

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062218\
 Data File : BG035355.D
 Acq On : 23 Jun 2018 6:28
 Operator : JU/SJ
 Sample : J3587-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 061818-DBRI-E-U-B

Quant Time: Jun 25 06:45:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

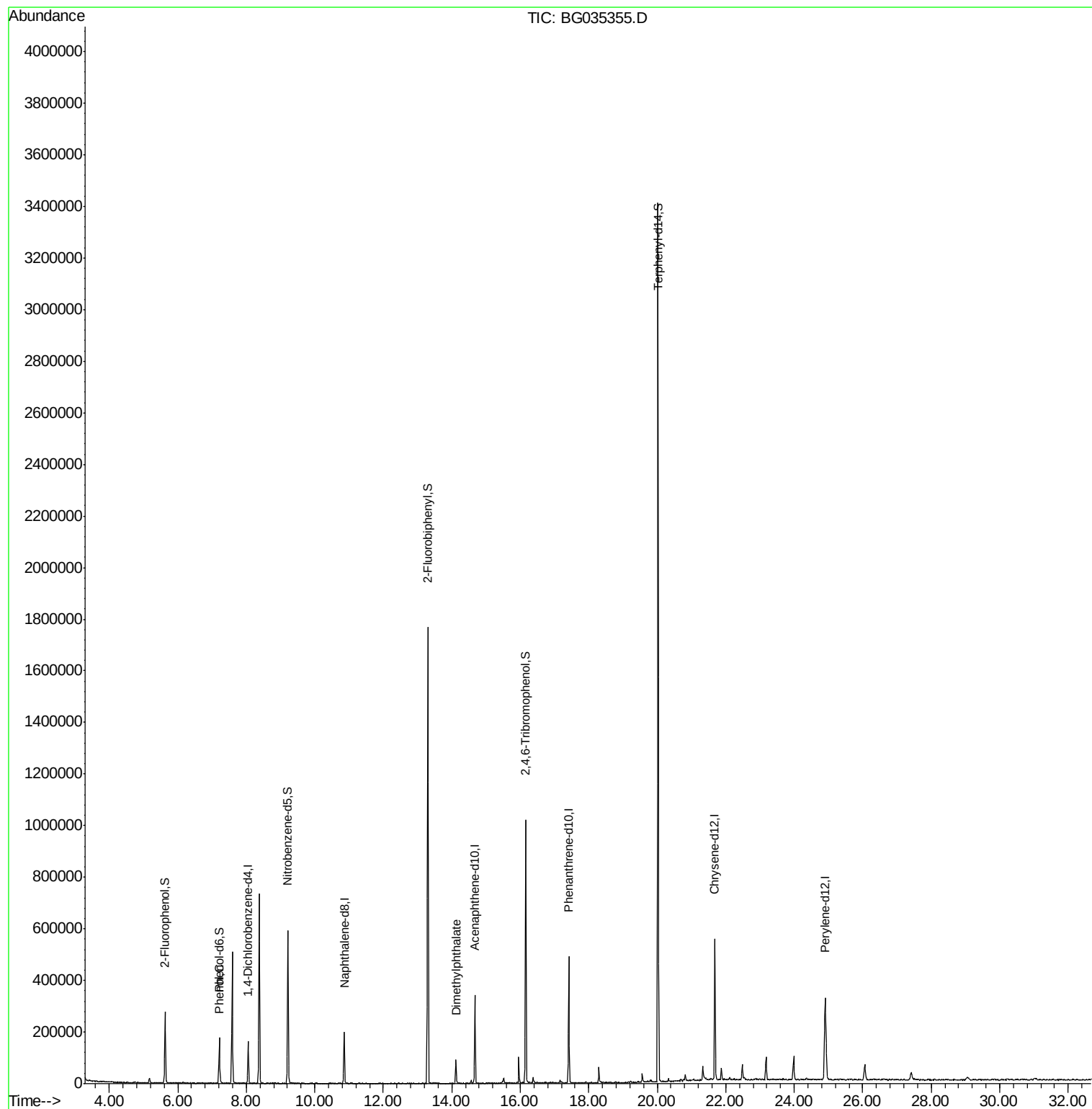
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	47851	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	169498	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	114046	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	315407	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	345987	20.00	ng	-0.04
86) Perylene-d12	24.90	264	338981	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	124584	43.94	ng	-0.01
7) Phenol-d6	7.21	99	110528	26.41	ng	-0.01
23) Nitrobenzene-d5	9.21	82	409789	114.92	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	181053	124.01	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	966112	110.13	ng	-0.03
78) Terphenyl-d14	20.02	244	1609260	97.43	ng	-0.02
Target Compounds						
10) Phenol	7.23	94	11540	2.665	ng	87
49) Dimethylphthalate	14.12	163	60504	6.084	ng	# 95

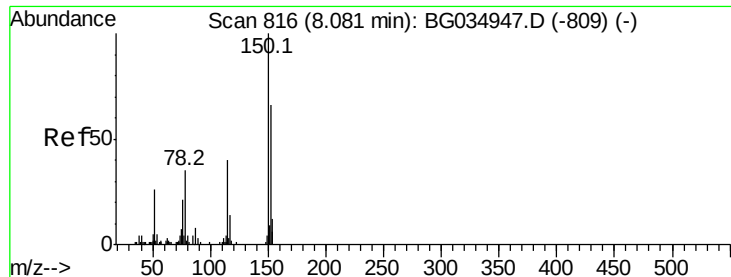
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 811

