

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011419\
 Data File : BG039122.D
 Acq On : 14 Jan 2019 15:48
 Operator : JU/SJ
 Sample : K1128-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RBR-200053

Quant Time: Jan 14 23:01:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

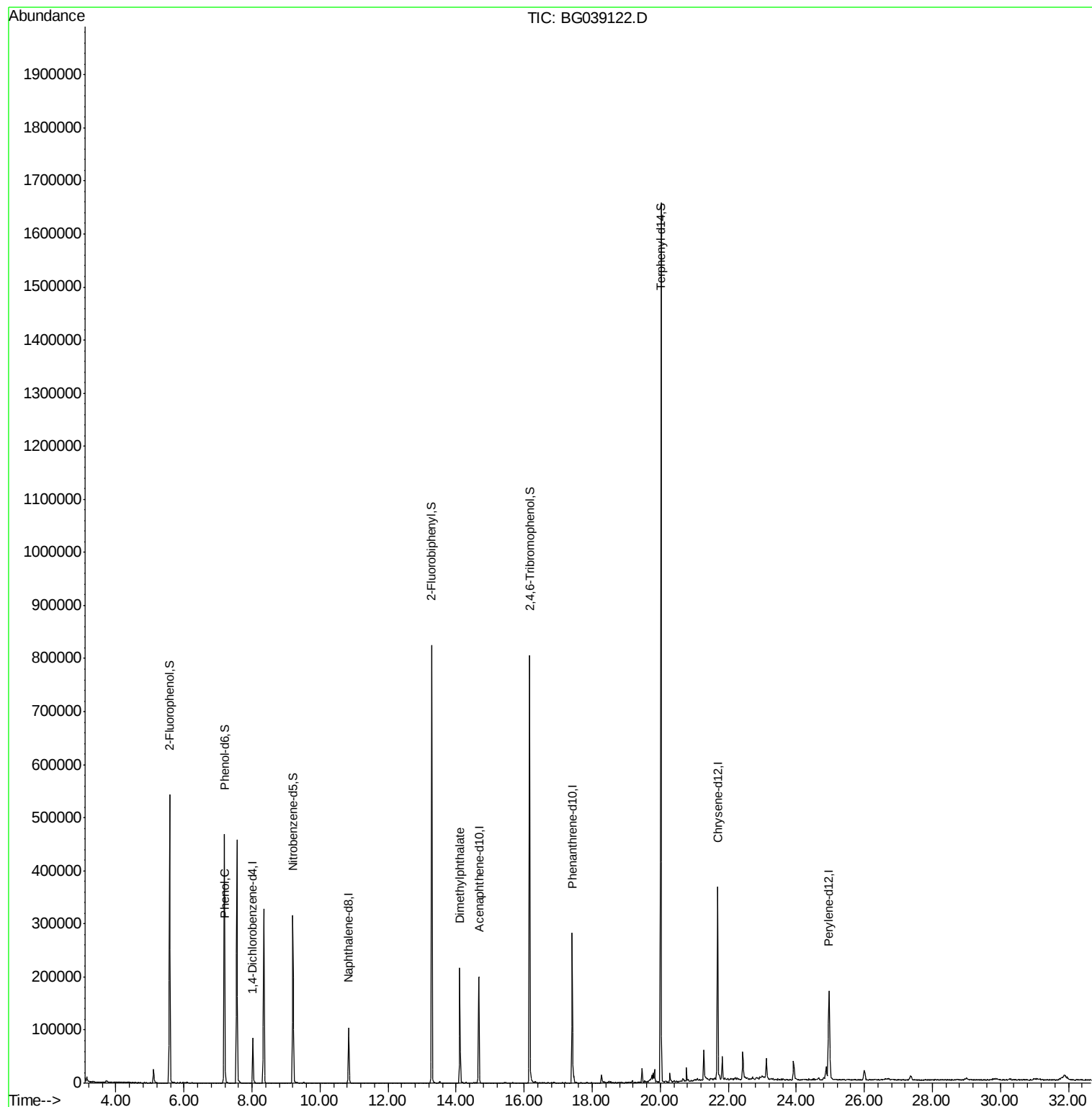
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	25039	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	96447	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	76905	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	189639	20.00	ng	0.00
76) Chrysene-d12	21.69	240	228815	20.00	ng	-0.01
87) Perylene-d12	24.97	264	215655	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	255443	193.53	ng	0.00
7) Phenol-d6	7.19	99	278527	146.63	ng	0.00
23) Nitrobenzene-d5	9.20	82	193573	109.82	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	182708	141.73	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	466652	83.04	ng	0.00
79) Terphenyl-d14	20.02	244	868048	70.18	ng	0.00
Target Compounds						
10) Phenol	7.21	94	5313	2.790	ng	Qvalue # 58
50) Dimethylphthalate	14.11	163	158857	24.444	ng	99

