

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062618\
 Data File : BG035436.D
 Acq On : 27 Jun 2018 8:32
 Operator : JU/SJ
 Sample : J3629-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A0C2-02

Quant Time: Jun 27 09:28:26 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

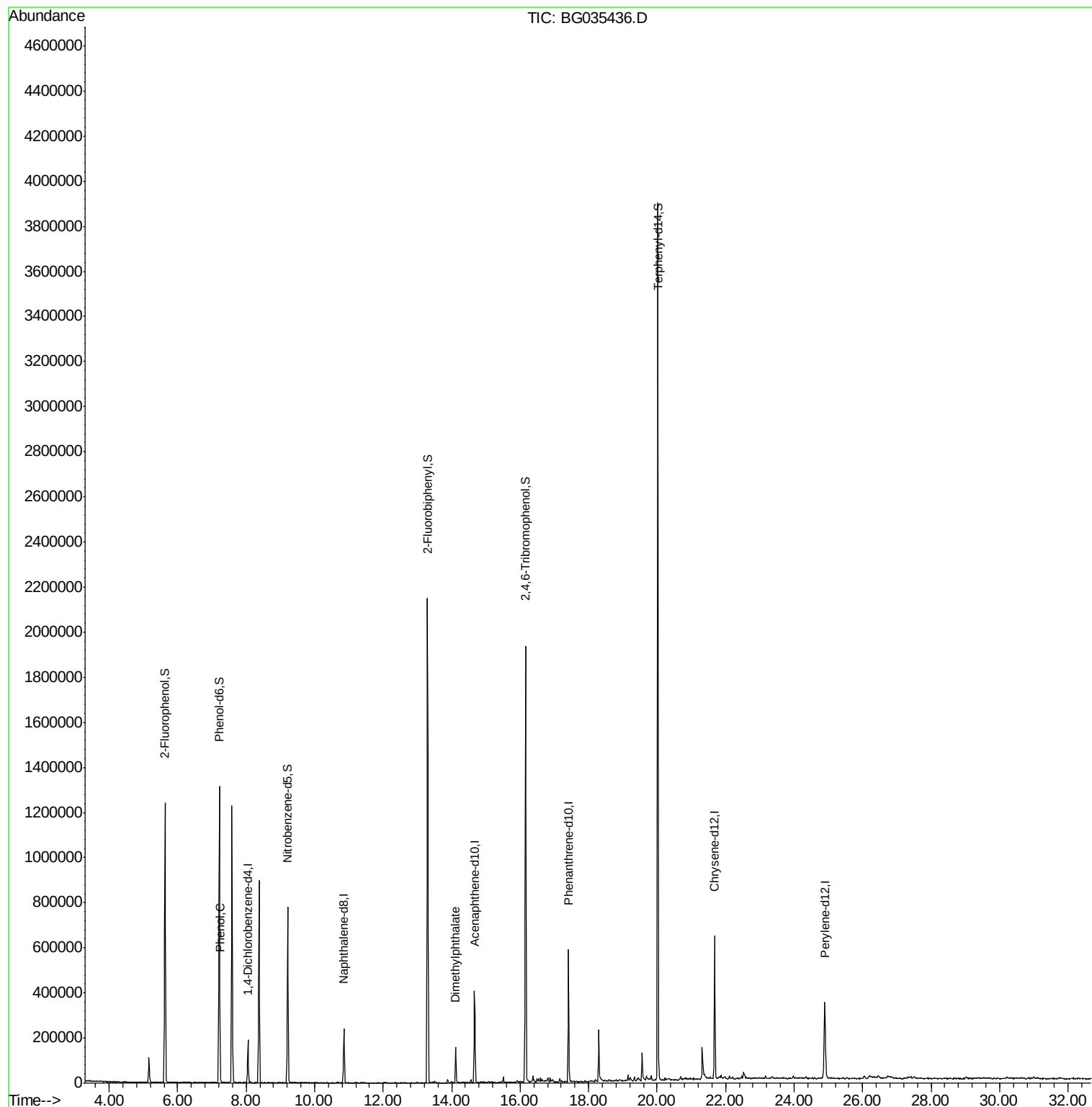
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	54716	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	204258	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	146014	20.00	ng	-0.03
63) Phenanthrene-d10	17.41	188	380565	20.00	ng	-0.03
75) Chrysene-d12	21.68	240	402706	20.00	ng	-0.04
86) Perylene-d12	24.90	264	397494	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	539554	166.41	ng	-0.02
7) Phenol-d6	7.21	99	789047	164.89	ng	0.00
23) Nitrobenzene-d5	9.21	82	511408	119.01	ng	-0.03
41) 2,4,6-Tribromophenol	16.16	330	365203	195.38	ng	-0.02
44) 2-Fluorobiphenyl	13.29	172	1172574	104.40	ng	-0.03
78) Terphenyl-d14	20.02	244	1888140	98.21	ng	-0.03
Target Compounds						
10) Phenol	7.24	94	10467	2.114	ng	# 58
49) Dimethylphthalate	14.12	163	105532	8.288	ng	# 97