Delta R.T. -0.02 min

Lab File: BG035355.D

Acq: 23 Jun 2018 6:28

Instrument :

BNA_G

ClientSampleId :

061818-DBRI-E-U-B

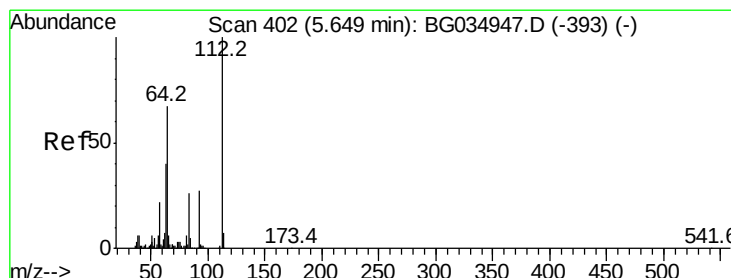
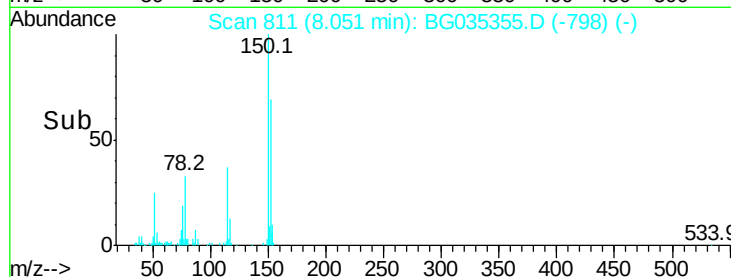
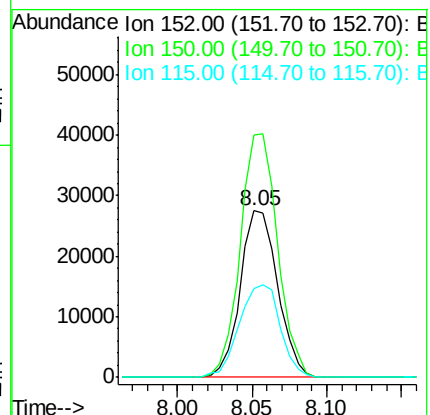
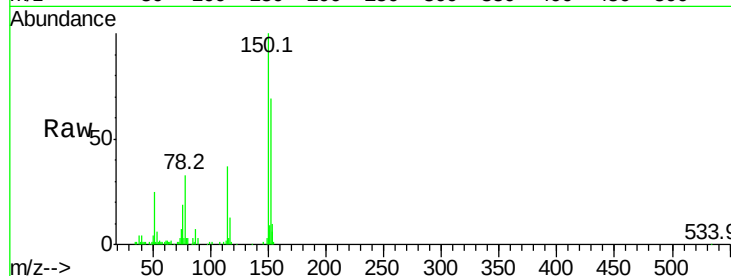
Tot Ion:152 Resp: 47851

Ion Ratio Lower Upper

152 100

150 146.0 126.6 189.8

115 53.7 53.0 79.4



#5

2-Fluorophenol

Concen: 43.938 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.01 min

Lab File: BG035355.D

Acq: 23 Jun 2018 6:28

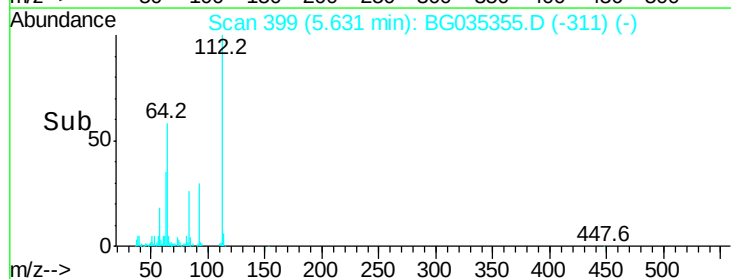
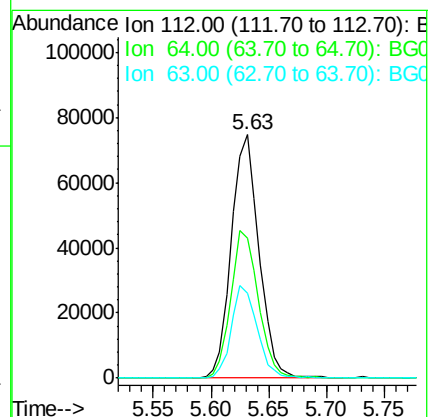
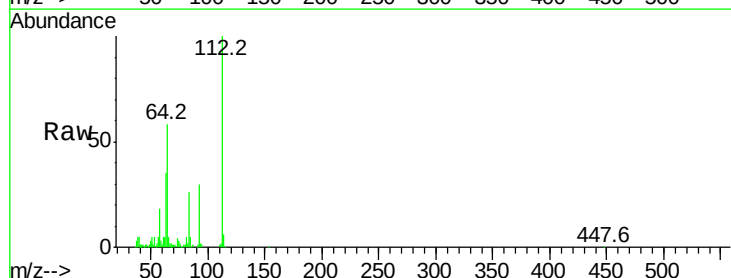
Tgt Ion:112 Resp: 124584