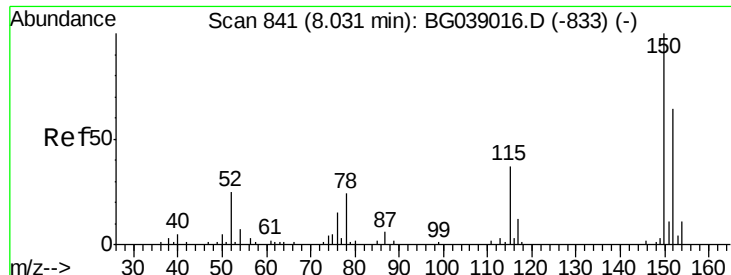
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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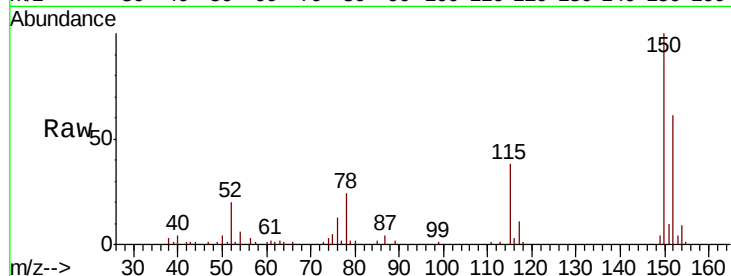


#1

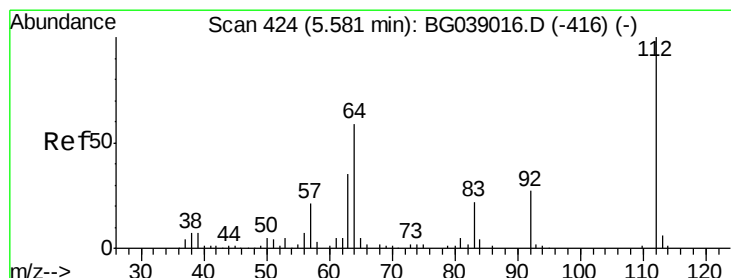
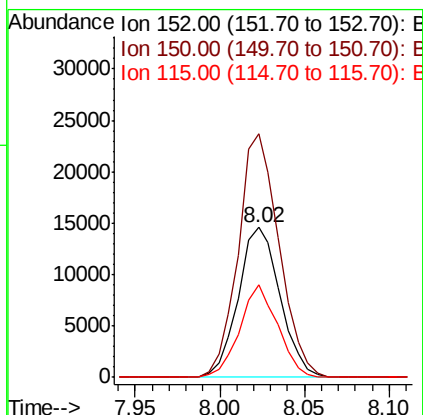
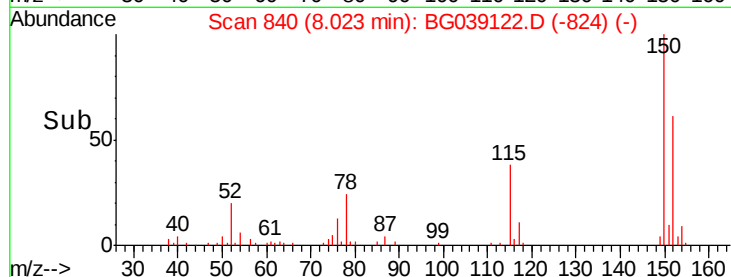
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG039122.D
Acq: 14 Jan 2019 15:48

Instrument :
BNA_G
ClientSampleId :
RBR-200053

Tot Ion:152 Resp: 25039
Ion Ratio Lower Upper
152 100
150 162.8 124.7 187.1
115 61.5 46.5 69.7



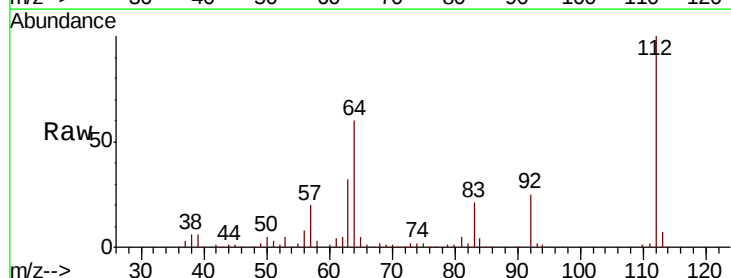
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



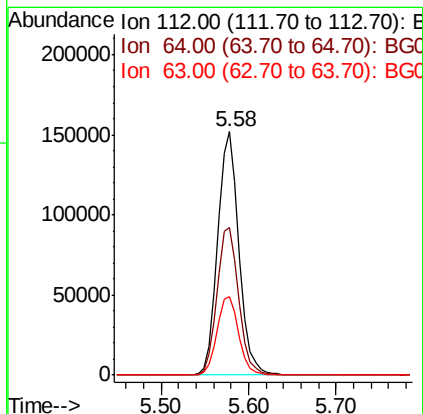
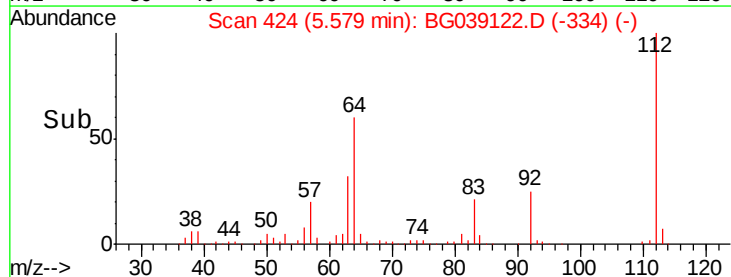
#5

