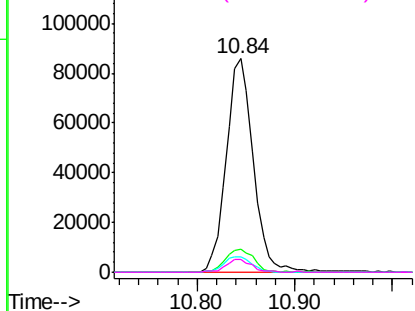
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BG035709.D
Acq: 18 Jul 2018 9:04

Instrument :
BNA_G
ClientSampleId :
071218-TIPC-F-U-B

Tot Ion:	136	Resp:	165225
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	7.3	10.3	15.5
68	5.8	4.5	6.7

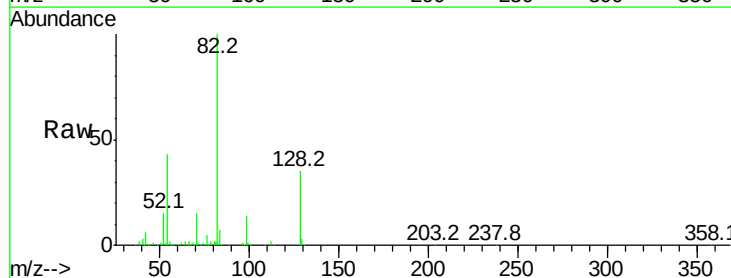


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

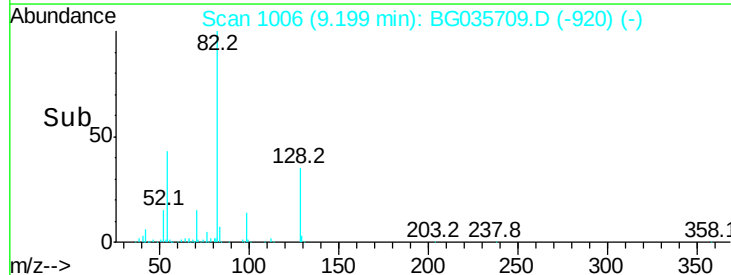
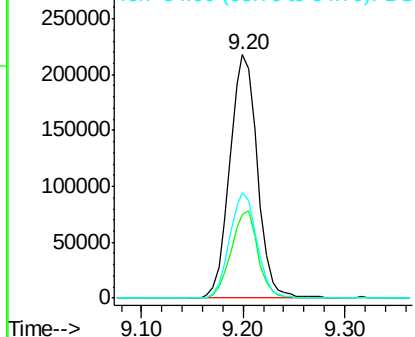


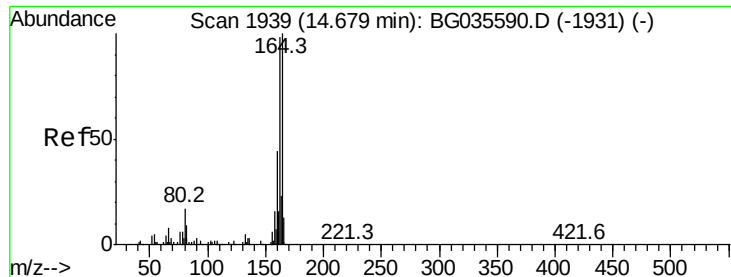
#23
Nitrobenzene-d5
Concen: 103.745 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BG035709.D
Acq: 18 Jul 2018 9:04

Tgt Ion:	82	Resp:	410327
Ion	Ratio	Lower	Upper
82	100		
128	34.5	29.7	44.5
54	43.2	43.1	64.7



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1936

Delta R.T. -0.02 min

Lab File: BG035709.D

Acq: 18 Jul 2018 9:04

Instrument :

BNA_G

ClientSampleId :