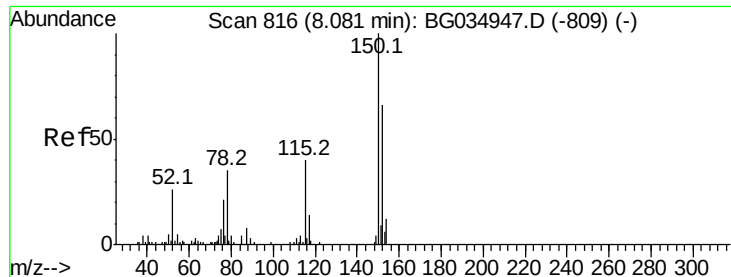
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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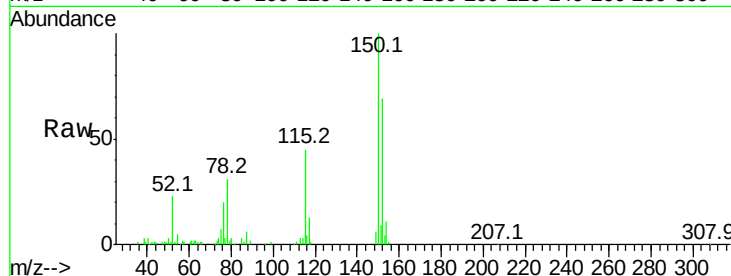


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035436.D
Acq: 27 Jun 2018 8:32

Instrument :
BNA_G
ClientSampleId :
A0C2-02

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.3	126.6	189.8
115	64.6	53.0	79.4

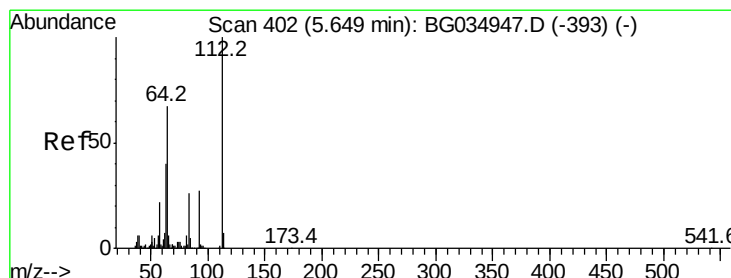
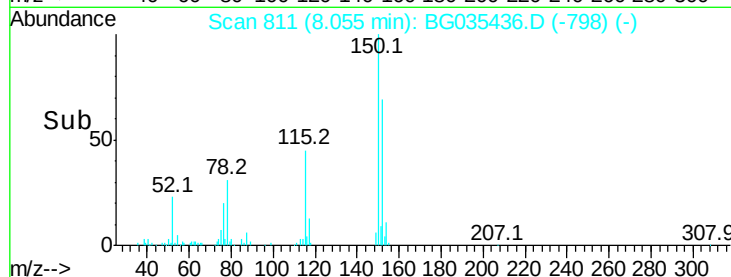
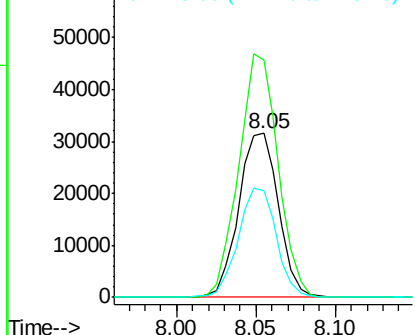


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

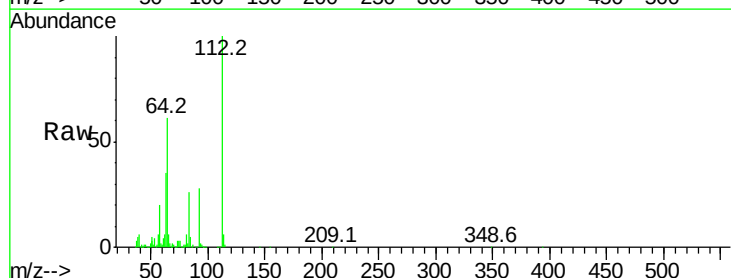
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 166.415 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.02 min
Lab File: BG035436.D
Acq: 27 Jun 2018 8:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.2	56.3	84.5
63	34.6	30.1	45.1

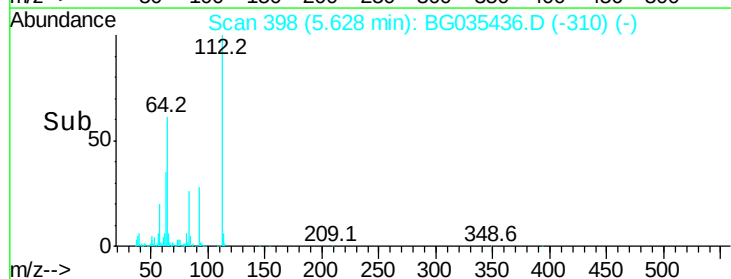
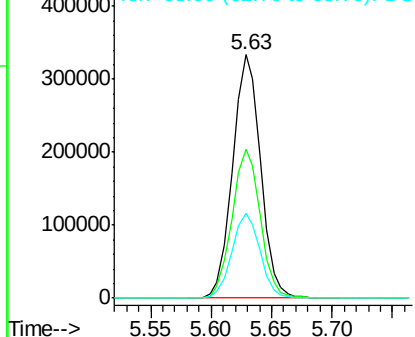


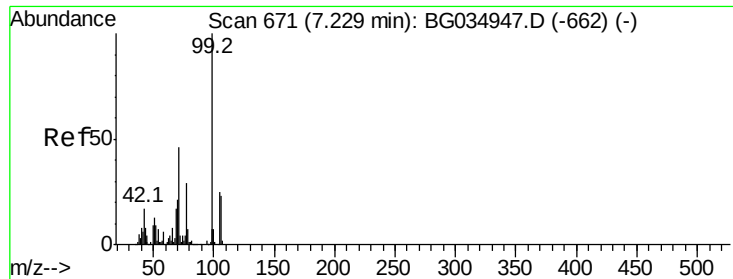
Abundance

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: 164.889 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035436.D