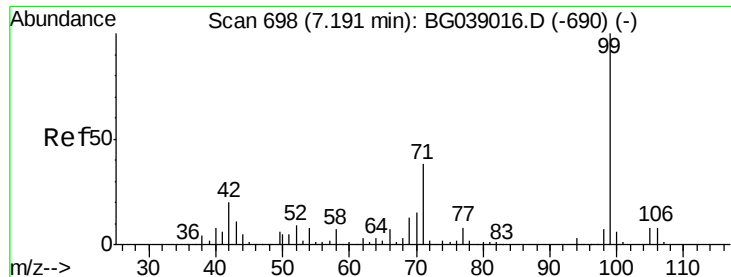
2-Fluorophenol
Concen: 193.526 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG039122.D
Acq: 14 Jan 2019 15:48

Tgt Ion:112 Resp: 255443
Ion Ratio Lower Upper
112 100
64 60.4 47.0 70.6
63 32.0 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 146.627 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG039122.D

Acq: 14 Jan 2019 15:48

Instrument :

BNA_G

ClientSampleId :

RBR-200053

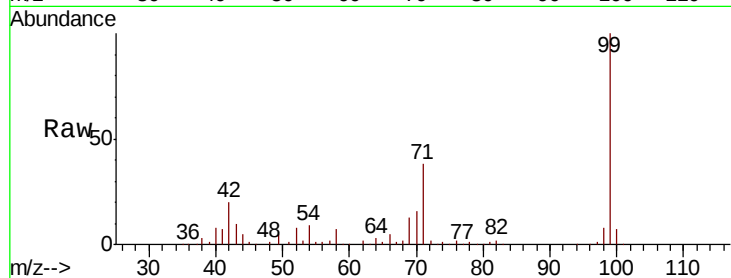
Tot Ion: 99 Resp: 278527

Ion Ratio Lower Upper

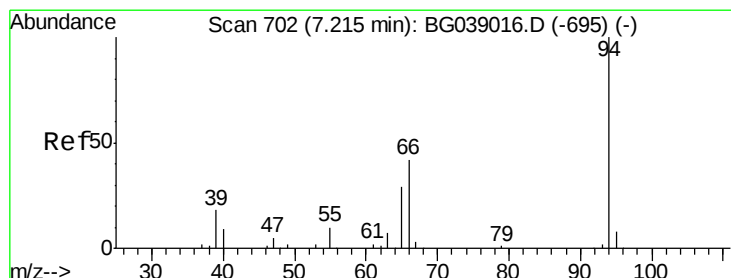
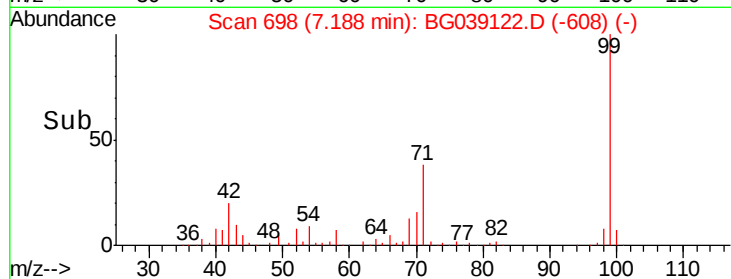
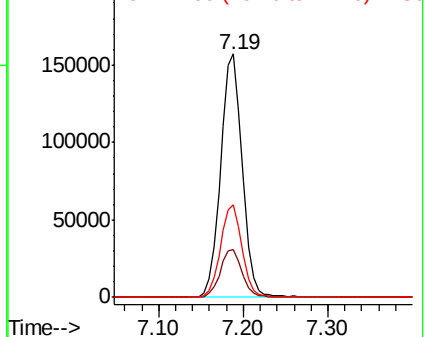
99 100

42 19.7 15.8 23.6

71 37.9 30.2 45.4



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: 2.790 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG039122.D

Acq: 14 Jan 2019 15:48

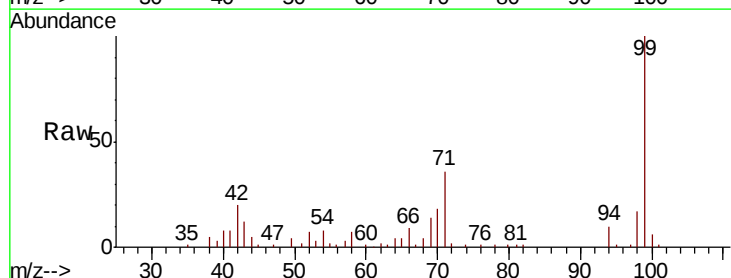
Tgt Ion: 94 Resp: 5313

Ion Ratio Lower Upper

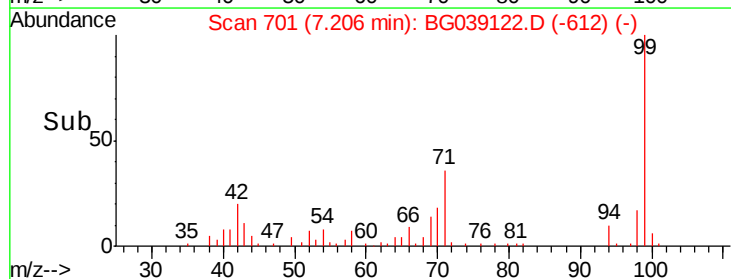
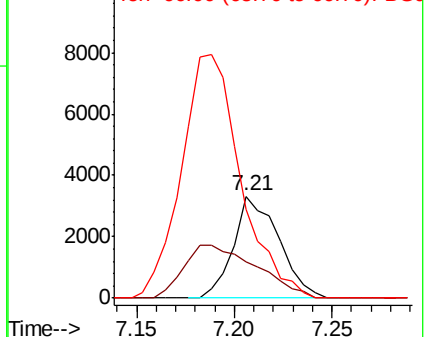
94 100