071218-TIPC-F-U-B

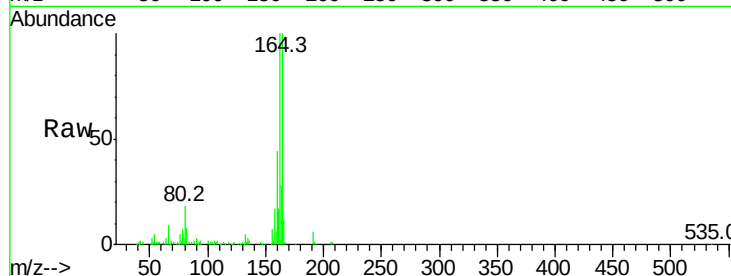
Tot Ion:164 Resp: 110429

Ion Ratio Lower Upper

164 100

162 100.3 78.8 118.2

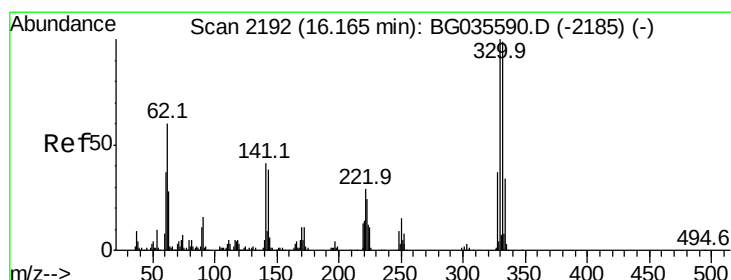
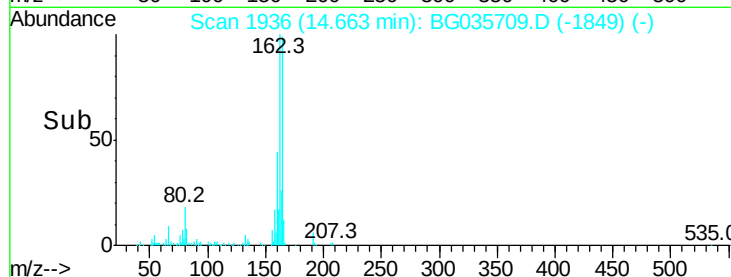
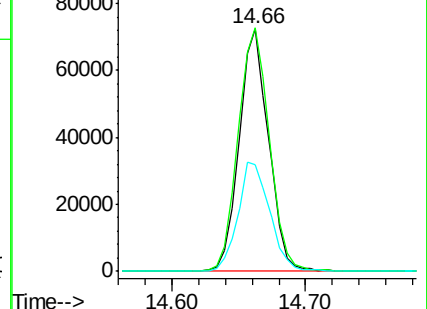
160 44.1 35.4 53.0



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



#41

2,4,6-Tribromophenol

Concen: 108.918 ng

RT: 16.15 min Scan# 2189

Delta R.T. -0.02 min

Lab File: BG035709.D

Acq: 18 Jul 2018 9:04

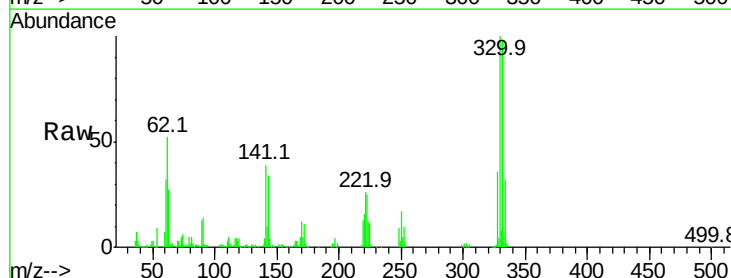
Tgt Ion:330 Resp: 158533

Ion Ratio Lower Upper

330 100

332 98.5 77.0 115.6

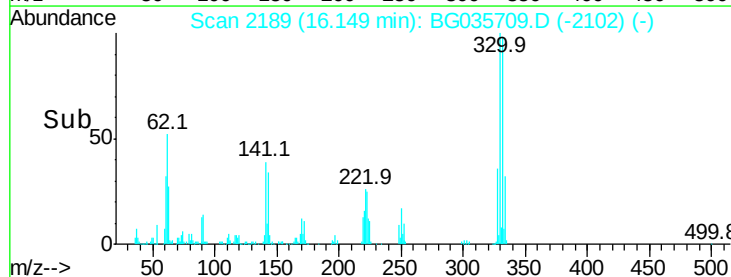
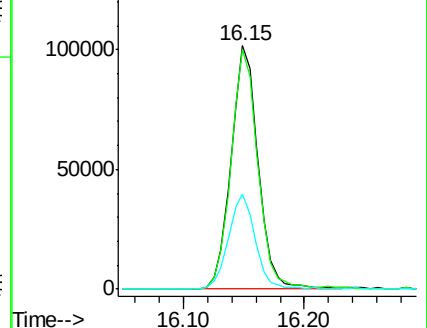
141 38.6 25.2 37.8#