Acq: 27 Jun 2018 8:32

Instrument :

BNA_G

ClientSampleId :

A0C2-02

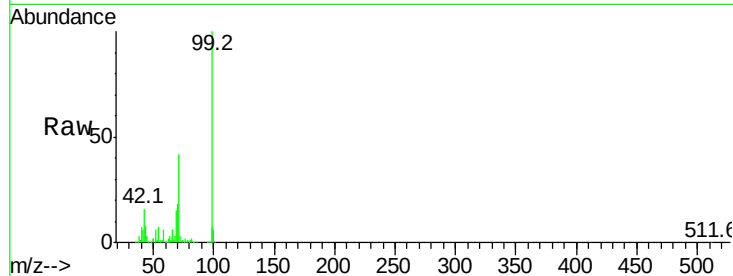
Tot Ion: 99 Resp: 789047

Ion Ratio Lower Upper

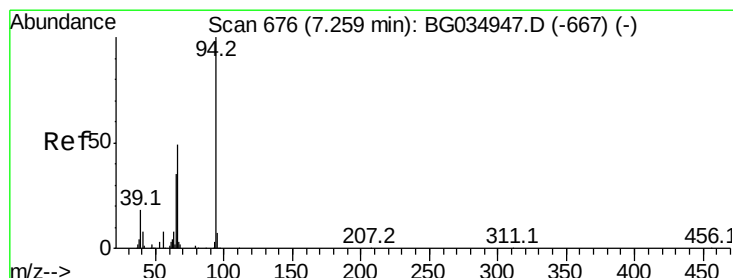
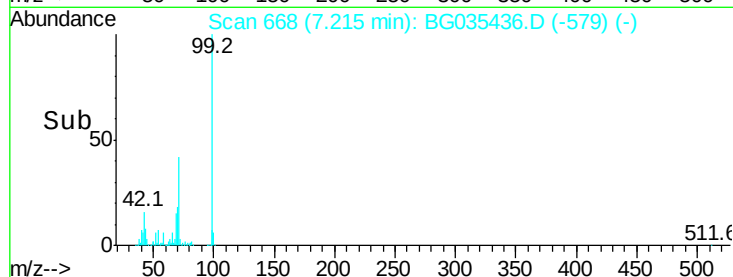
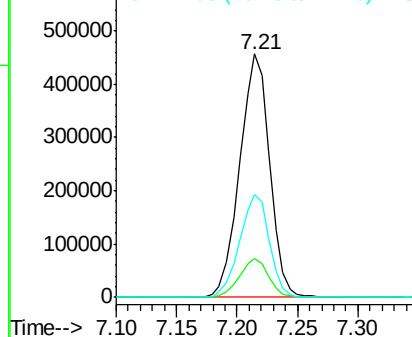
99 100

42 15.7 14.1 21.1

71 42.0 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: 2.114 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.02 min

Lab File: BG035436.D

Acq: 27 Jun 2018 8:32

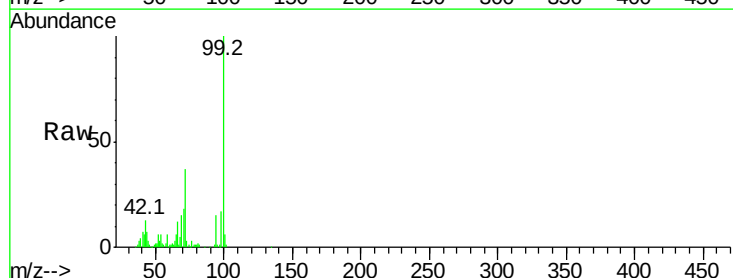
Tgt Ion: 94 Resp: 10467

Ion Ratio Lower Upper

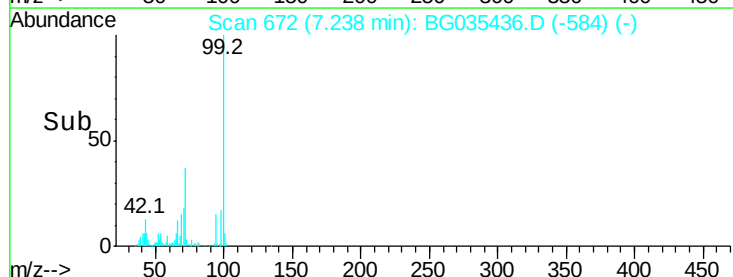
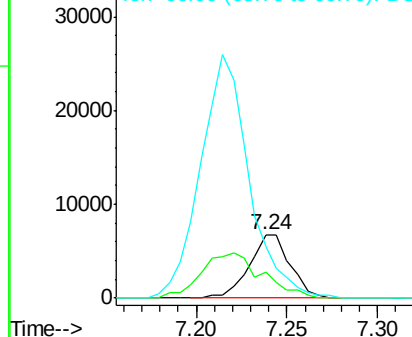
94 100

