

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062218\
 Data File : BG035353.D
 Acq On : 23 Jun 2018 5:10
 Operator : JU/SJ
 Sample : J3587-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Jun 25 06:43:25 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

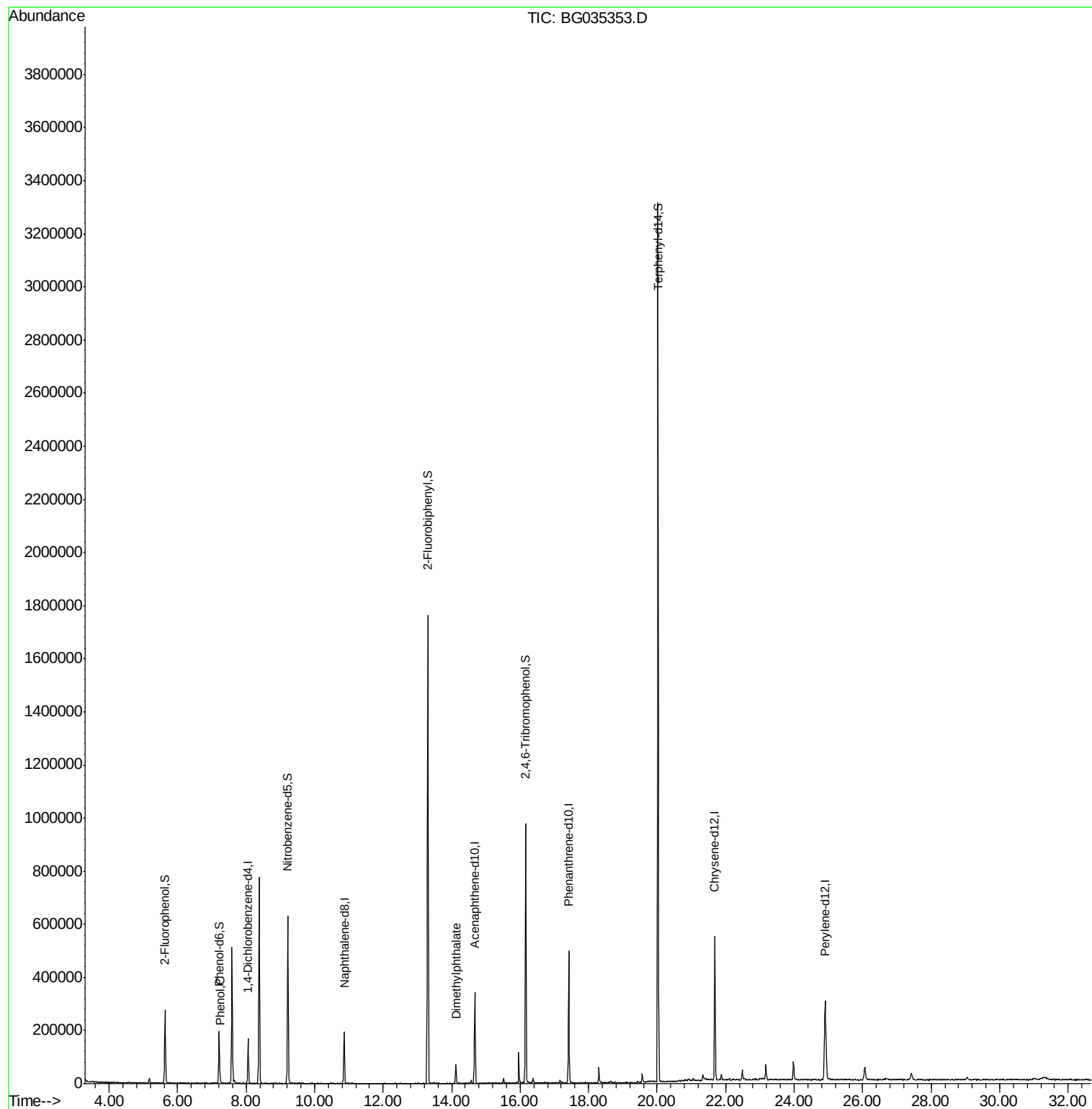
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	48146	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	169174	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	120111	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	315606	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	351393	20.00	ng	-0.03
86) Perylene-d12	24.90	264	330855	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	127197	44.58	ng	-0.02
7) Phenol-d6	7.21	99	119976	28.49	ng	-0.02
23) Nitrobenzene-d5	9.22	82	417229	117.23	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	177932	115.72	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	978833	105.94	ng	-0.03
78) Terphenyl-d14	20.03	244	1571123	93.66	ng	-0.02
Target Compounds						
10) Phenol	7.24	94	9481	2.176	ng	92
49) Dimethylphthalate	14.12	163	48427	4.624	ng	99