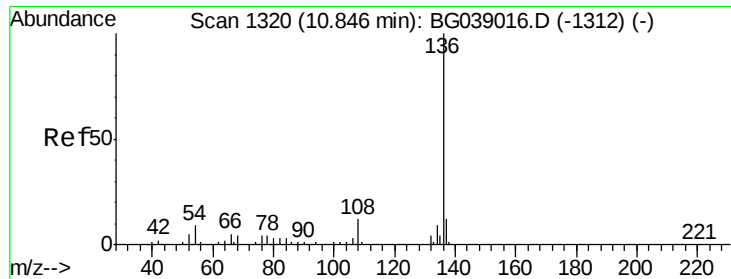
65 35.2 10.3 50.3

66 86.9 25.1 65.1#



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# 1320

Delta R.T. -0.00 min

Lab File: BG039122.D

Acq: 14 Jan 2019 15:48

Instrument :

BNA_G

ClientSampleId :

RBR-200053

Tot Ion:136 Resp: 96447

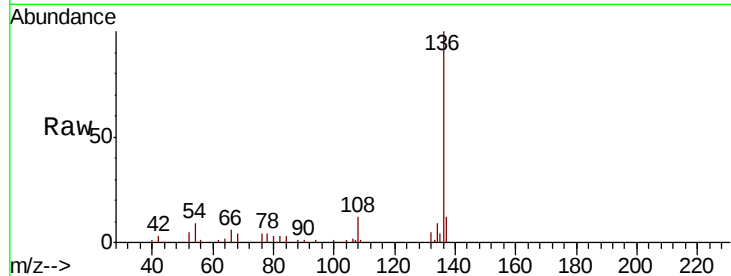
Ion Ratio Lower Upper

136 100

137 12.2 9.4 14.2

54 9.2 7.2 10.8

68 4.1 3.5 5.3

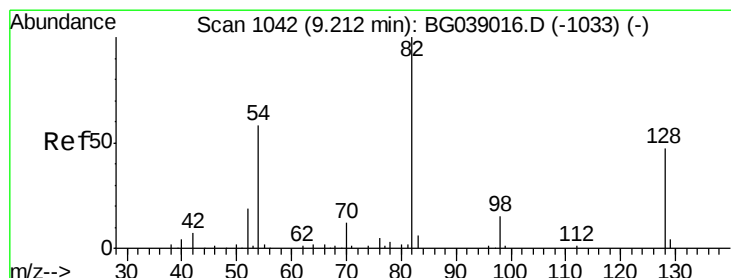
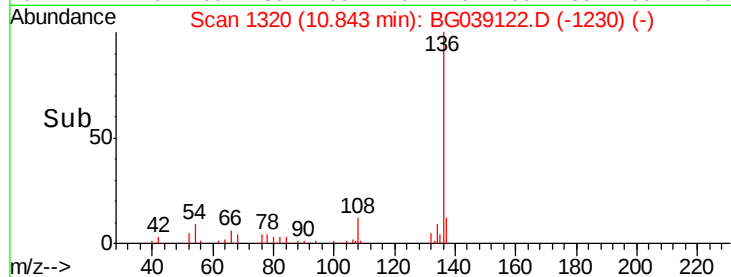
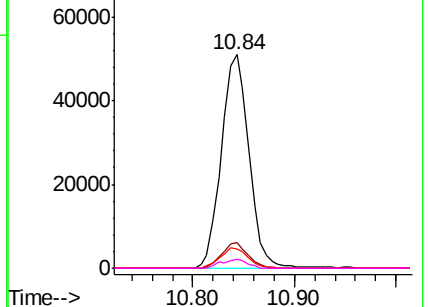


Abundance Ion 136.00 (135.70 to 136.70): E

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: 109.824 ng

RT: 9.20 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BG039122.D

Acq: 14 Jan 2019 15:48

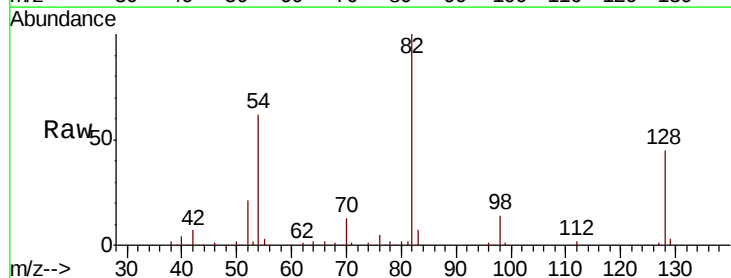
Tgt Ion: 82 Resp: 193573

Ion Ratio Lower Upper

82 100

128 44.6 37.3 55.9

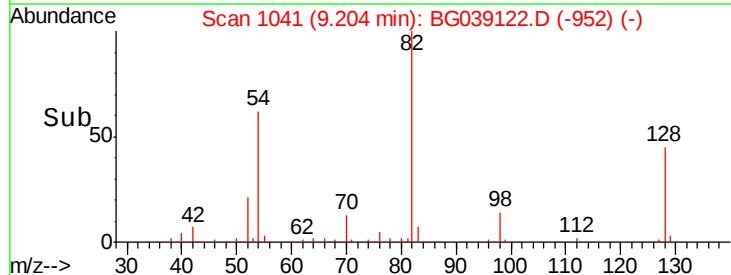
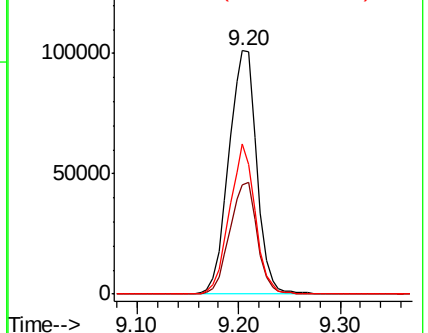
54 61.8 46.4 69.6