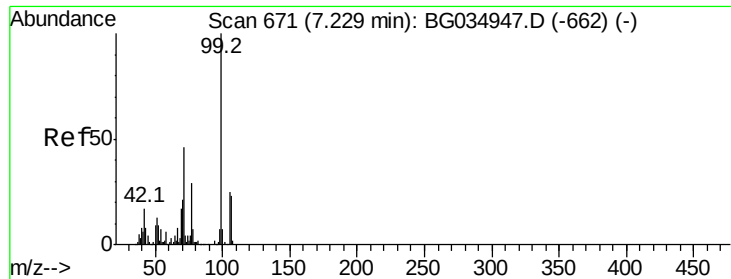
Ion Ratio Lower Upper

112 100

64 57.5 56.3 84.5

63 34.7 30.1 45.1





#7

Phenol-d6

Concen: 26.411 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035355.D

Acq: 23 Jun 2018 6:28

Instrument :

BNA_G

ClientSampleId :

061818-DBRI-E-U-B

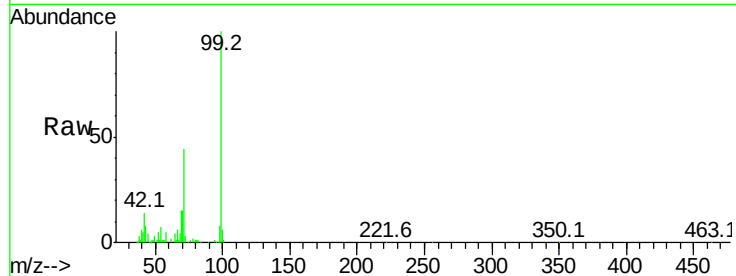
Tot Ion: 99 Resp: 110528

Ion Ratio Lower Upper

99 100

42 13.8 14.1 21.1#

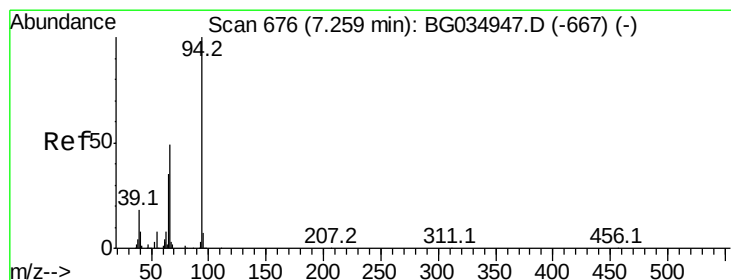
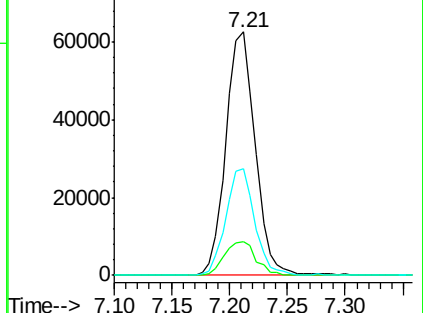
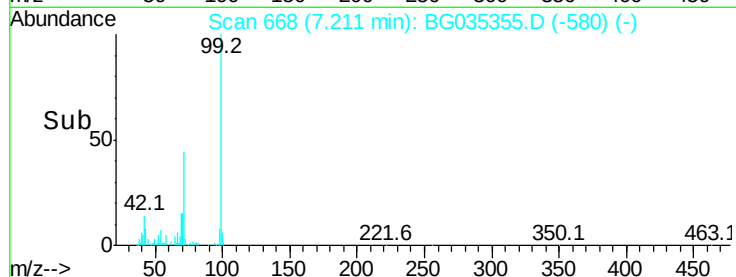
71 43.7 26.1 39.1#



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: 2.665 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.02 min

Lab File: BG035355.D

Acq: 23 Jun 2018 6:28

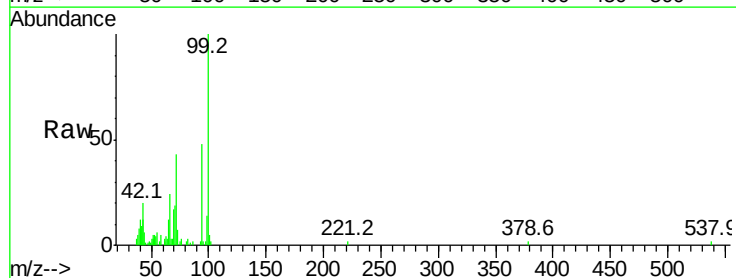
Tgt Ion: 94 Resp: 11540

Ion Ratio Lower Upper

94 100

65 24.4 11.9 51.9

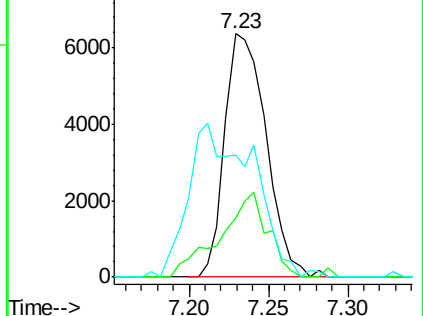
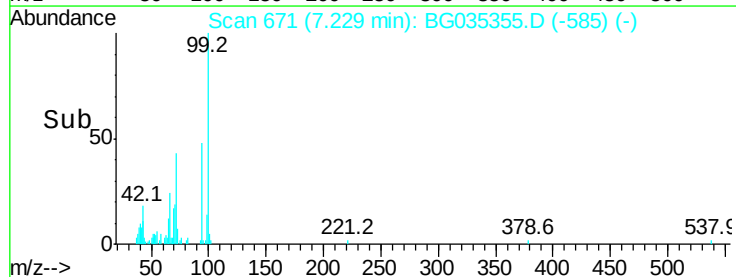
66 50.2 22.2 62.2