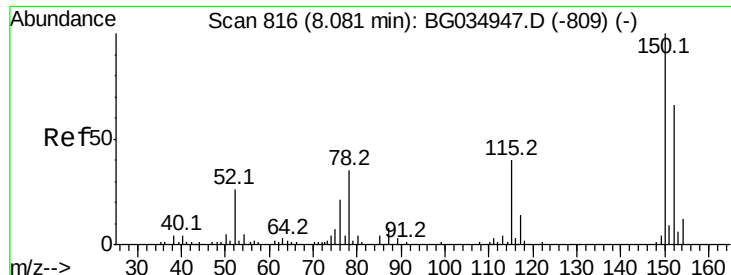
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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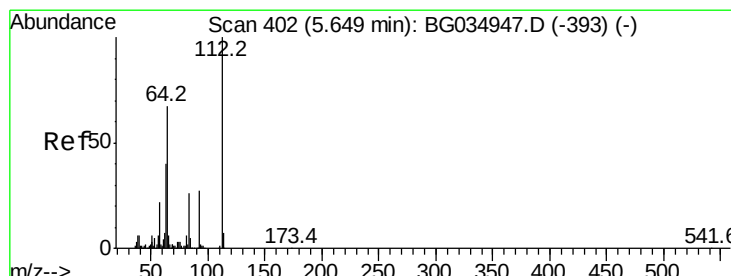
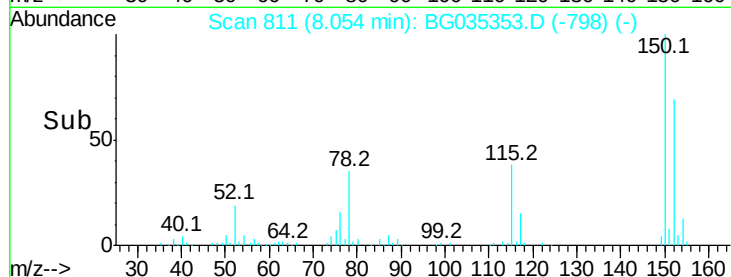
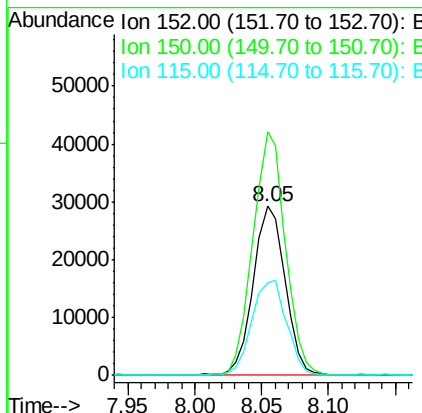
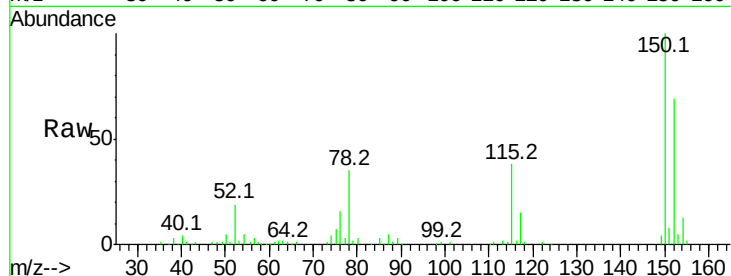


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035353.D
Acq: 23 Jun 2018 5:10

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

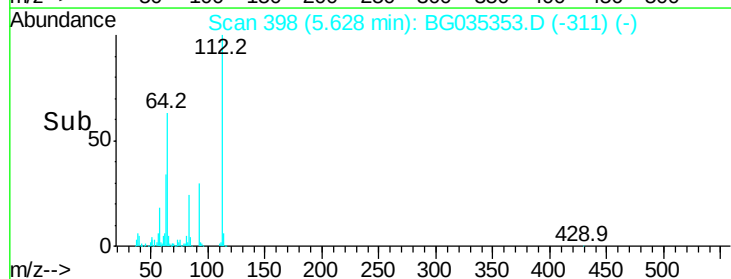
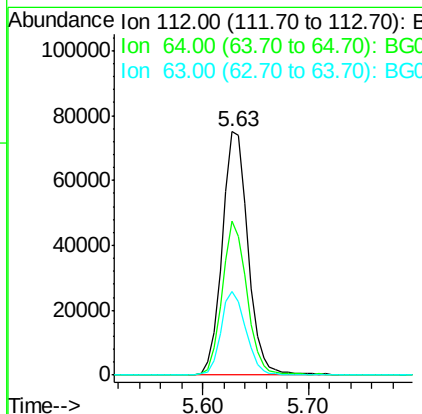
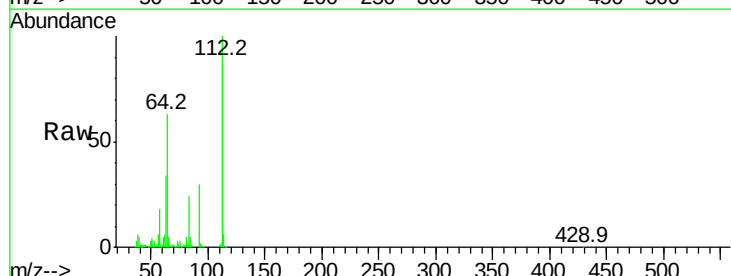
Tot Ion:152 Resp: 48146
Ion Ratio Lower Upper
152 100
150 144.2 126.6 189.8
115 54.5 53.0 79.4

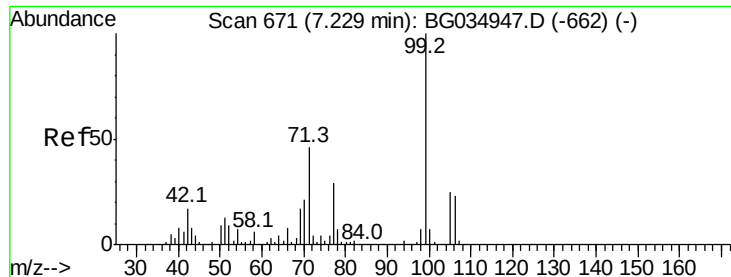


#5

2-Fluorophenol
Concen: 44.585 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.02 min
Lab File: BG035353.D
Acq: 23 Jun 2018 5:10