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: 14.67 min Scan# 1971

Delta R.T. -0.00 min

Lab File: BG039122.D

Acq: 14 Jan 2019 15:48

Instrument :

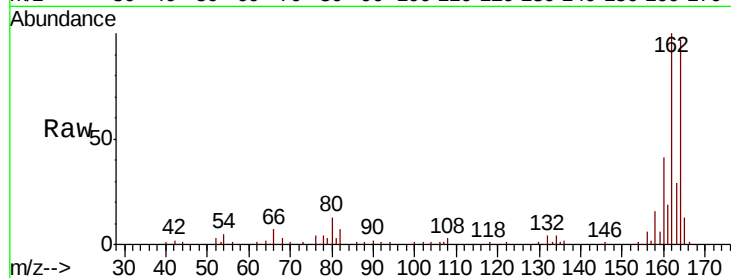
BNA_G

ClientSampleId :

RBR-200053

Tot Ion:164 Resp: 76905

Ion	Ratio	Lower	Upper
164	100		
162	103.0	87.2	130.8
160	42.5	33.3	49.9

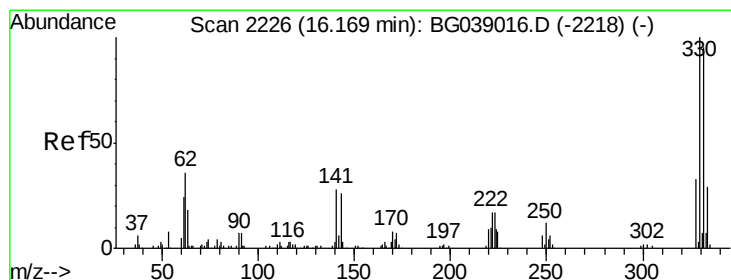
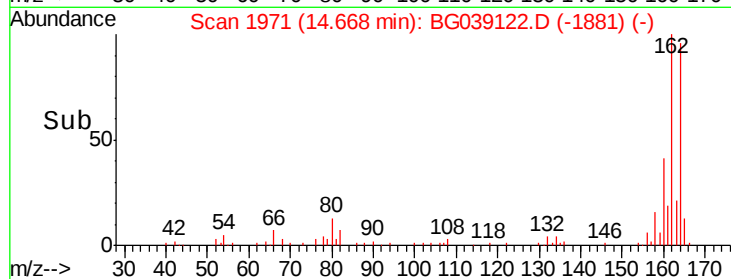
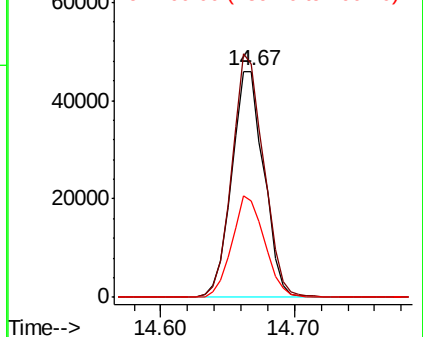


Abundance

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: 141.729 ng

RT: 16.16 min Scan# 2225

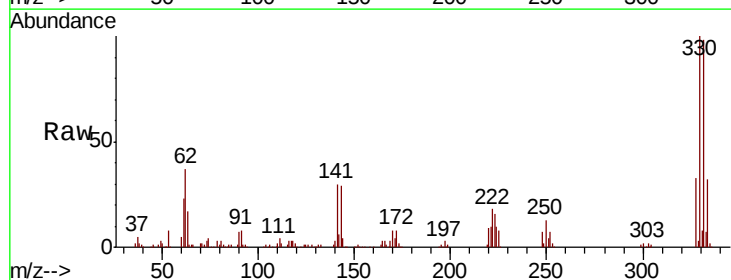
Delta R.T. -0.01 min

Lab File: BG039122.D

Acq: 14 Jan 2019 15:48

Tgt Ion:330 Resp: 182708

Ion	Ratio	Lower	Upper
330	100		
332	94.4	75.7	113.5
141	30.0	24.9	37.3

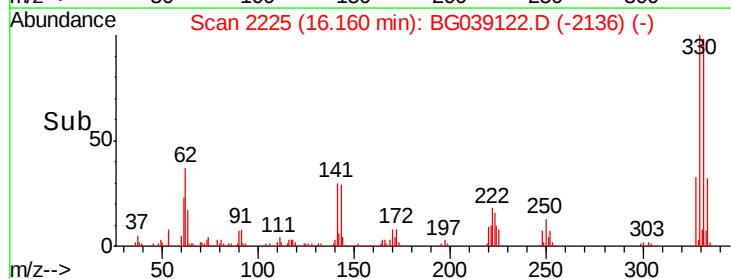
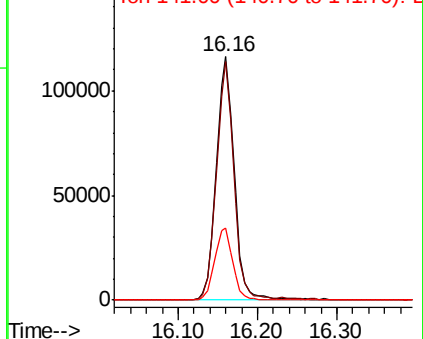