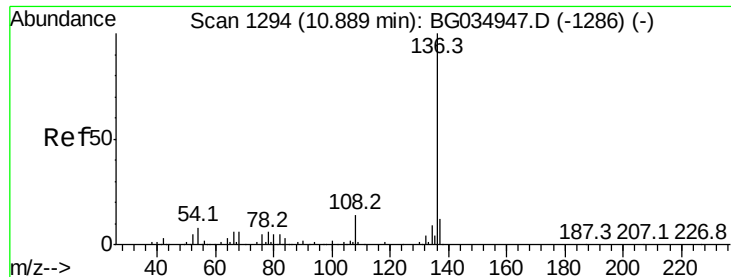


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

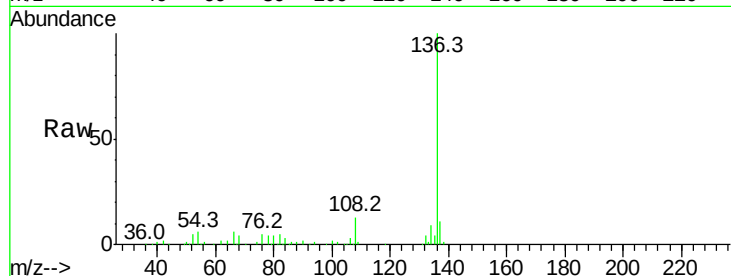




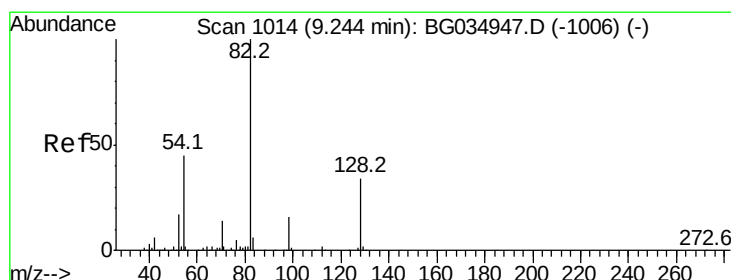
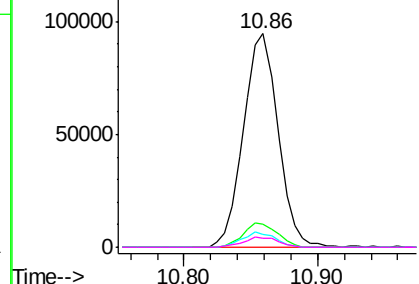
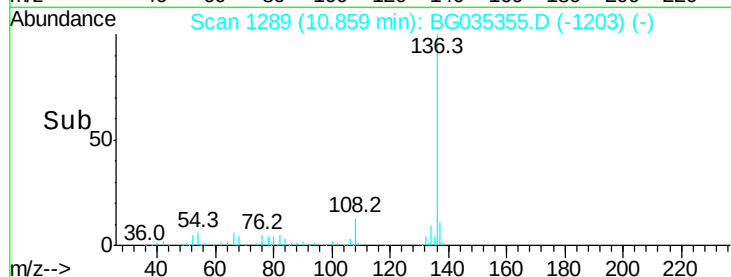
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BG035355.D
Acq: 23 Jun 2018 6:28

Instrument :
BNA_G
ClientSampleId :
061818-DBRI-E-U-B

Tot Ion:	136	Resp:	169498
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	6.1	10.3	15.5#
68	4.2	4.5	6.7#

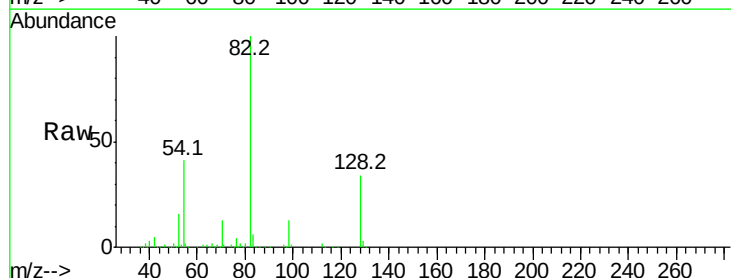


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

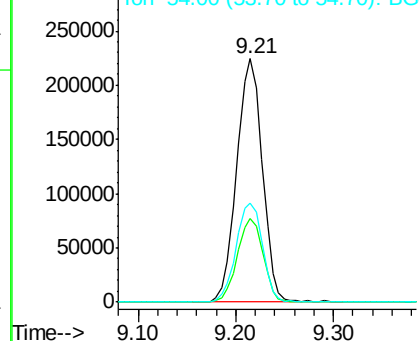
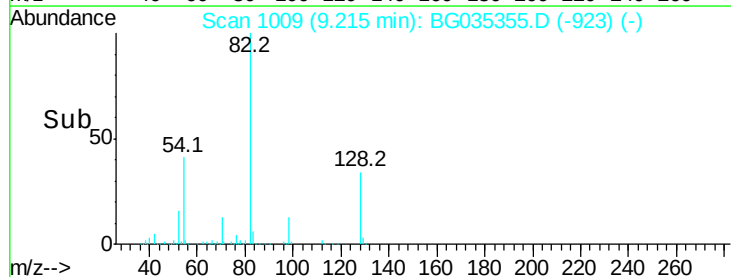