Tgt Ion:112 Resp: 127197
Ion Ratio Lower Upper
112 100
64 63.4 56.3 84.5
63 34.4 30.1 45.1





#7

Phenol-d6

Concen: 28.493 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.02 min

Lab File: BG035353.D

Acq: 23 Jun 2018 5:10

Instrument :

BNA_G

ClientSampleId :

061818-DBRI-E-D-B

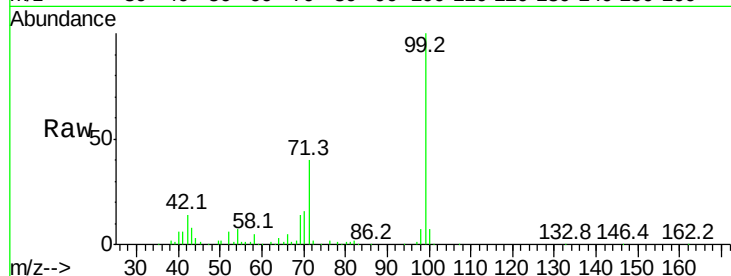
Tot Ion: 99 Resp: 119976

Ion Ratio Lower Upper

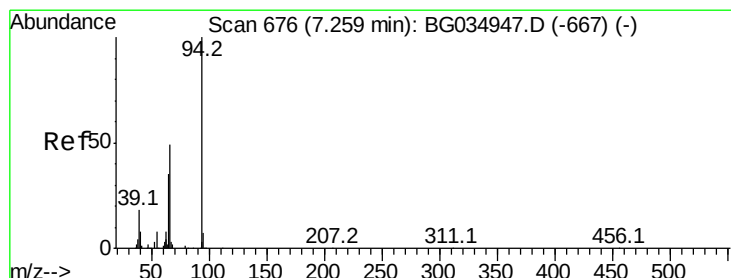
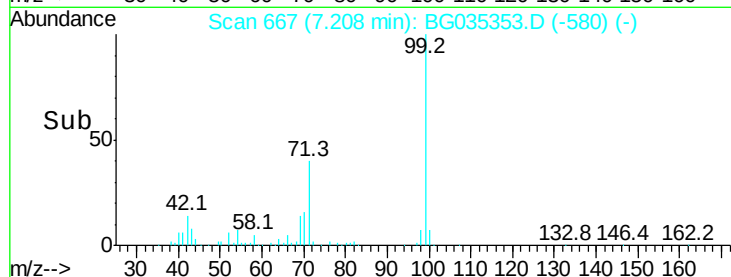
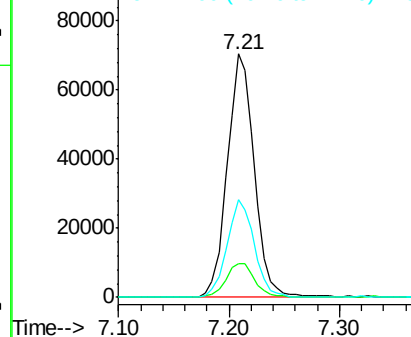
99 100

42 13.8 14.1 21.1#

71 40.3 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: 2.176 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.02 min

Lab File: BG035353.D

Acq: 23 Jun 2018 5:10

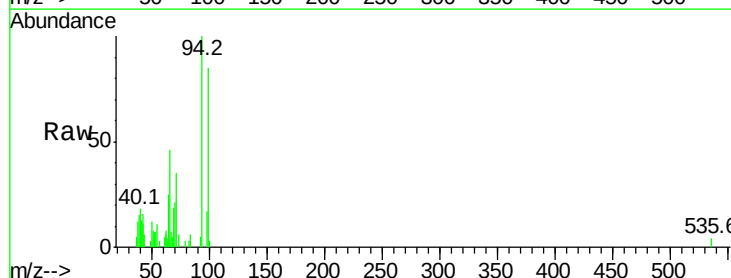
Tgt Ion: 94 Resp: 9481

Ion Ratio Lower Upper

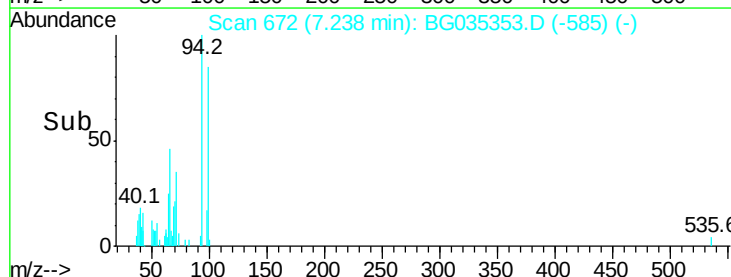
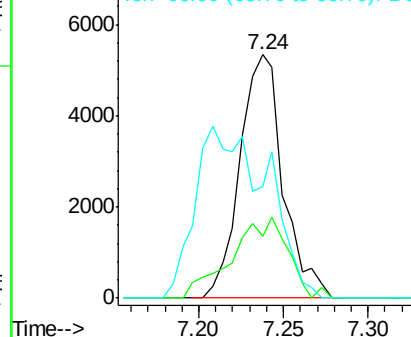
94 100