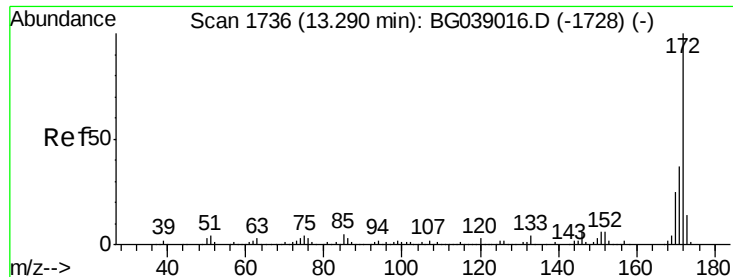
Abundance

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

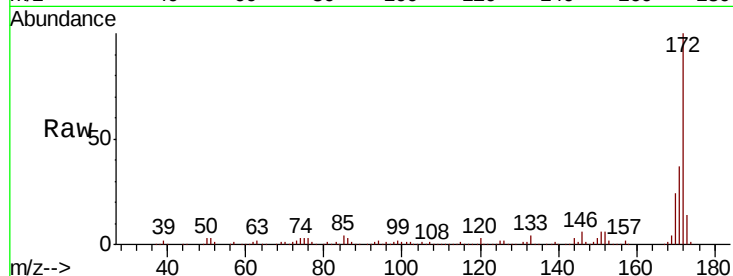




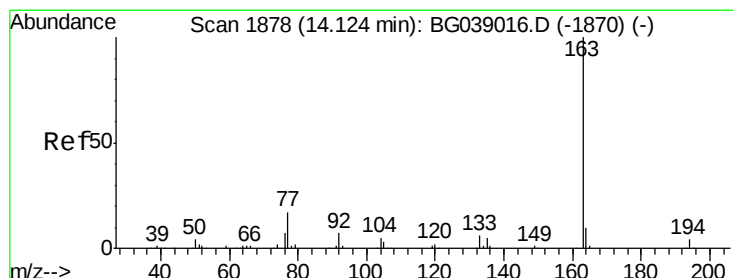
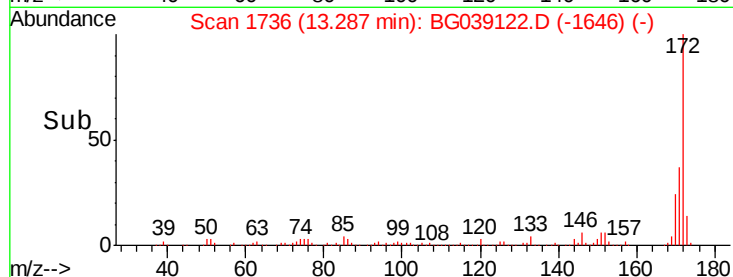
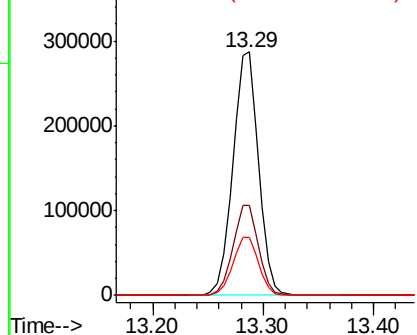
#45
2-Fluorobiphenyl
Concen: 83.043 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.00 min
Lab File: BG039122.D
Acq: 14 Jan 2019 15:48

Instrument :
BNA_G
ClientSampleId :
RBR-200053

Tot Ion:172 Resp: 466652
Ion Ratio Lower Upper
172 100
171 37.1 29.4 44.0
170 24.1 20.1 30.1

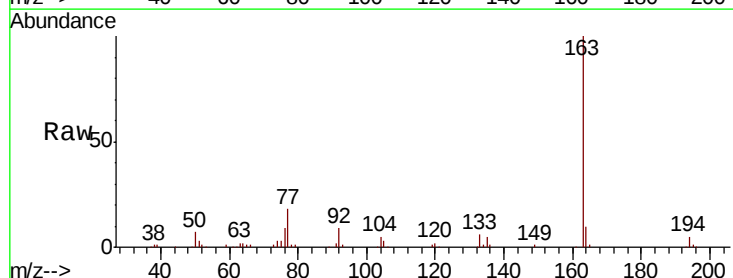


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

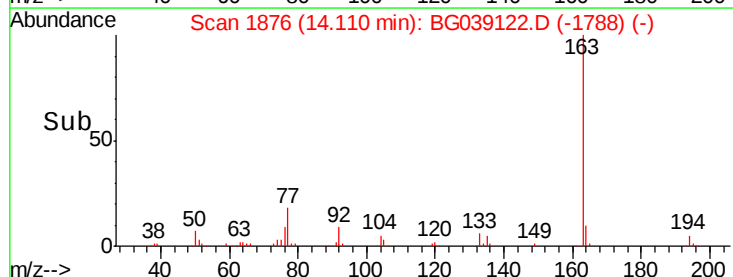
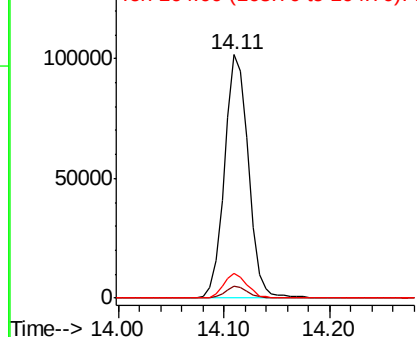


