

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030819\
 Data File : BG039824.D
 Acq On : 8 Mar 2019 16:57
 Operator : JU/SJ
 Sample : K1807-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-5

Quant Time: Mar 09 00:31:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

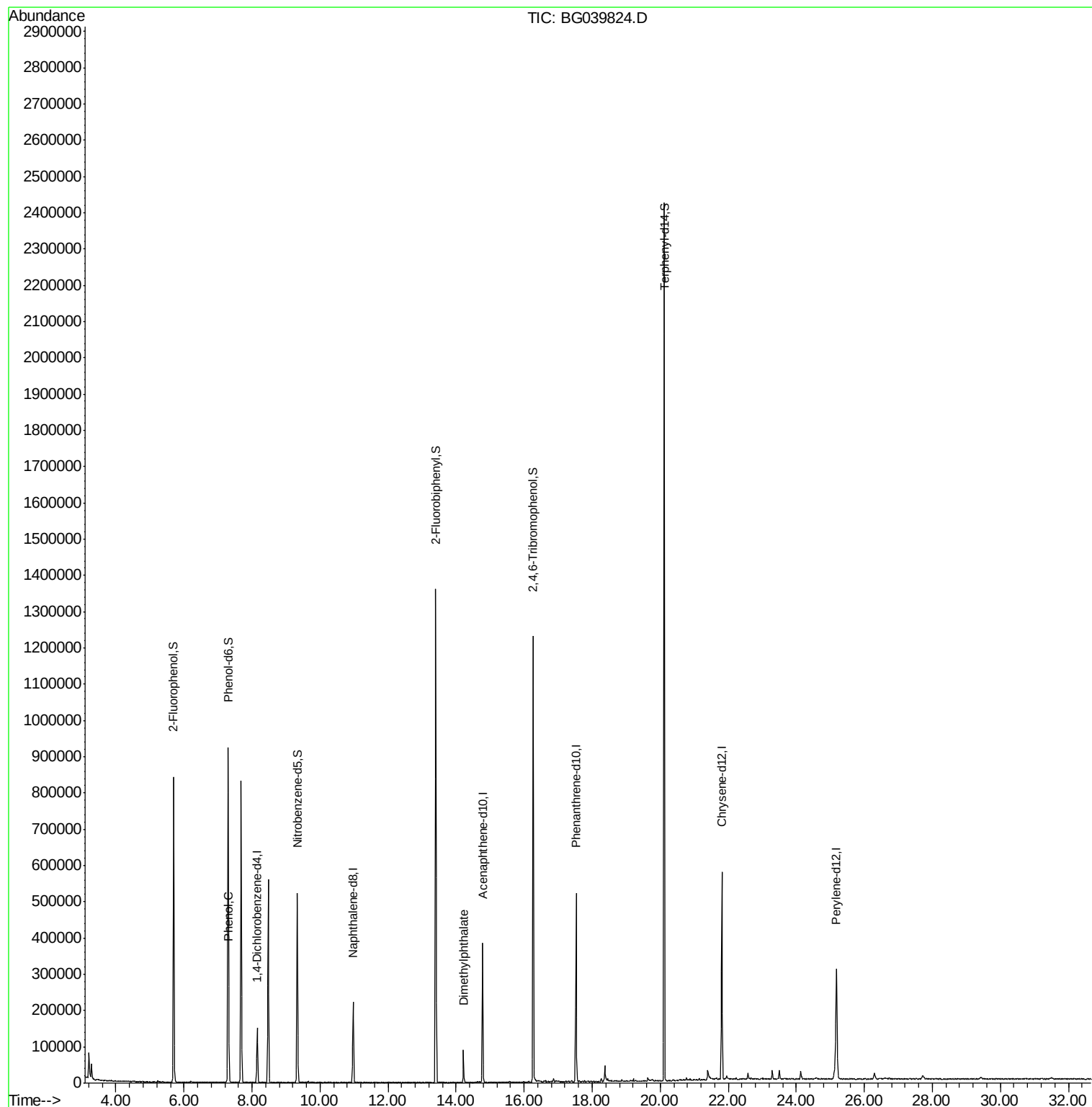
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	42012	20.00	ng	-0.02
21) Naphthalene-d8	10.98	136	195188	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	137705	20.00	ng	-0.01
64) Phenanthrene-d10	17.53	188	333889	20.00	ng	0.00
76) Chrysene-d12	21.81	240	349563	20.00	ng	-0.02
87) Perylene-d12	25.18	264	344333	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	348040	141.33	ng	-0.01
7) Phenol-d6	7.30	99	531287	144.69	ng	-0.01
23) Nitrobenzene-d5	9.33	82	306403	84.90	ng	-0.01
42) 2,4,6-Tribromophenol	16.26	330	208343	129.80	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	721245	74.57	ng	-0.01
79) Terphenyl-d14	20.12	244	1103285	69.49	ng	0.00
Target Compounds						
10) Phenol	7.32	94	8859	2.227	ng	74
50) Dimethylphthalate	14.22	163	57777	5.018	ng	99