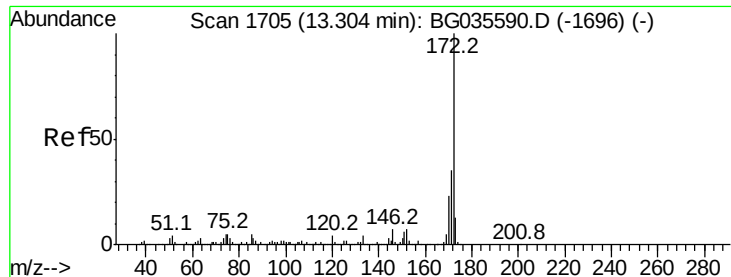


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

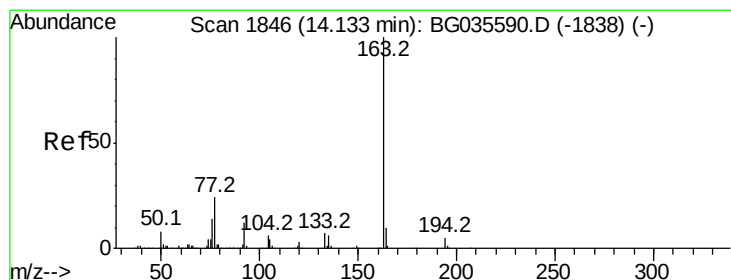
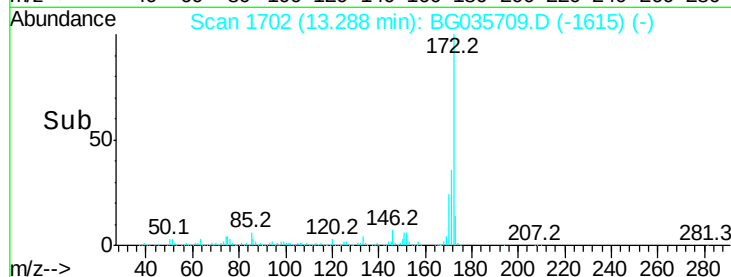
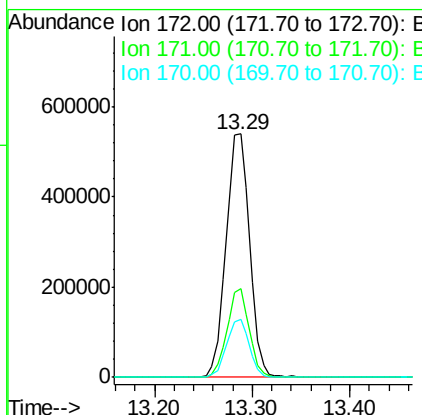
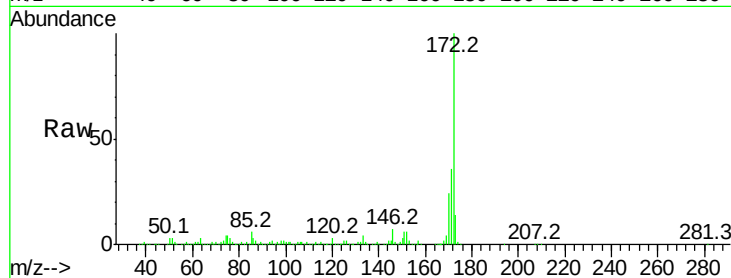




#44
2-Fluorobiphenyl
Concen: 109.707 ng
RT: 13.29 min Scan# 1702
Delta R.T. -0.02 min
Lab File: BG035709.D
Acq: 18 Jul 2018 9:04