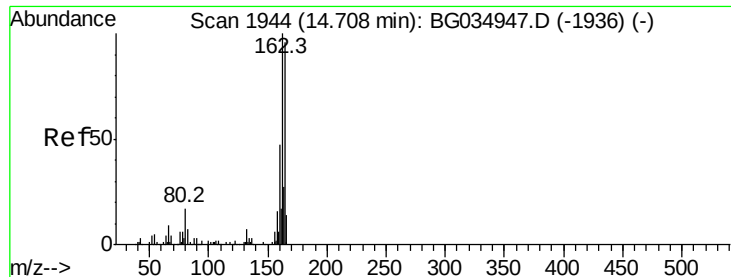
#23
Nitrobenzene-d5
Concen: 114.922 ng
RT: 9.21 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BG035355.D
Acq: 23 Jun 2018 6:28

Tgt Ion:	82	Resp:	409789
Ion	Ratio	Lower	Upper
82	100		
128	34.2	29.7	44.5
54	40.8	43.1	64.7#



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BG035355.D

Acq: 23 Jun 2018 6:28

Instrument :

BNA_G

ClientSampleId :

061818-DBRI-E-U-B

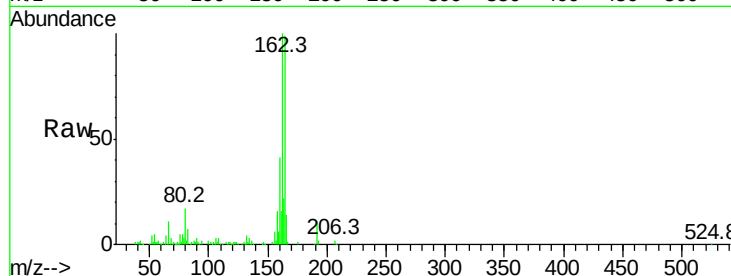
Tot Ion:164 Resp: 114046

Ion Ratio Lower Upper

164 100

162 101.0 78.8 118.2

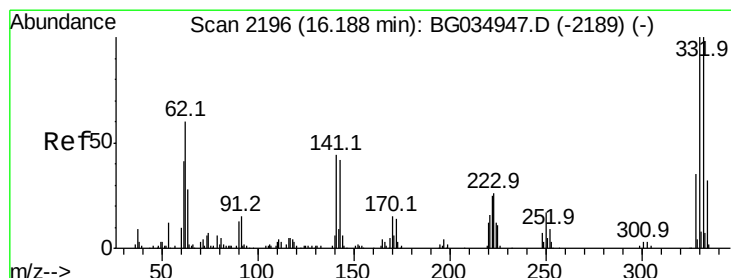
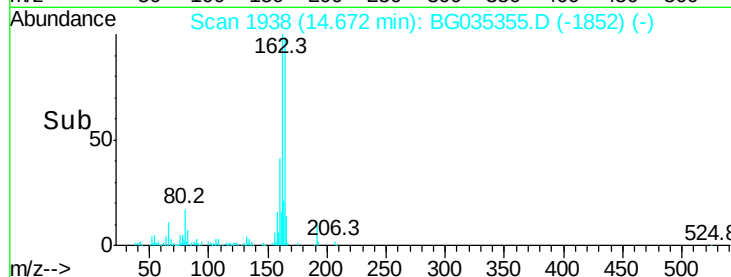
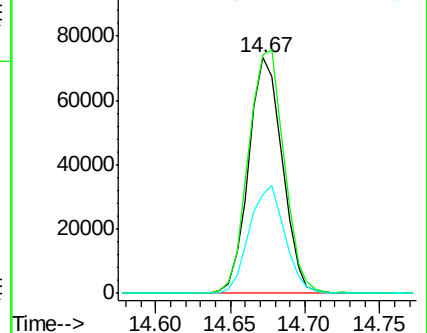
160 41.9 35.4 53.0



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: 124.015 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.02 min

Lab File: BG035355.D

Acq: 23 Jun 2018 6:28

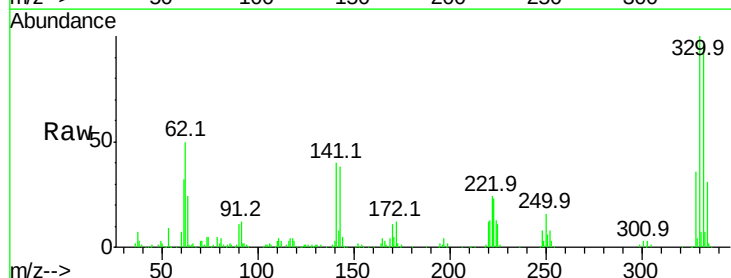
Tgt Ion:330 Resp: 181053

Ion Ratio Lower Upper

330 100

332 94.7 77.0 115.6

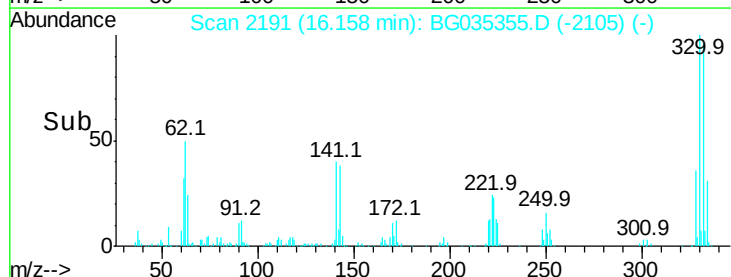
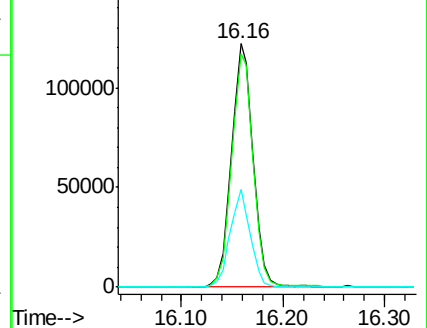
141 37.4 25.2 37.8