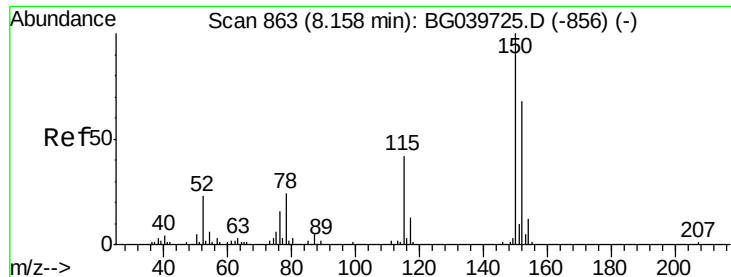
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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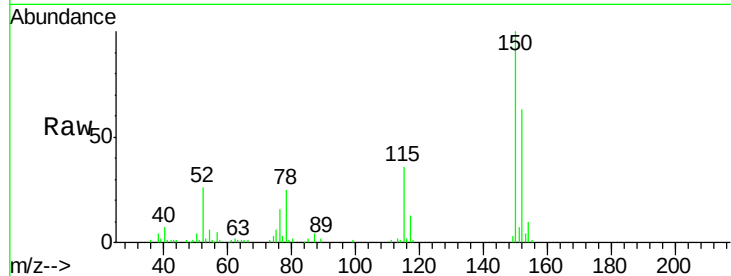


#1

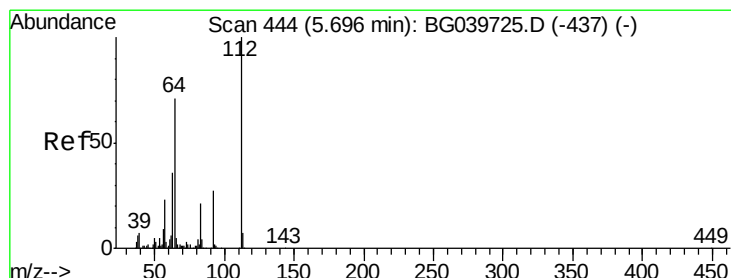
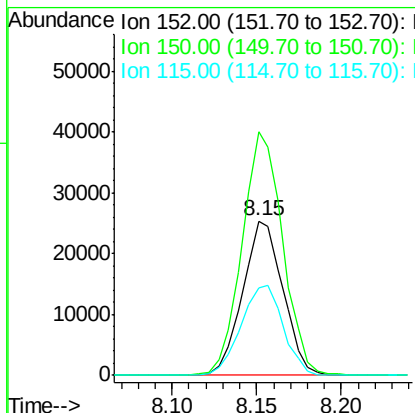
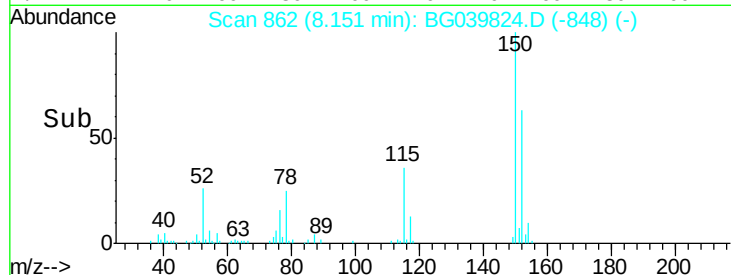
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039824.D
Acq: 8 Mar 2019 16:57

Instrument :
BNA_G
ClientSampled :
TP-5

Tgt Ion:152 Resp: 42012
Ion Ratio Lower Upper
152 100
150 157.6 123.7 185.5
115 57.0 45.9 68.9