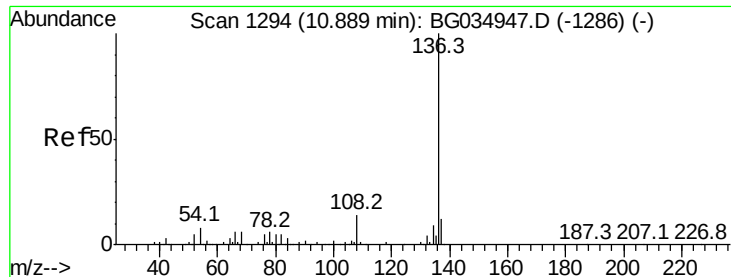
65 25.5 11.9 51.9

66 45.7 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

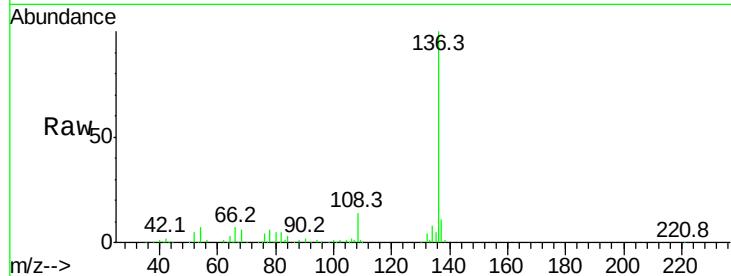




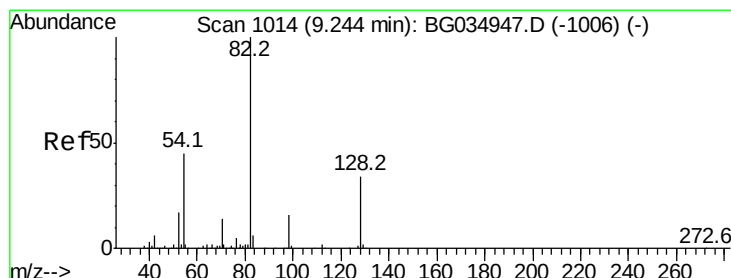
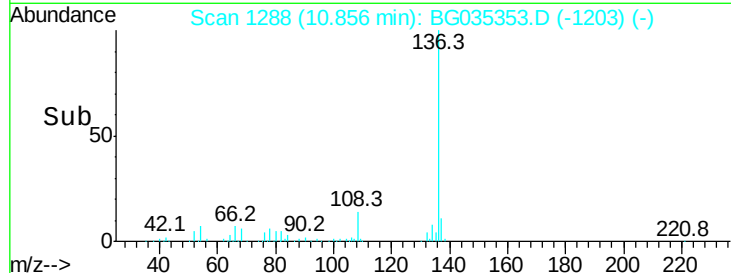
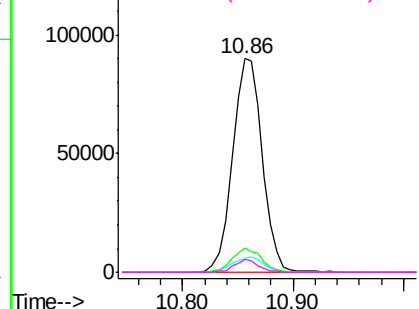
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BG035353.D
Acq: 23 Jun 2018 5:10

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

Tot Ion:	136	Resp:	169174
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	6.7	10.3	15.5
68	5.8	4.5	6.7

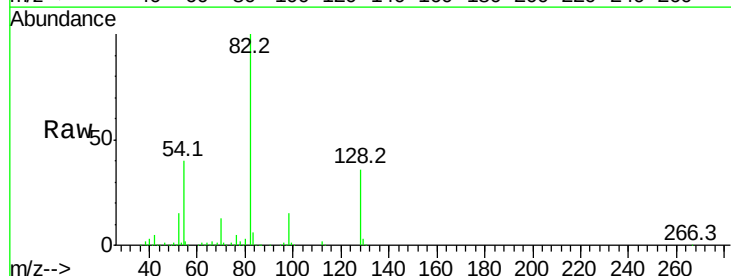


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

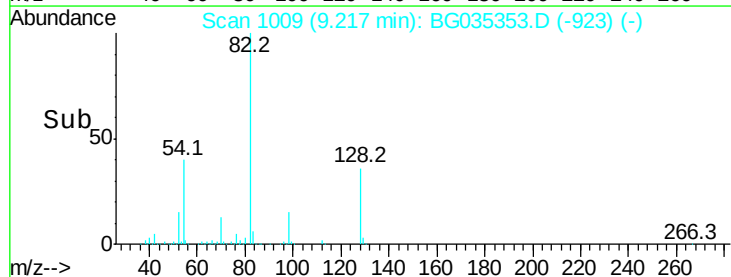
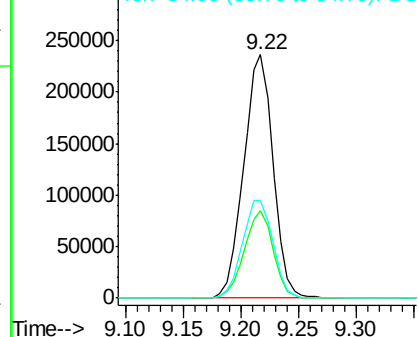