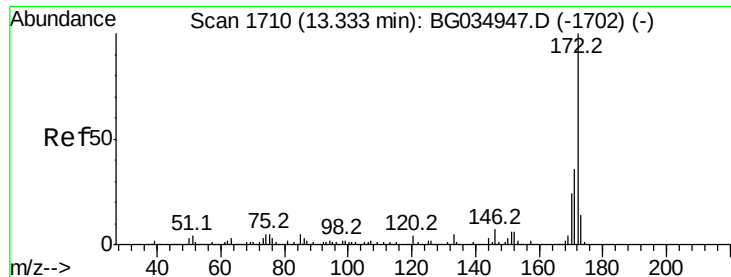


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

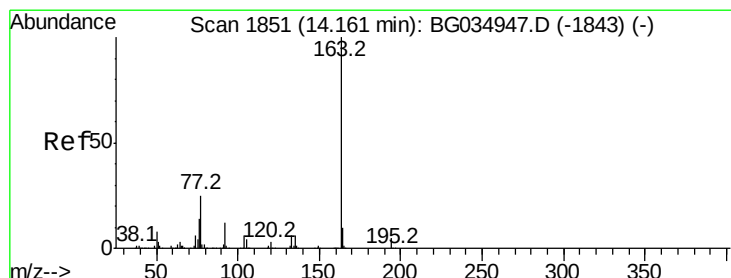
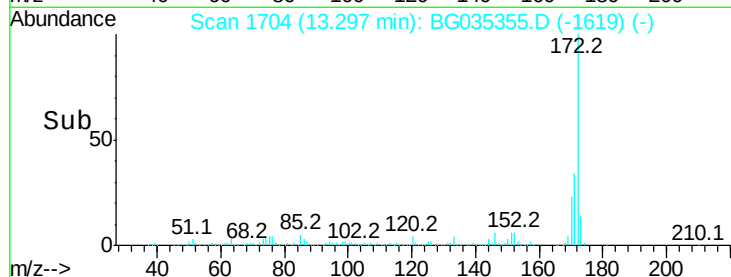
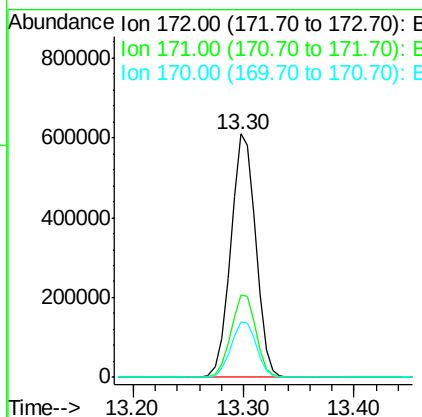
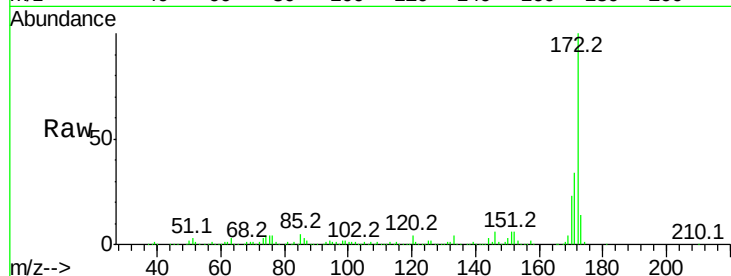




#44
2-Fluorobiphenyl
Concen: 110.126 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.03 min
Lab File: BG035355.D
Acq: 23 Jun 2018 6:28

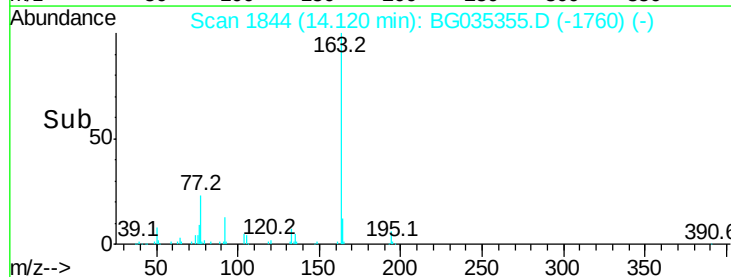
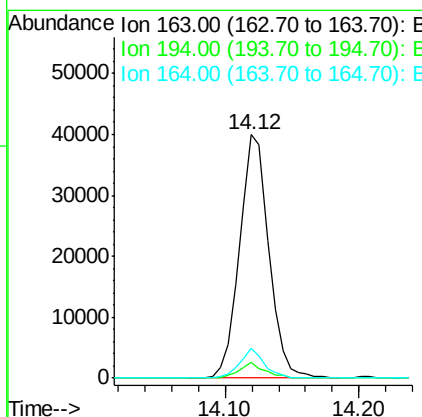
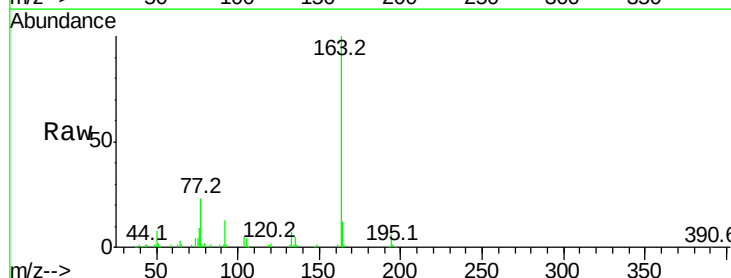
Instrument :
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061818-DBRI-E-U-B