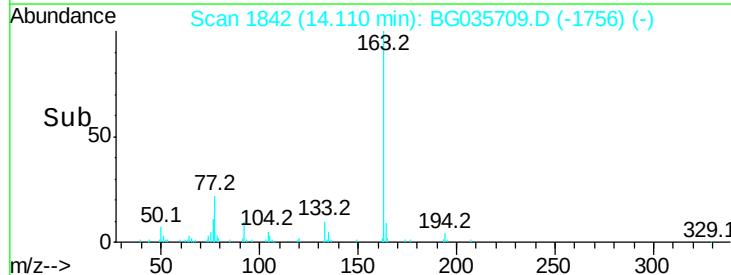
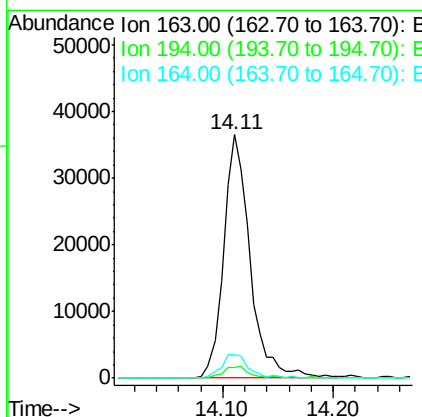
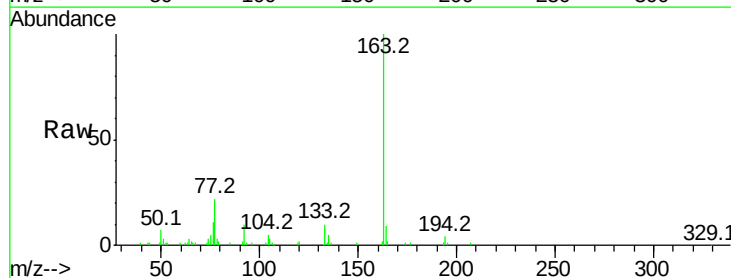
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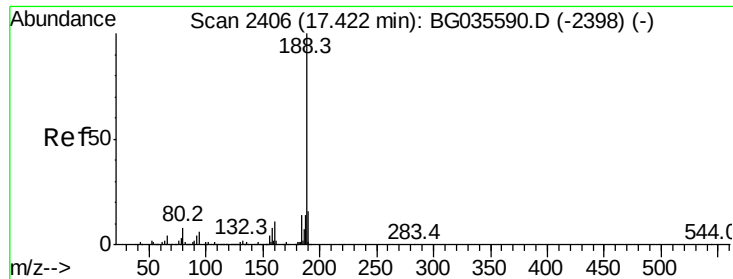
Tot Ion:172 Resp: 904264
Ion Ratio Lower Upper
172 100
171 36.5 30.0 45.0
170 23.9 19.5 29.3



#49
Dimethylphthalate
Concen: 6.334 ng
RT: 14.11 min Scan# 1842
Delta R.T. -0.02 min
Lab File: BG035709.D
Acq: 18 Jul 2018 9:04

Tgt Ion:163 Resp: 61287
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 9.5 8.2 12.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2403

Delta R.T. -0.02 min

Lab File: BG035709.D

Acq: 18 Jul 2018 9:04

Instrument :

BNA_G

ClientSampleId :