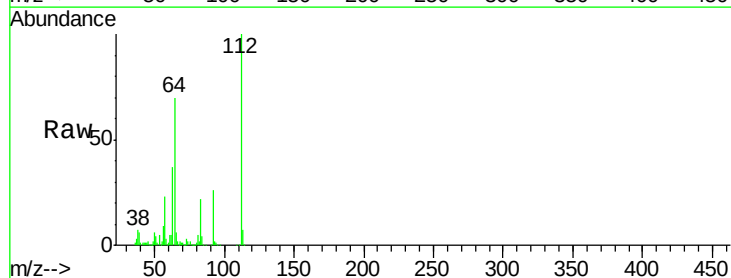
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



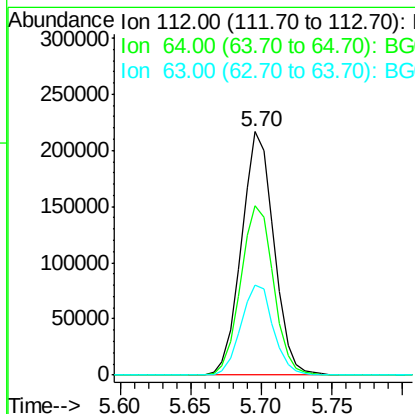
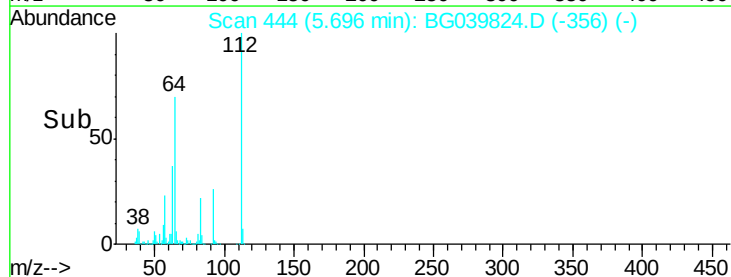
#5

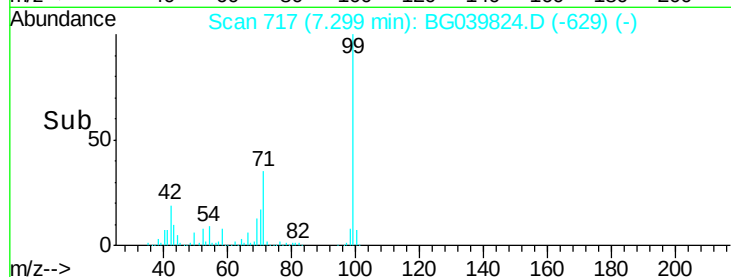
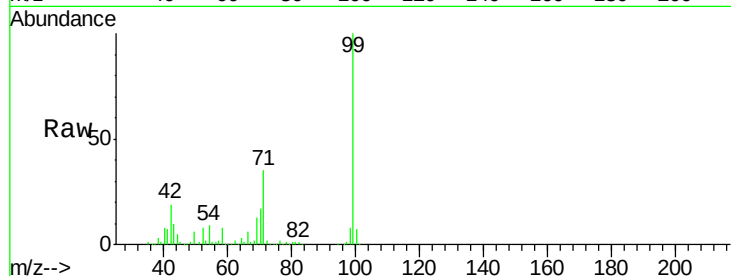
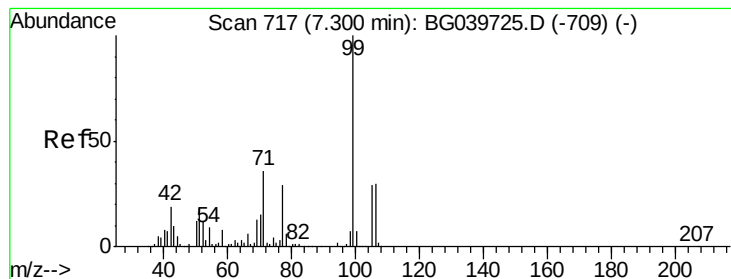
2-Fluorophenol
Concen: 141.331 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG039824.D
Acq: 8 Mar 2019 16:57

Tgt Ion:112 Resp: 348040
Ion Ratio Lower Upper
112 100
64 69.6 57.8 86.8
63 37.0 29.8 44.6



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: 144.691 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039824.D

Acq: 8 Mar 2019 16:57

Instrument :

BNA_G

ClientSampled :