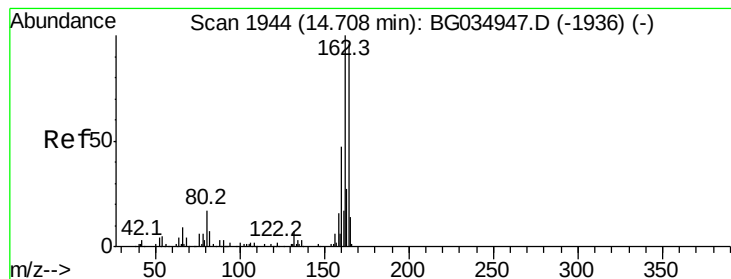
#23
Nitrobenzene-d5
Concen: 117.233 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BG035353.D
Acq: 23 Jun 2018 5:10

Tgt Ion:	82	Resp:	417229
Ion	Ratio	Lower	Upper
82	100		
128	36.1	29.7	44.5
54	40.4	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: BG035353.D

Acq: 23 Jun 2018 5:10

Instrument :

BNA_G

ClientSampleId :

061818-DBRI-E-D-B

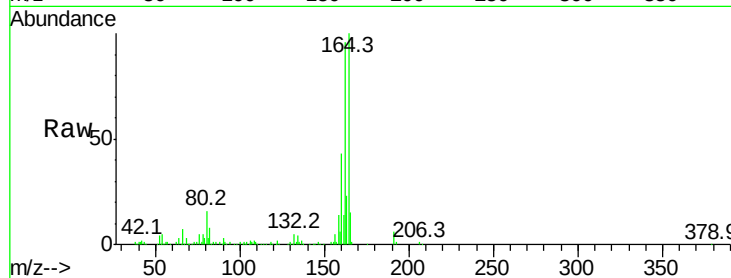
Tot Ion:164 Resp: 120111

Ion Ratio Lower Upper

164 100

162 96.2 78.8 118.2

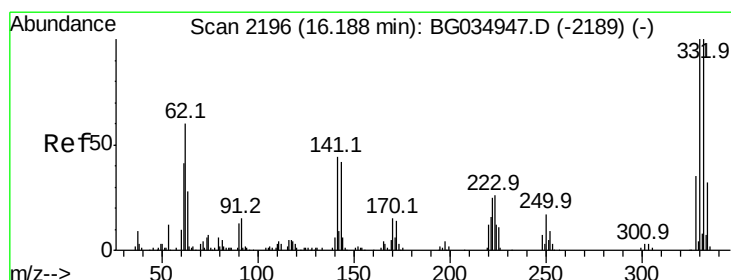
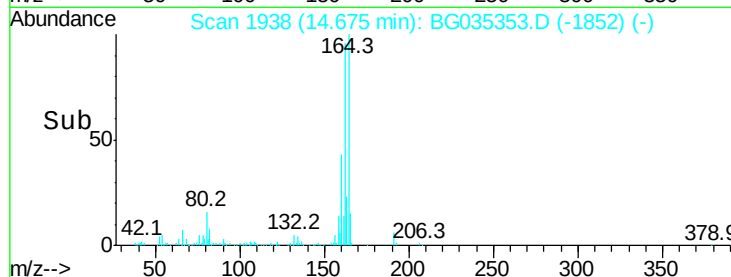
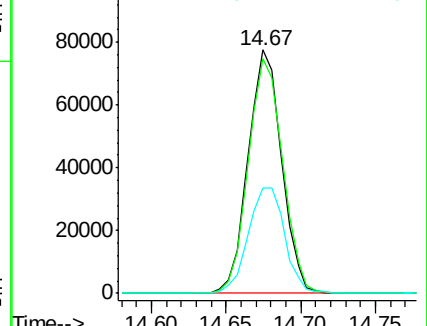
160 43.0 35.4 53.0



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: 115.723 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.02 min

Lab File: BG035353.D

Acq: 23 Jun 2018 5:10

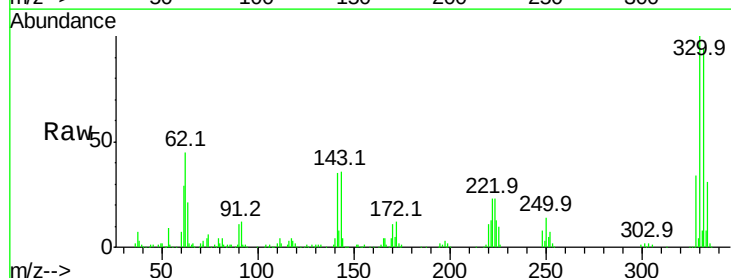
Tgt Ion:330 Resp: 177932

Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.6

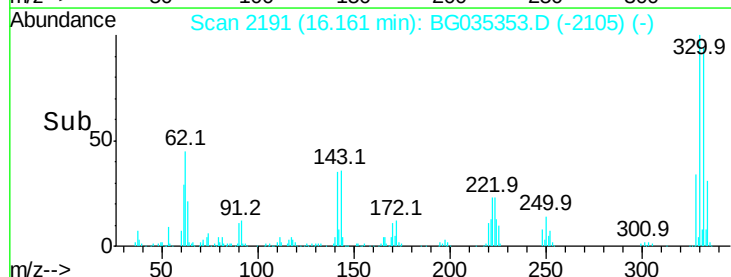
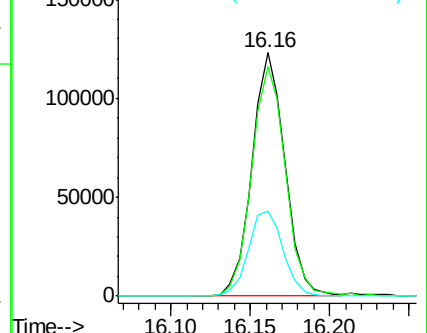
141 36.8 25.2 37.8