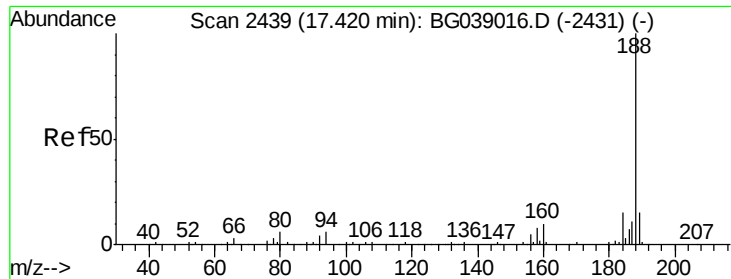
#50
Dimethylphthalate
Concen: 24.444 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG039122.D
Acq: 14 Jan 2019 15:48

Tgt Ion:163 Resp: 158857
Ion Ratio Lower Upper
163 100
194 5.1 3.6 5.4
164 10.1 8.2 12.2



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

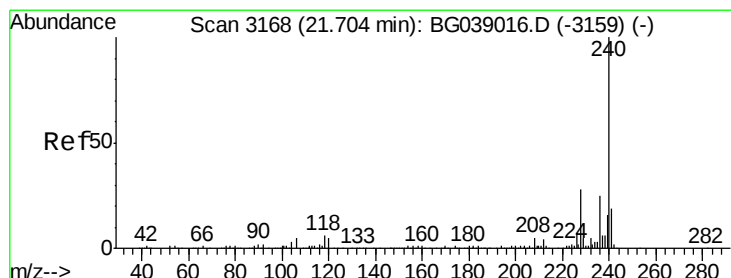
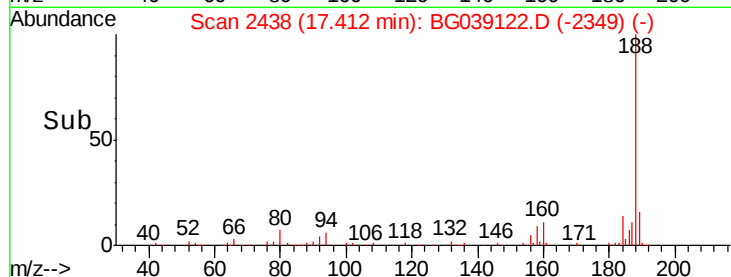
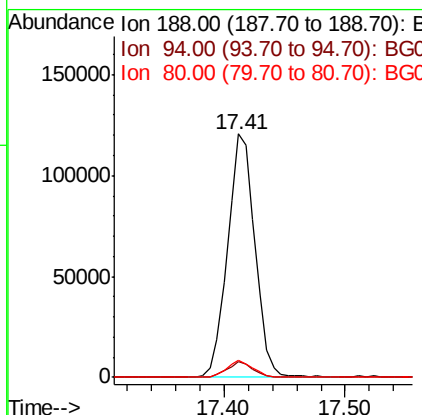
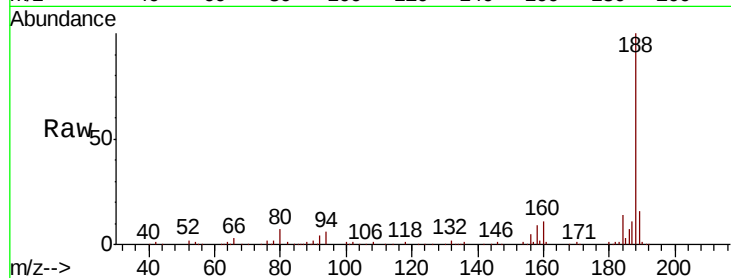




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG039122.D
Acq: 14 Jan 2019 15:48

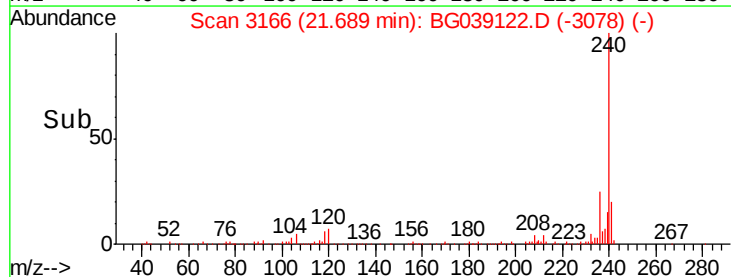
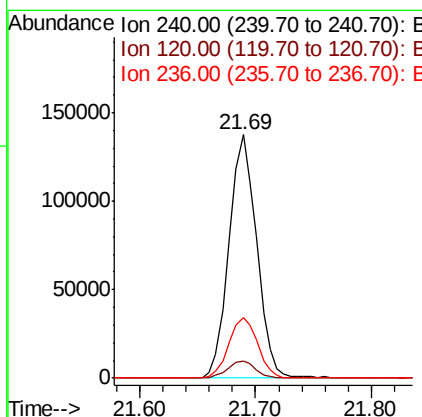
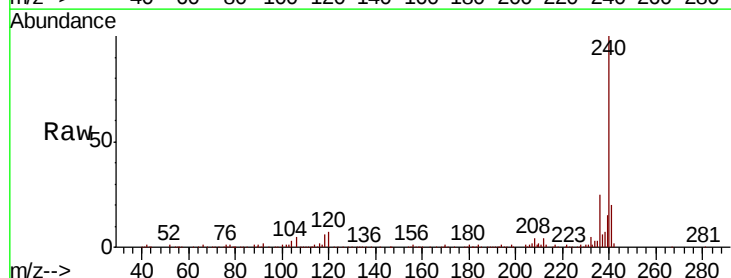
Instrument :
BNA_G
ClientSampleId :
RBR-200053