TP-5

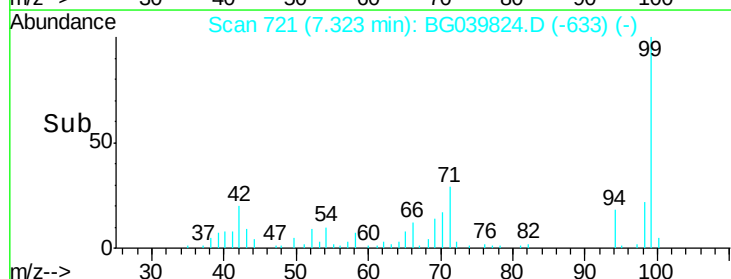
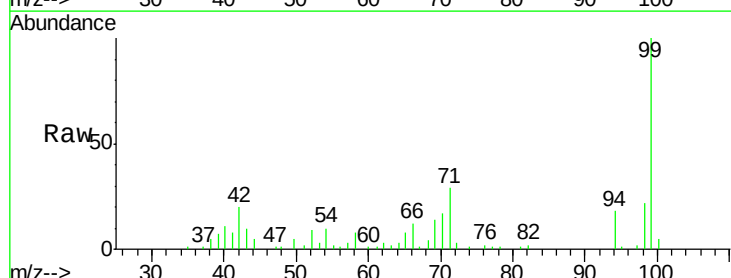
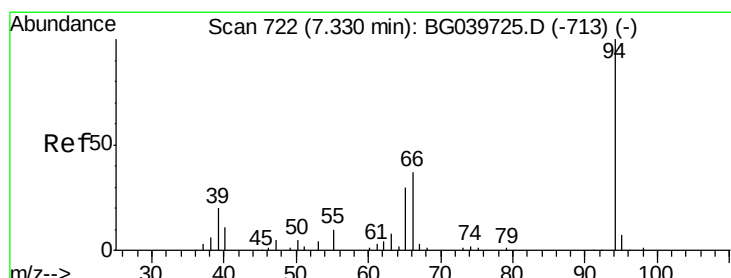
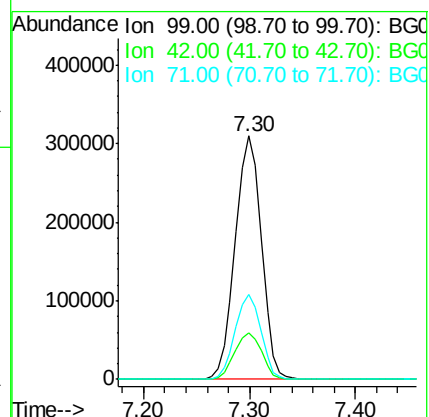
Tgt Ion: 99 Resp: 531287