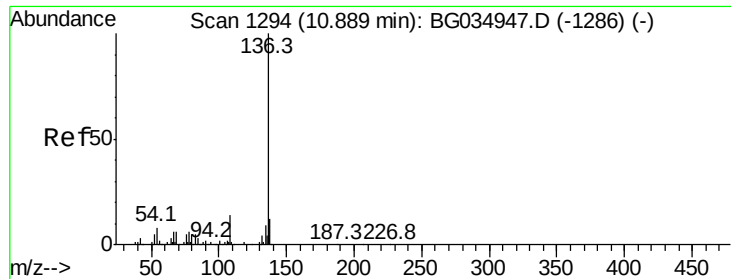
65 39.9 11.9 51.9

66 82.0 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: 10.85 min Scan# 1287

Delta R.T. -0.03 min

Lab File: BG035436.D

Acq: 27 Jun 2018 8:32

Instrument :

BNA_G

ClientSampleId :

A0C2-02

Tot Ion:136 Resp: 204258

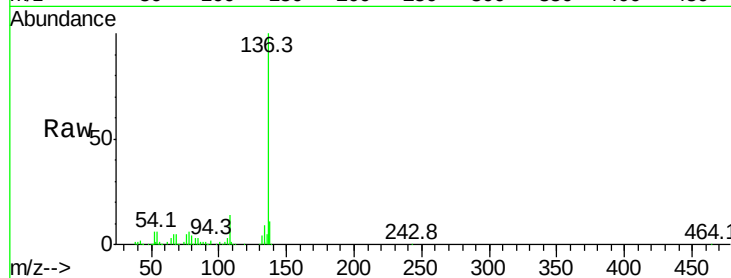
Ion Ratio Lower Upper

136 100

137 10.6 9.2 13.8

54 6.4 10.3 15.5#

68 4.9 4.5 6.7

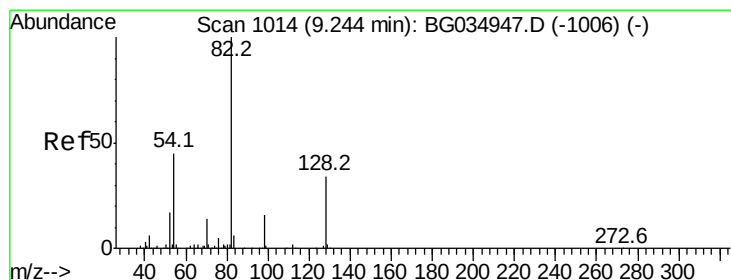
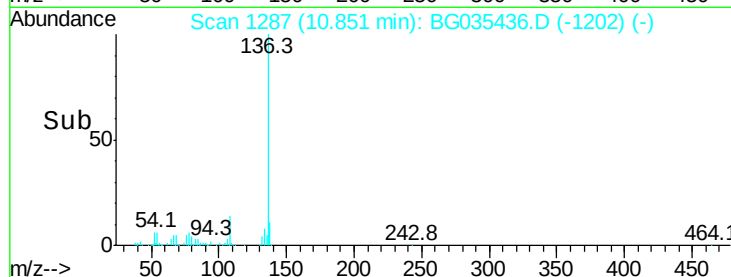
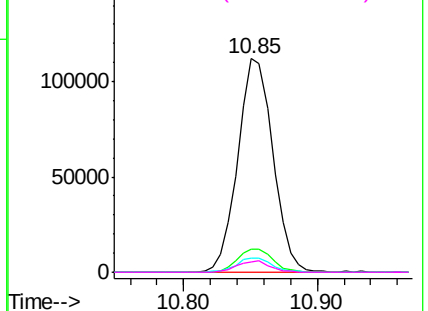


Abundance Ion 136.00 (135.70 to 136.70): E

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: 119.013 ng

RT: 9.21 min Scan# 1008

Delta R.T. -0.03 min

Lab File: BG035436.D

Acq: 27 Jun 2018 8:32

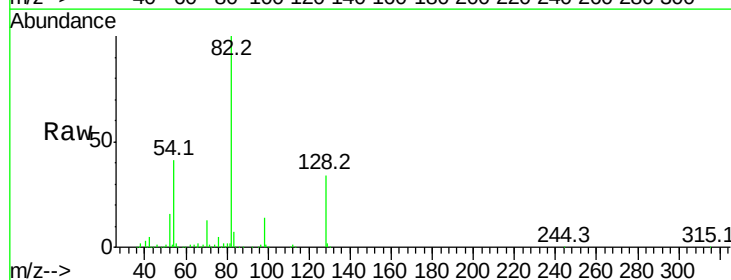
Tgt Ion: 82 Resp: 511408

Ion Ratio Lower Upper

82 100

128 34.3 29.7 44.5

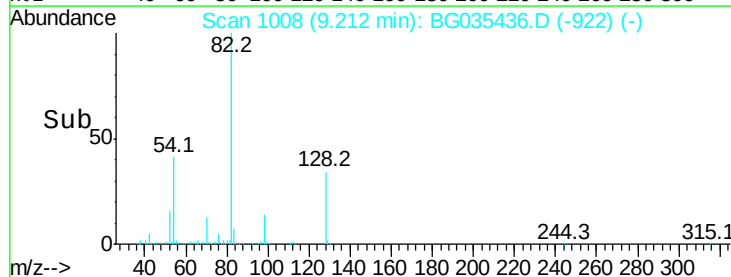
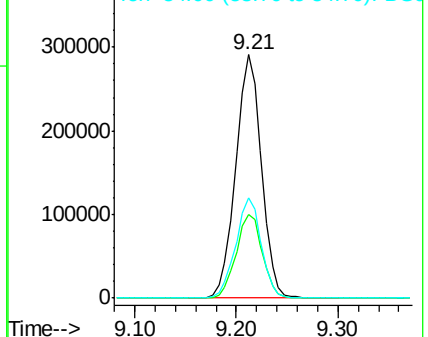
54 41.2 43.1 64.7#