071218-TIPC-F-U-B

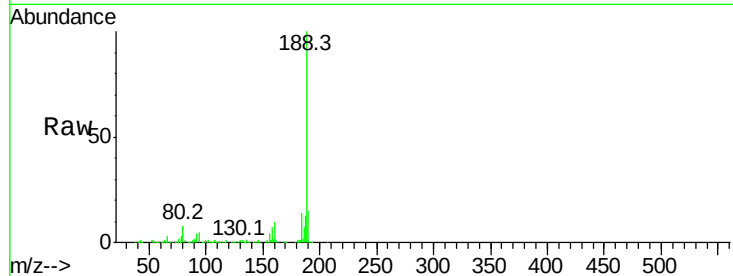
Tot Ion:188 Resp: 308177

Ion Ratio Lower Upper

188 100

94 5.5 6.9 10.3#

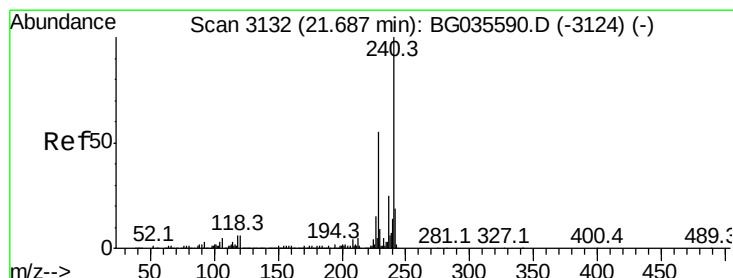
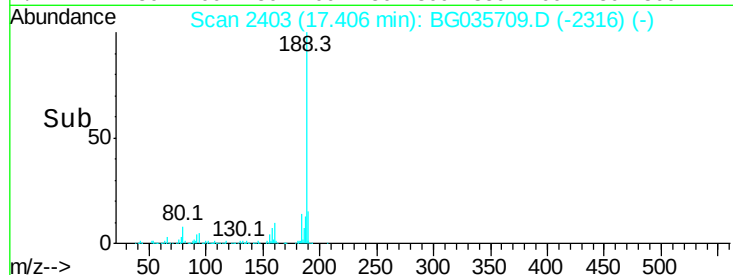
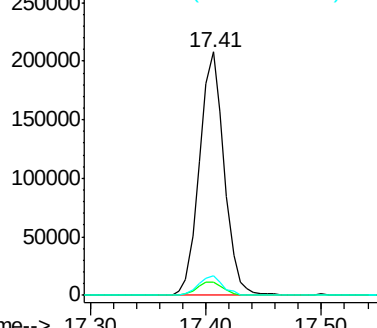
80 8.1 7.7 11.5



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3129

Delta R.T. -0.02 min

Lab File: BG035709.D

Acq: 18 Jul 2018 9:04

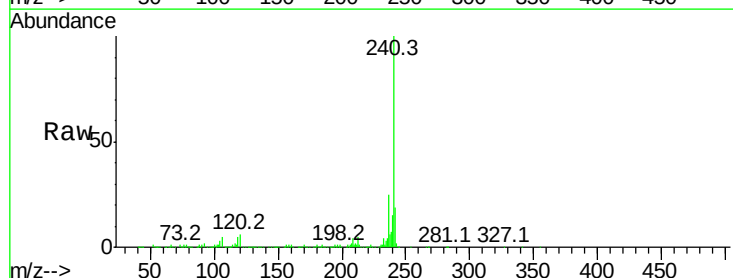
Tgt Ion:240 Resp: 385739

Ion Ratio Lower Upper

240 100

120 5.8 6.8 10.2#

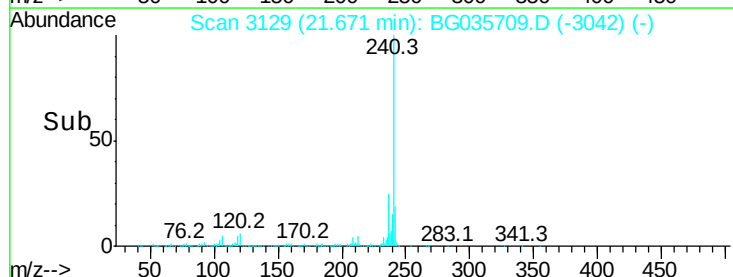
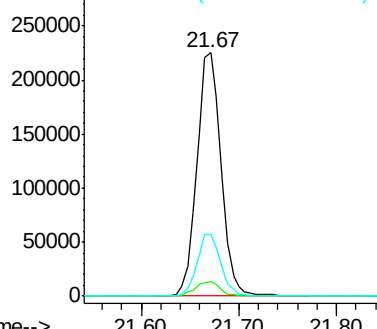
236 25.2 20.9 31.3