Ion Ratio Lower Upper

99 100

42 19.3 18.2 27.2

71 34.7 28.0 42.0



#10

Phenol

Concen: 2.227 ng

RT: 7.32 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG039824.D

Acq: 8 Mar 2019 16:57

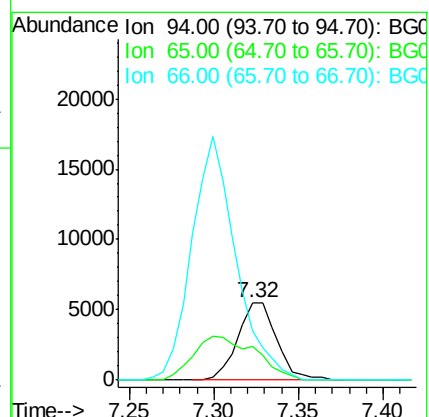
Tgt Ion: 94 Resp: 8859

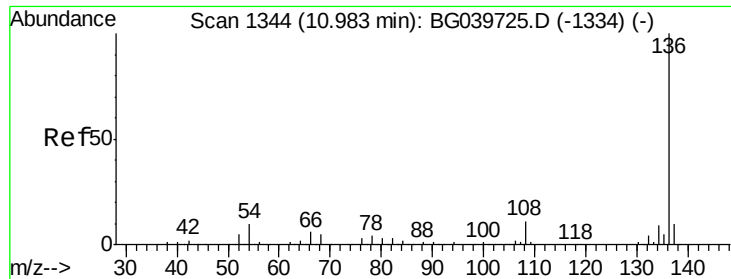
Ion Ratio Lower Upper

94 100

65 43.1 11.7 51.7

66 62.9 23.7 63.7

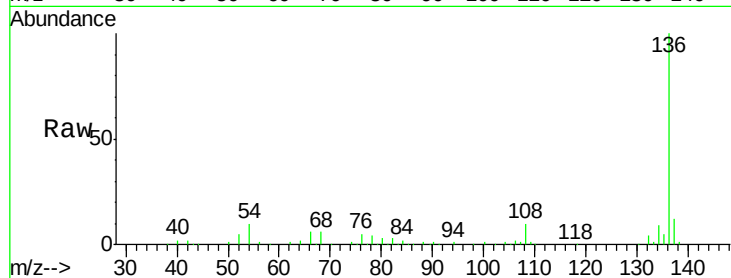




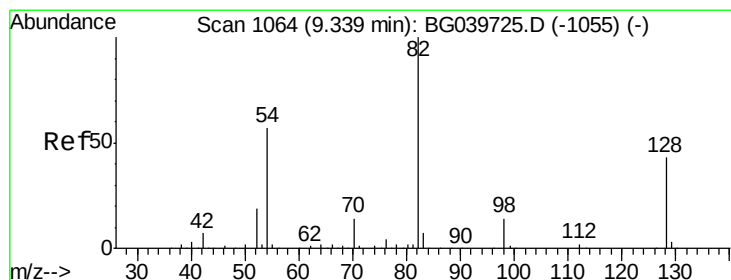
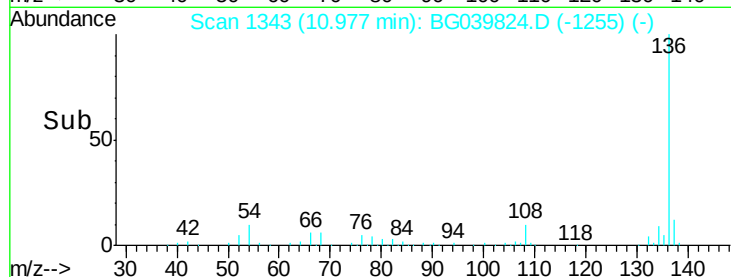
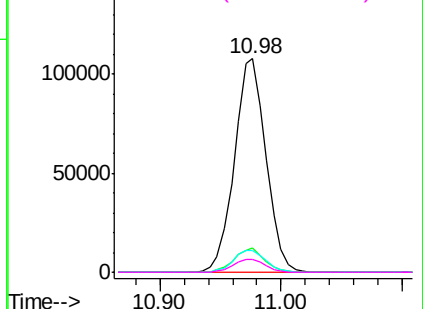
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039824.D
Acq: 8 Mar 2019 16:57

Instrument :
BNA_G
ClientSampleId :
TP-5

Tgt Ion:	136	Resp:	195188
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	10.2	9.4	14.2
68	6.0	4.2	6.4

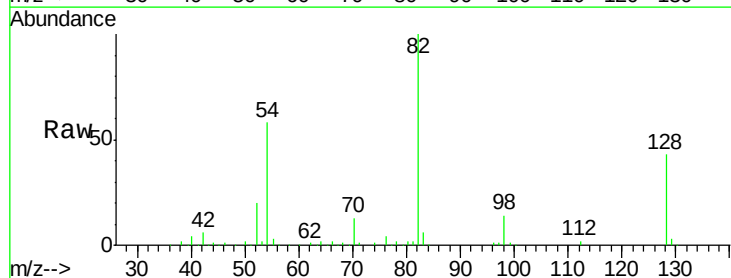


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

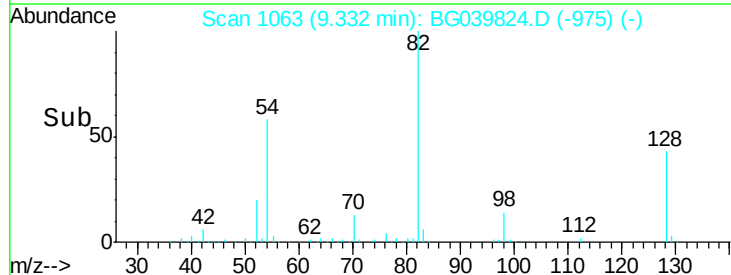
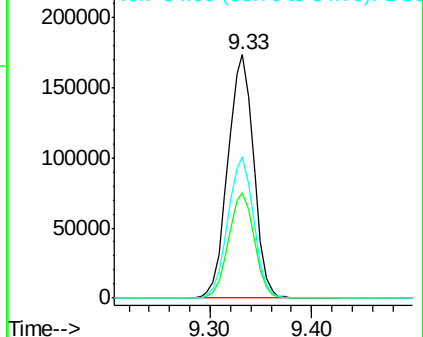