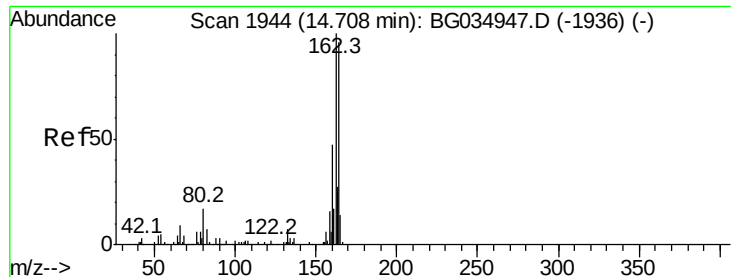


Abundance Ion 82.00 (81.70 to 82.70): BGC

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# 1937

Delta R.T. -0.03 min

Lab File: BG035436.D

Acq: 27 Jun 2018 8:32

Instrument :

BNA_G

ClientSampleId :

A0C2-02

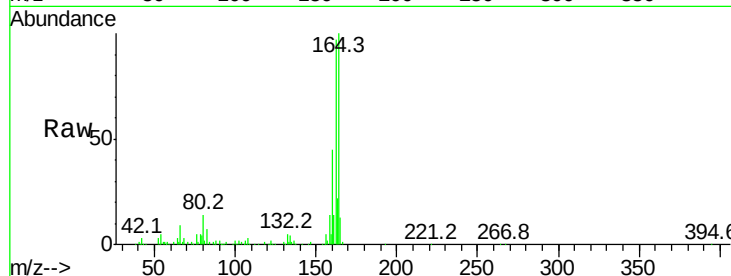
Tot Ion:164 Resp: 146014

Ion Ratio Lower Upper

164 100

162 97.3 78.8 118.2

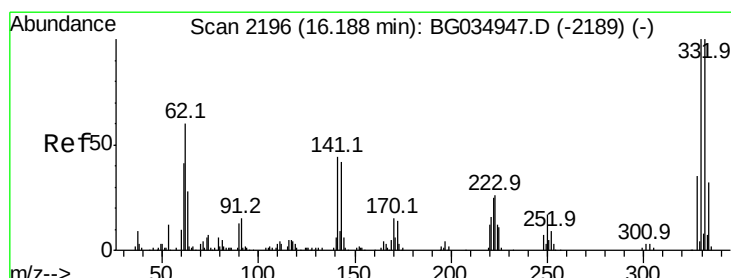
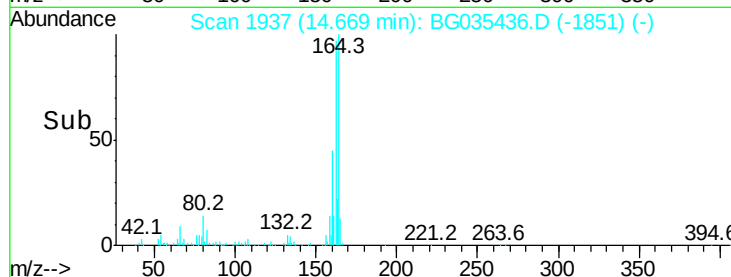
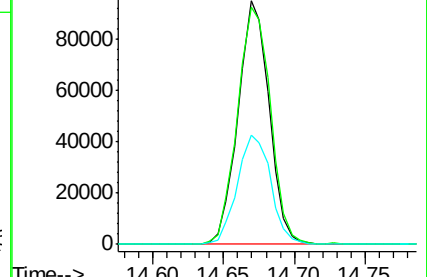
160 44.6 35.4 53.0



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: 195.383 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.02 min

Lab File: BG035436.D

Acq: 27 Jun 2018 8:32

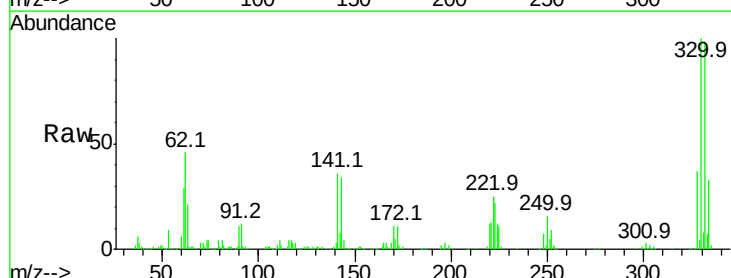
Tgt Ion:330 Resp: 365203

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.6

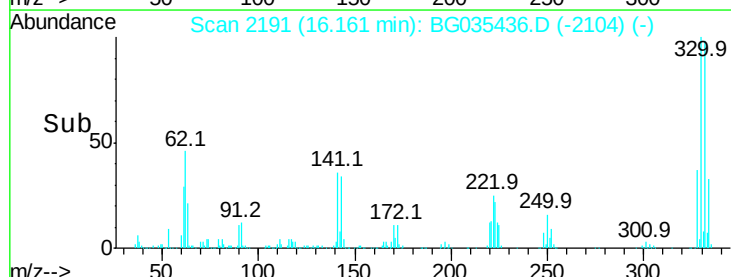
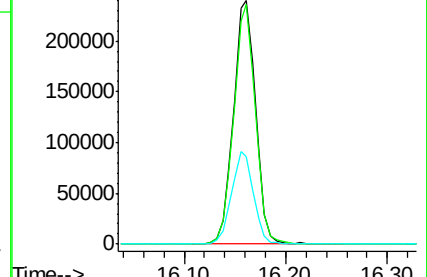
141 37.3 25.2 37.8