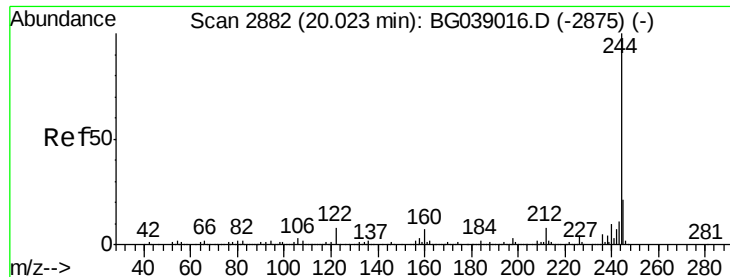
Tot Ion:188 Resp: 189639
Ion Ratio Lower Upper
188 100
94 6.3 5.0 7.4
80 7.2 4.7 7.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG039122.D
Acq: 14 Jan 2019 15:48

Tgt Ion:240 Resp: 228815
Ion Ratio Lower Upper
240 100
120 6.8 4.3 6.5#
236 24.9 20.1 30.1





#79

Terphenyl-d14

Concen: 70.179 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG039122.D

Acq: 14 Jan 2019 15:48

Instrument :

BNA_G

ClientSampleId :

RBR-200053

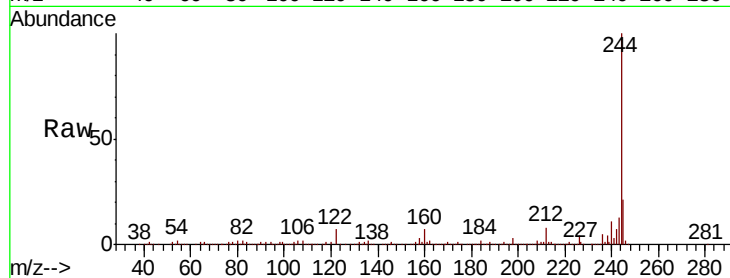
Tot Ion:244 Resp: 868048

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

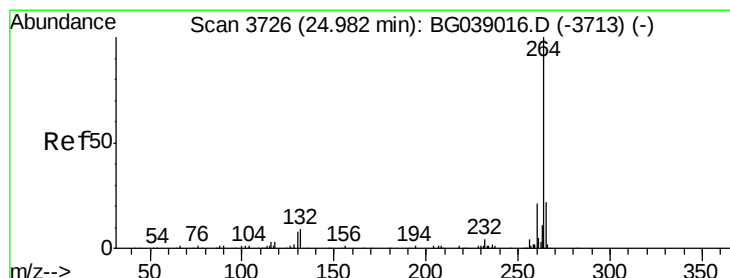
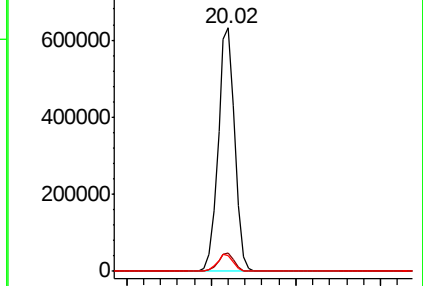
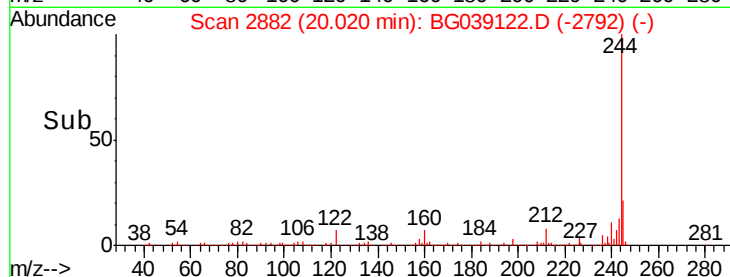
122 6.6 6.1 9.1



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.97 min Scan# 3724

Delta R.T. -0.01 min

Lab File: BG039122.D

Acq: 14 Jan 2019 15:48

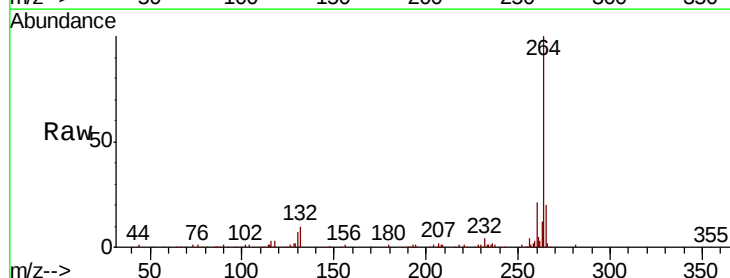
Tgt Ion:264 Resp: 215655

Ion Ratio Lower Upper

264 100

260 21.2 17.0 25.6

265 19.6 17.2 25.8



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