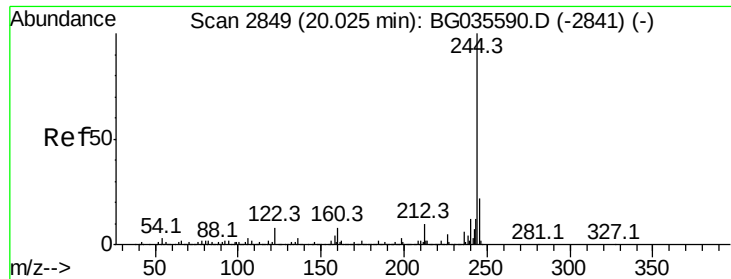


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 91.259 ng

RT: 20.01 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG035709.D

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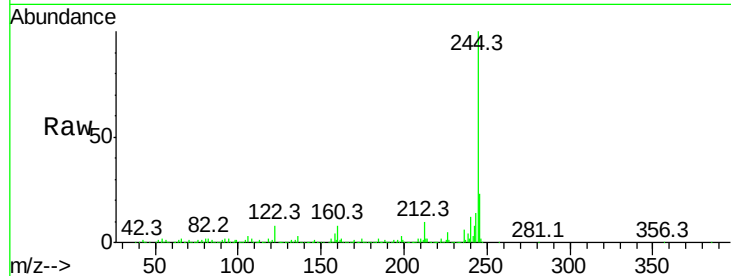
Tot Ion:244 Resp: 1596979

Ion Ratio Lower Upper

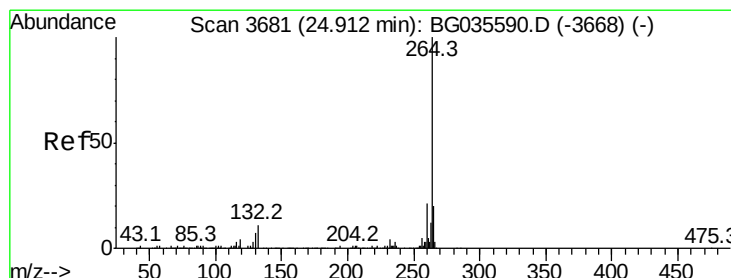
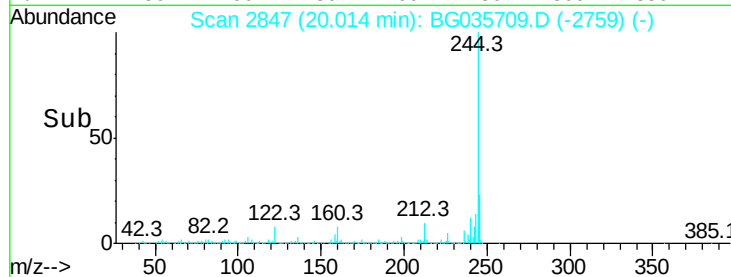
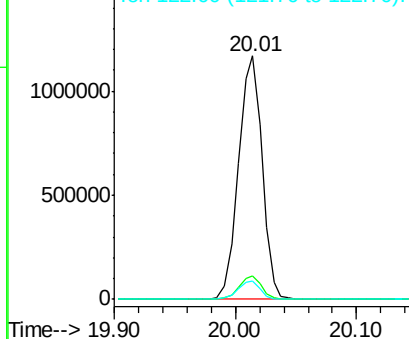
244 100

212 9.7 5.8 8.8#

122 7.6 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

Perylene-d12

Concen: 20.000 ng

RT: 24.88 min Scan# 3675

Delta R.T. -0.03 min

Lab File: BG035709.D

Acq: 18 Jul 2018 9:04

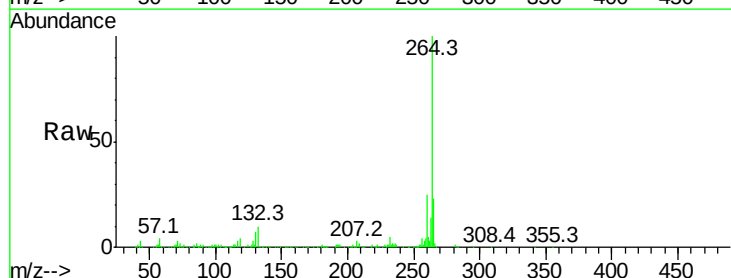
Tgt Ion:264 Resp: 368142

Ion Ratio Lower Upper

264 100

260 24.5 17.4 26.0

265 22.5 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