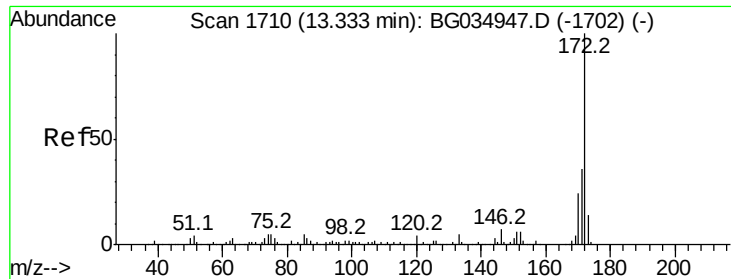


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

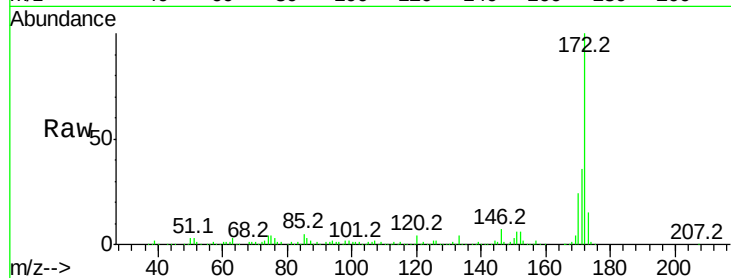




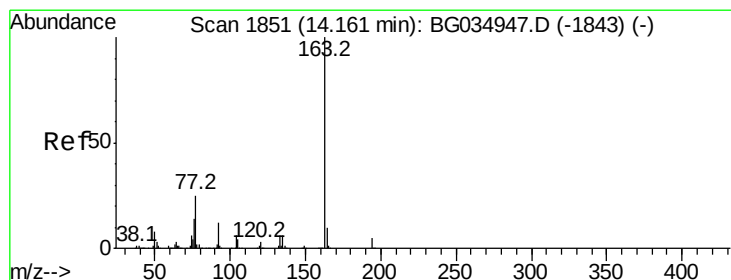
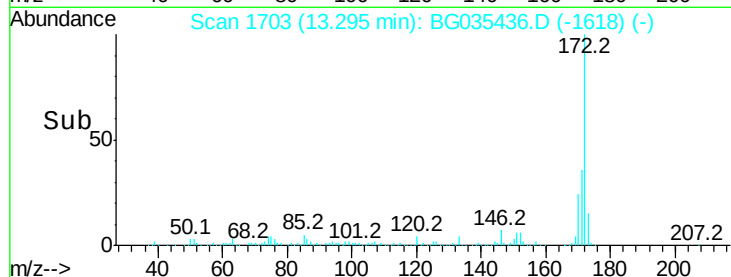
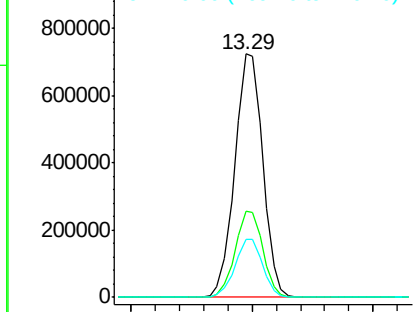
#44
2-Fluorobiphenyl
Concen: 104.397 ng
RT: 13.29 min Scan# 1703
Delta R.T. -0.03 min
Lab File: BG035436.D
Acq: 27 Jun 2018 8:32

Instrument :
BNA_G
ClientSampleId :
A0C2-02

Tot Ion:172 Resp: 1172574
Ion Ratio Lower Upper
172 100
171 35.5 30.0 45.0
170 23.6 19.5 29.3

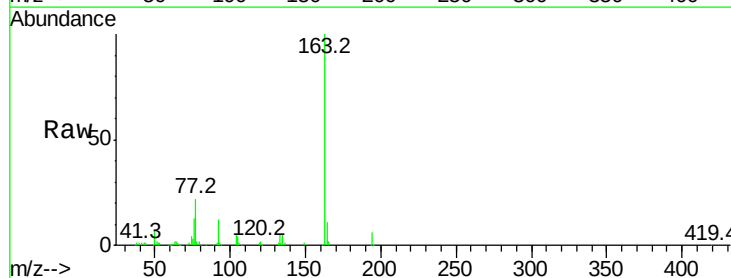


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

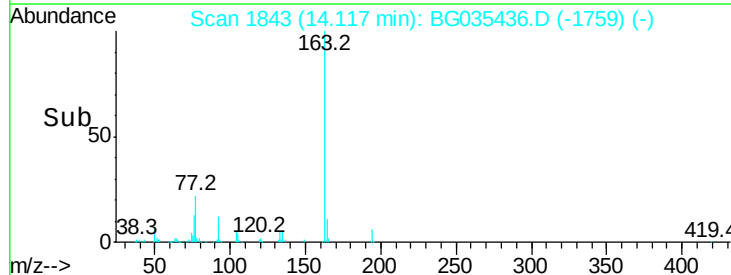
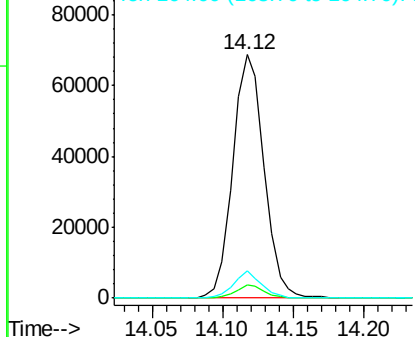