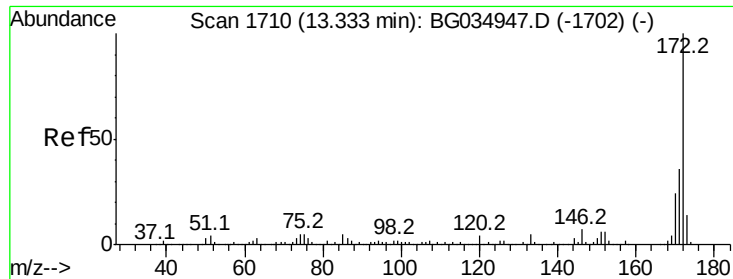


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

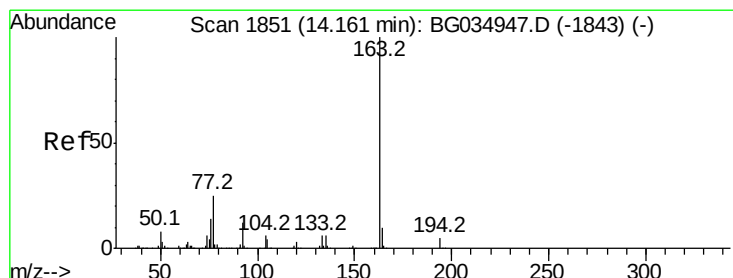
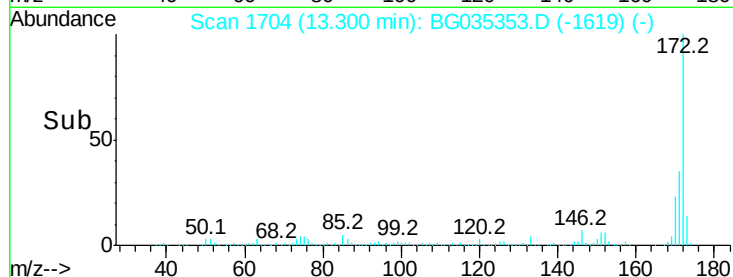
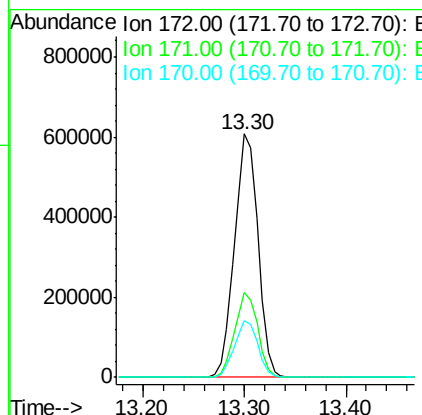
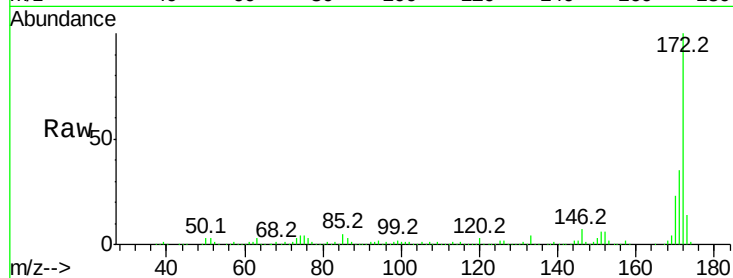




#44
 2-Fluorobiphenyl
 Concen: 105.942 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035353.D
 Acq: 23 Jun 2018 5:10

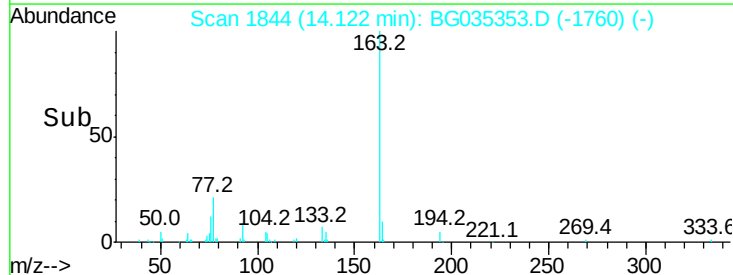
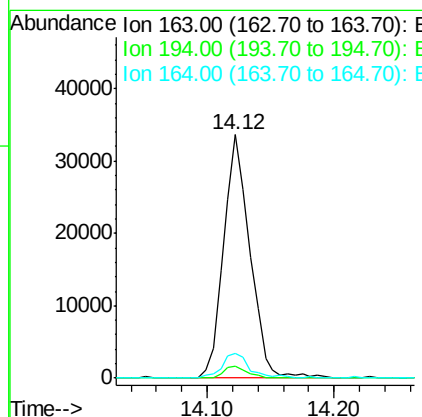
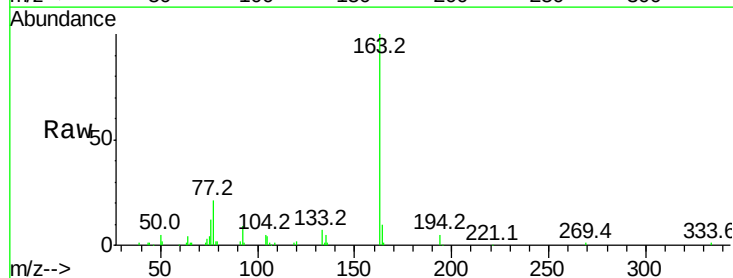
Instrument :
 BNA_G
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 061818-DBRI-E-D-B