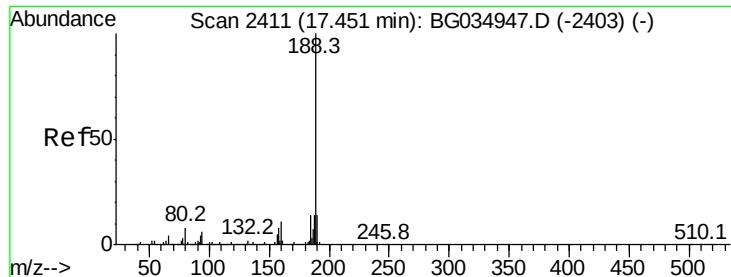
Tot Ion:172 Resp: 966112
Ion Ratio Lower Upper
172 100
171 33.7 30.0 45.0
170 22.8 19.5 29.3



#49
Dimethylphthalate
Concen: 6.084 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.04 min
Lab File: BG035355.D
Acq: 23 Jun 2018 6:28

Tgt Ion:163 Resp: 60504
Ion Ratio Lower Upper
163 100
194 6.3 3.4 5.2#
164 12.2 8.2 12.4

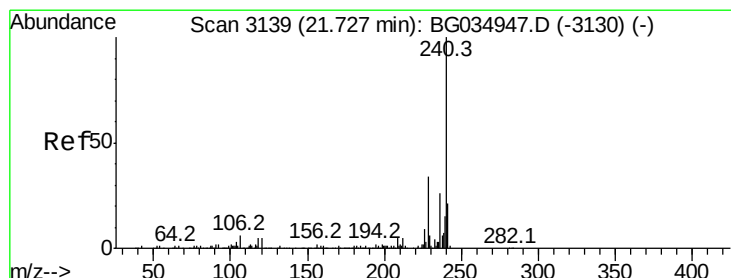
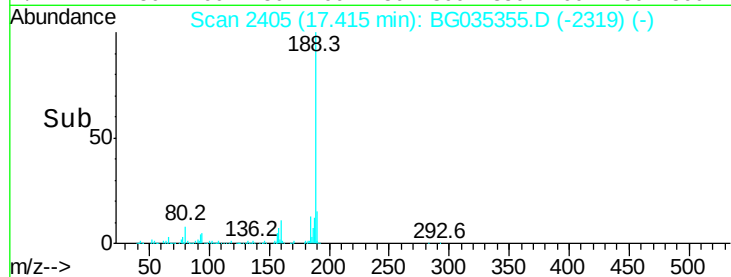
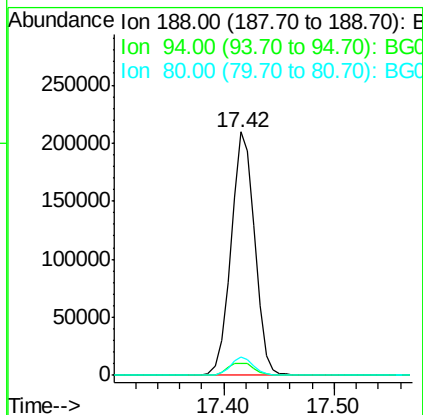
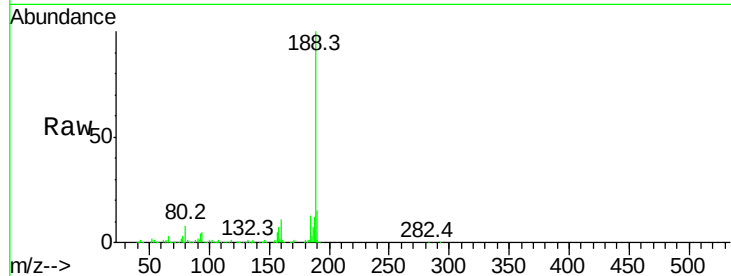




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.02 min
Lab File: BG035355.D
Acq: 23 Jun 2018 6:28