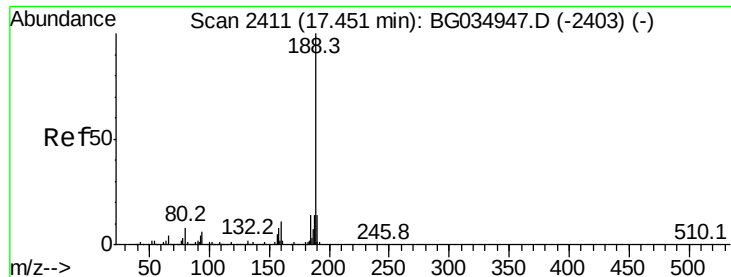
#49
Dimethylphthalate
Concen: 8.288 ng
RT: 14.12 min Scan# 1843
Delta R.T. -0.04 min
Lab File: BG035436.D
Acq: 27 Jun 2018 8:32

Tgt Ion:163 Resp: 105532
Ion Ratio Lower Upper
163 100
194 5.6 3.4 5.2#
164 11.4 8.2 12.4



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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2404

Delta R.T. -0.03 min

Lab File: BG035436.D

Acq: 27 Jun 2018 8:32

Instrument :

BNA_G

ClientSampleId :

A0C2-02

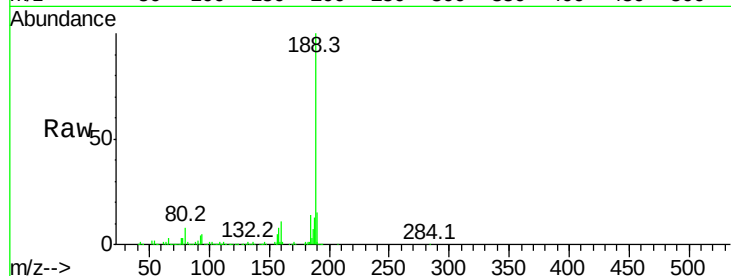
Tot Ion:188 Resp: 380565

Ion Ratio Lower Upper

188 100

94 5.5 6.9 10.3#

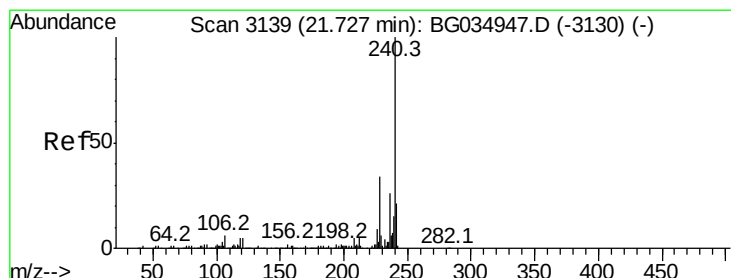
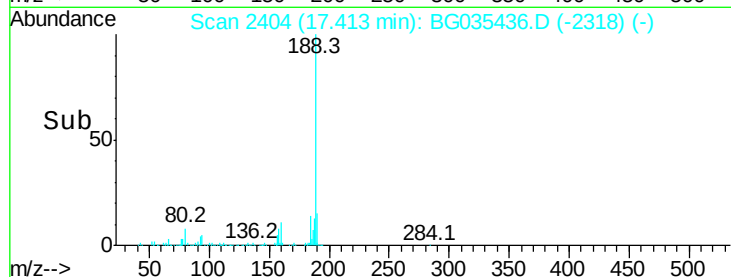
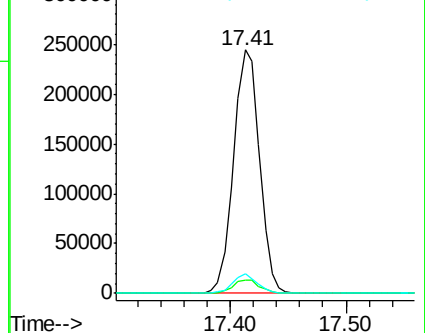
80 8.0 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3130