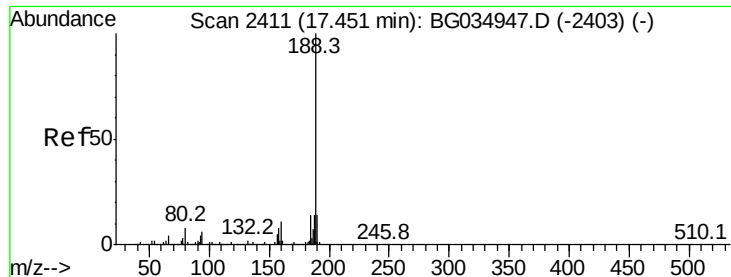
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	30.0	45.0
170	23.5	19.5	29.3



#49
 Dimethylphthalate
 Concen: 4.624 ng
 RT: 14.12 min Scan# 1844
 Delta R.T. -0.03 min
 Lab File: BG035353.D
 Acq: 23 Jun 2018 5:10

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.4	5.2
164	10.3	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: BG035353.D

Acq: 23 Jun 2018 5:10

Instrument :

BNA_G

ClientSampleId :

061818-DBRI-E-D-B

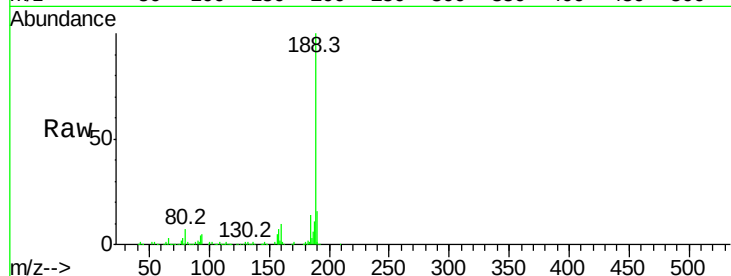
Tot Ion:188 Resp: 315606

Ion Ratio Lower Upper

188 100

94 5.5 6.9 10.3#

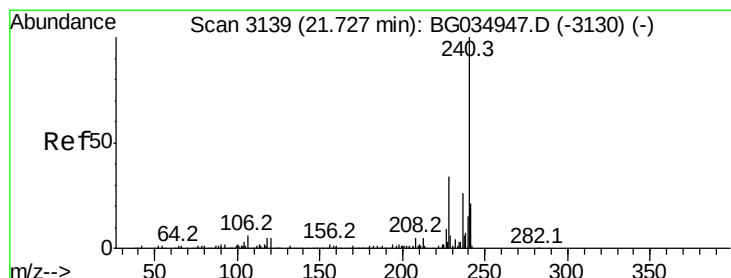
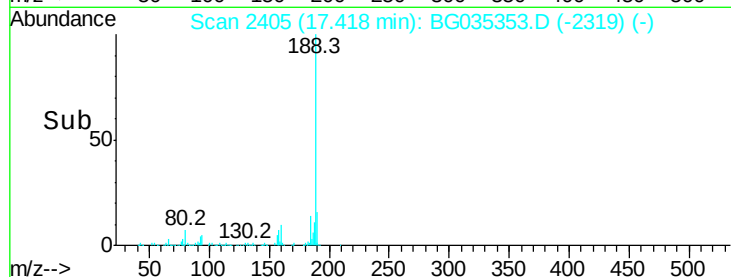
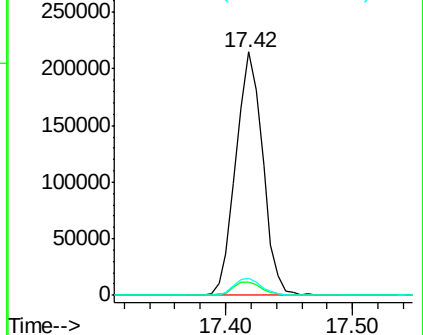
80 6.9 7.7 11.5#