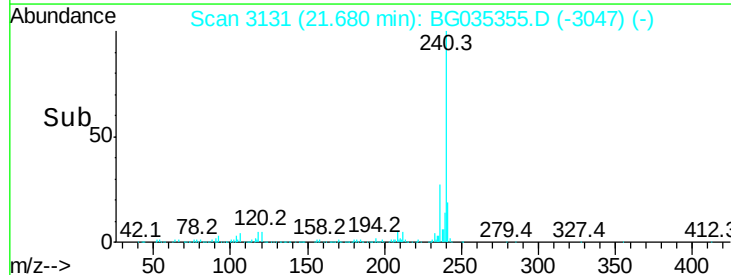
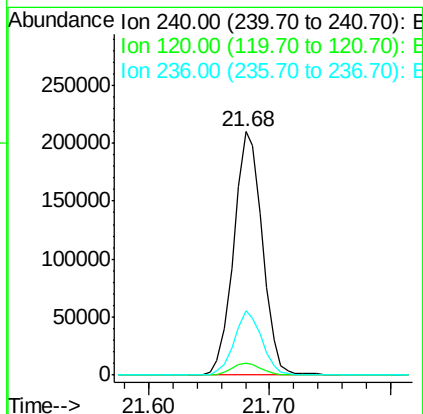
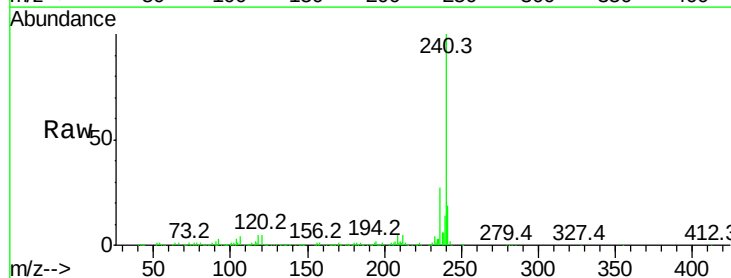
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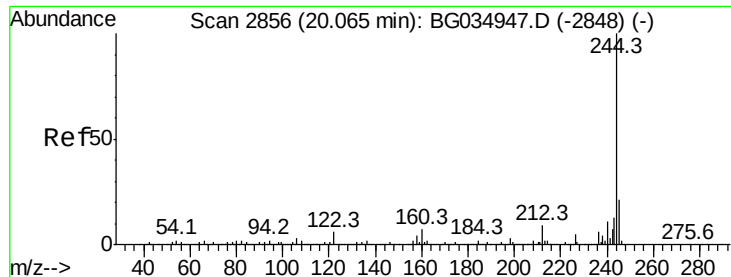
Tot Ion:188 Resp: 315407
Ion Ratio Lower Upper
188 100
94 5.0 6.9 10.3#
80 7.8 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.04 min
Lab File: BG035355.D
Acq: 23 Jun 2018 6:28

Tgt Ion:240 Resp: 345987
Ion Ratio Lower Upper
240 100
120 5.0 6.8 10.2#
236 26.7 20.9 31.3





#78

Terphenyl-d14

Concen: 97.428 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035355.D

Acq: 23 Jun 2018 6:28

Instrument :

BNA_G

ClientSampleId :

061818-DBRI-E-U-B

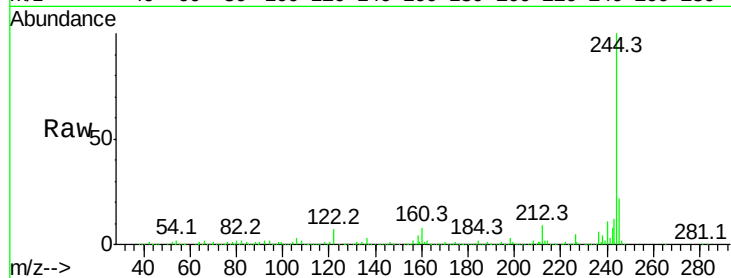
Tot Ion:244 Resp: 1609260

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

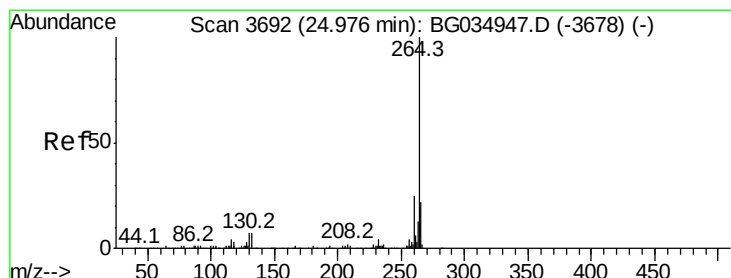
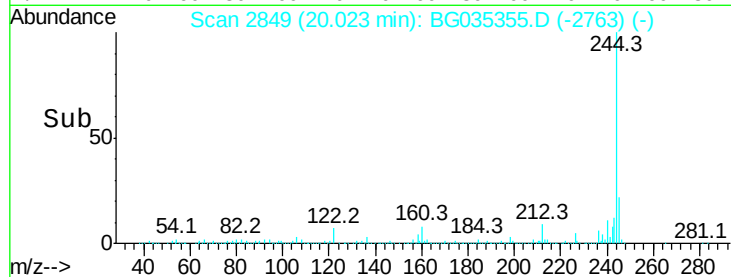
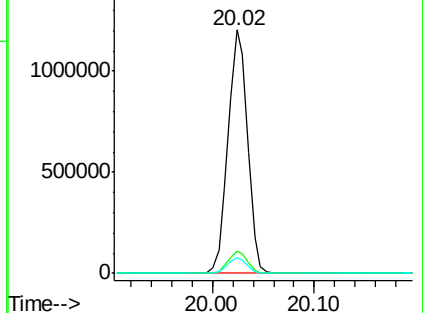
122 6.5 7.0 10.4#



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: 24.90 min Scan# 3679

Delta R.T. -0.05 min

Lab File: BG035355.D

Acq: 23 Jun 2018 6:28

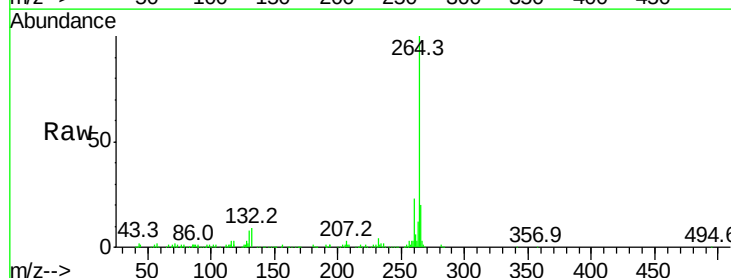
Tgt Ion:264 Resp: 338981

Ion Ratio Lower Upper

264 100

260 22.9 17.4 26.0

265 19.7 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