Delta R.T. -0.04 min

Lab File: BG035436.D

Acq: 27 Jun 2018 8:32

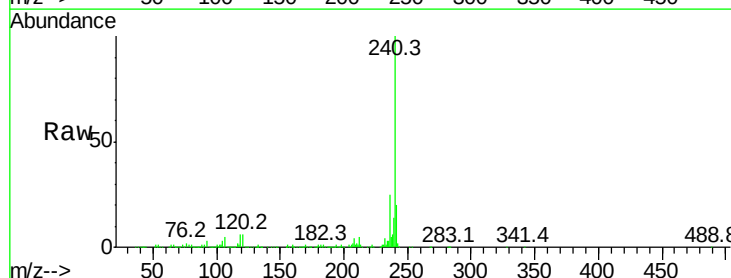
Tgt Ion:240 Resp: 402706

Ion Ratio Lower Upper

240 100

120 5.5 6.8 10.2#

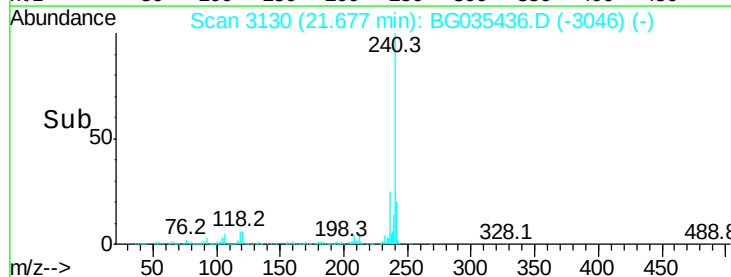
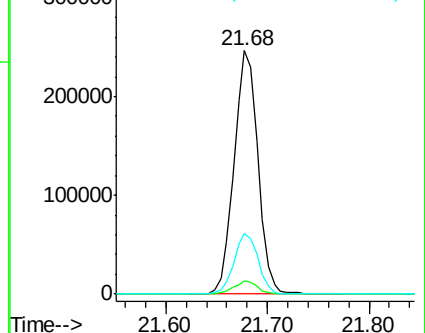
236 25.0 20.9 31.3

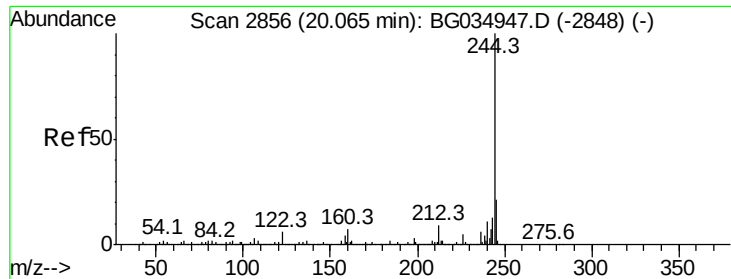


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 98.212 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.03 min

Lab File: BG035436.D

Acq: 27 Jun 2018 8:32

Instrument :

BNA_G

ClientSampleId :

A0C2-02

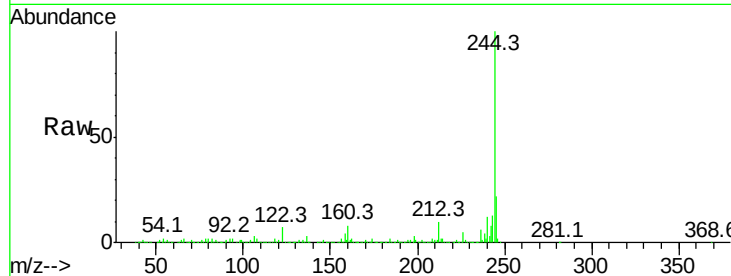
Tot Ion:244 Resp: 1888140

Ion Ratio Lower Upper

244 100

212 9.8 5.8 8.8#

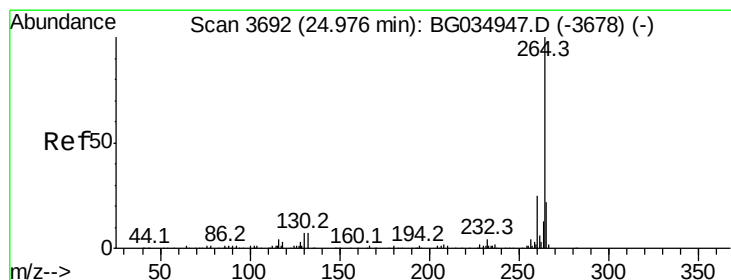
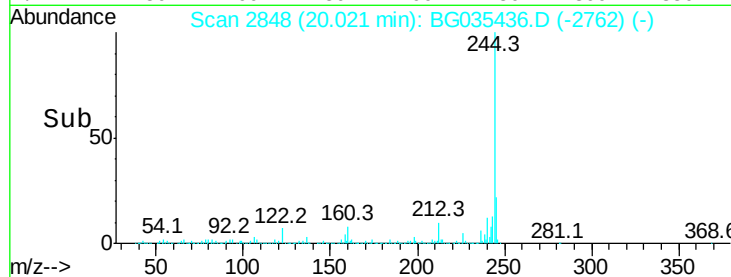
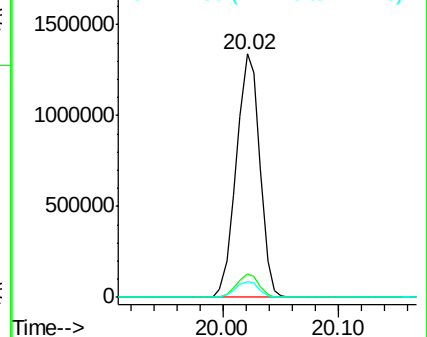
122 6.6 7.0 10.4#



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: 24.90 min Scan# 3678

Delta R.T. -0.06 min

Lab File: BG035436.D

Acq: 27 Jun 2018 8:32

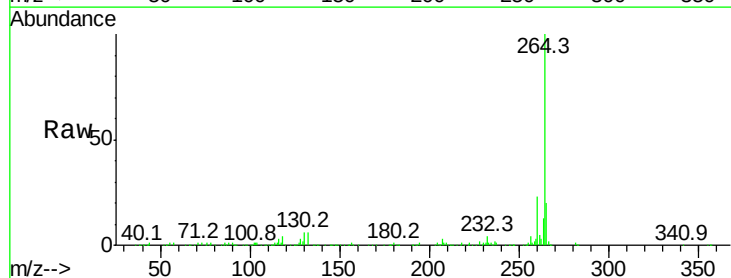
Tgt Ion:264 Resp: 397494

Ion Ratio Lower Upper

264 100

260 22.7 17.4 26.0

265 19.8 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