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: 21.68 min Scan# 3131

Delta R.T. -0.03 min

Lab File: BG035353.D

Acq: 23 Jun 2018 5:10

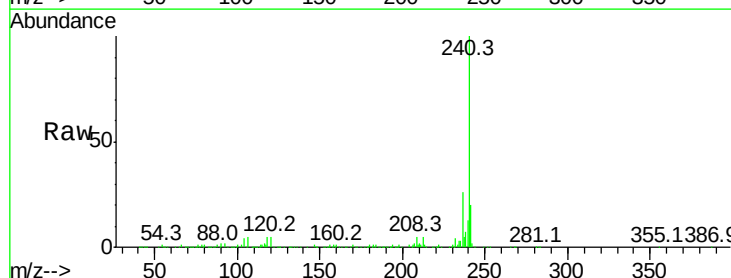
Tgt Ion:240 Resp: 351393

Ion Ratio Lower Upper

240 100

120 5.4 6.8 10.2#

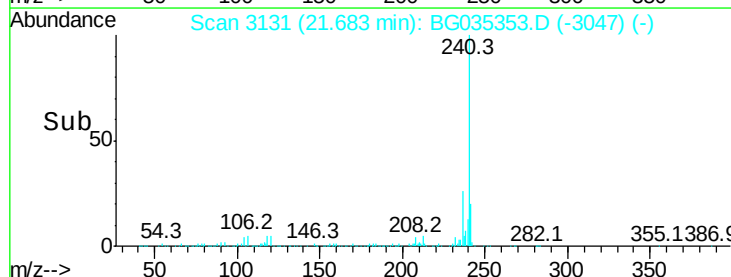
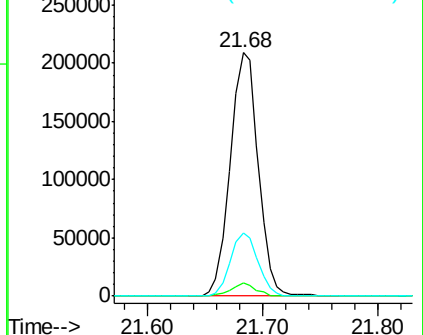
236 26.1 20.9 31.3

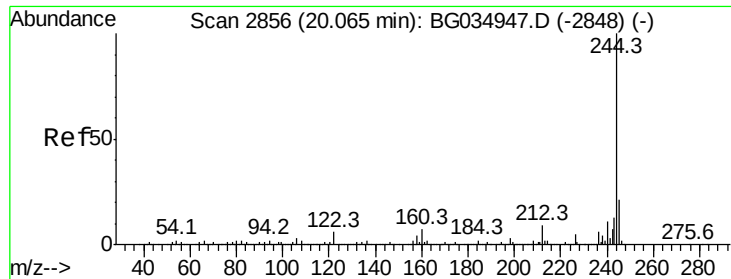


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 93.656 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035353.D

Acq: 23 Jun 2018 5:10

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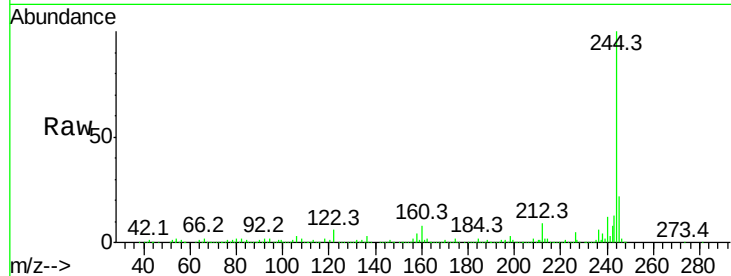
Tot Ion:244 Resp: 1571123

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

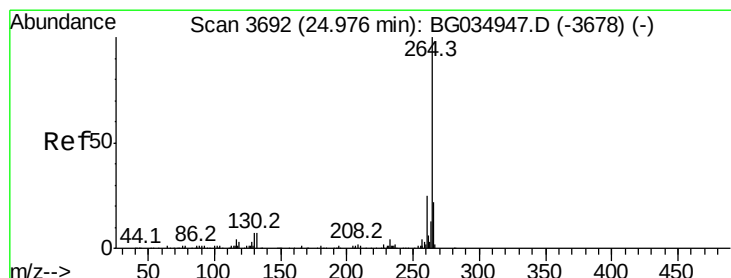
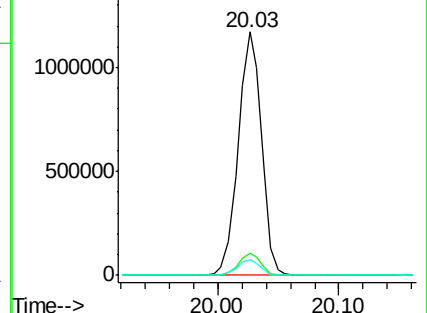
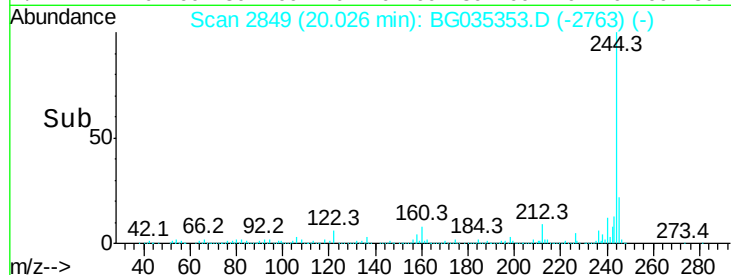
122 6.5 7.0 10.4#



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: BG035353.D

Acq: 23 Jun 2018 5:10

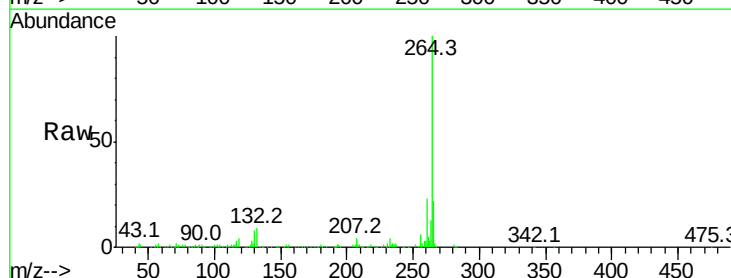
Tgt Ion:264 Resp: 330855

Ion Ratio Lower Upper

264 100

260 22.8 17.4 26.0

265 21.9 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