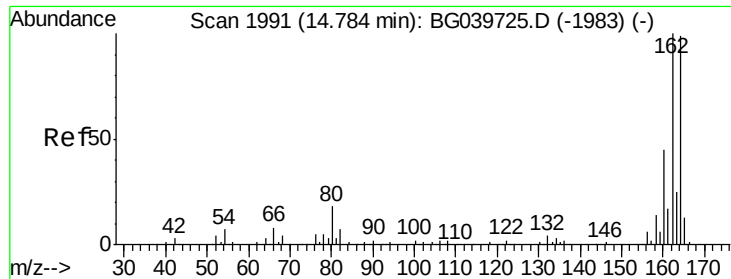
#23
Nitrobenzene-d5
Concen: 84.900 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039824.D
Acq: 8 Mar 2019 16:57

Tgt Ion:	82	Resp:	306403
Ion	Ratio	Lower	Upper
82	100		
128	43.3	31.3	46.9
54	57.7	50.9	76.3



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG039824.D

Acq: 8 Mar 2019 16:57

Instrument :

BNA_G

ClientSampleId :

TP-5

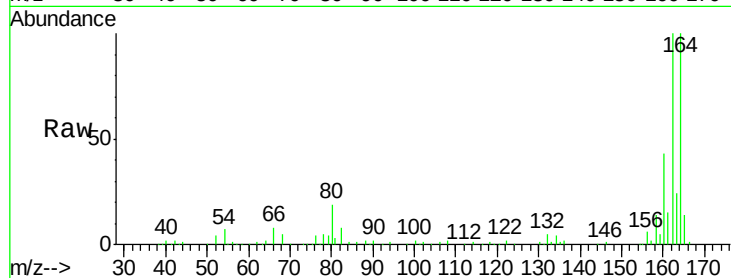
Tgt Ion:164 Resp: 137705

Ion Ratio Lower Upper

164 100

162 99.9 81.6 122.4

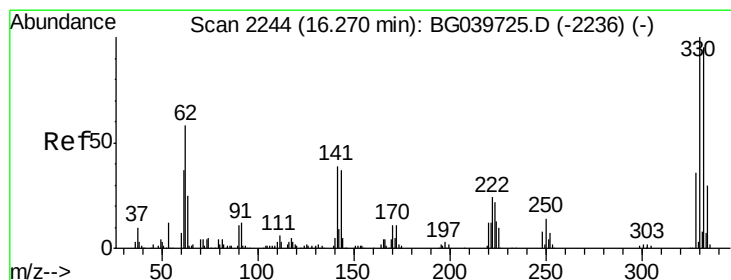
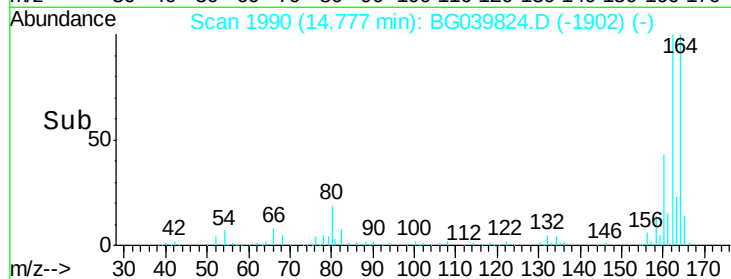
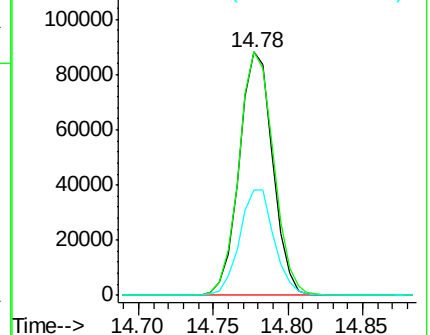
160 43.5 34.2 51.2



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: 129.804 ng

RT: 16.26 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BG039824.D

Acq: 8 Mar 2019 16:57

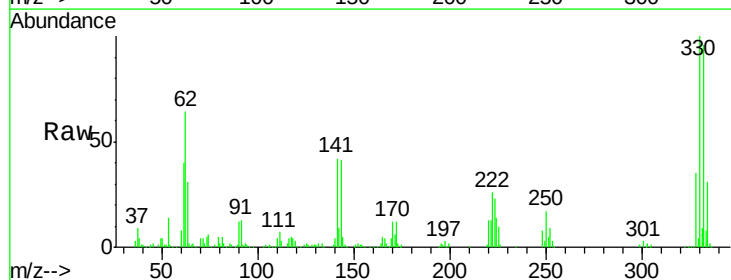
Tgt Ion:330 Resp: 208343

Ion Ratio Lower Upper

330 100

332 95.8 75.7 113.5

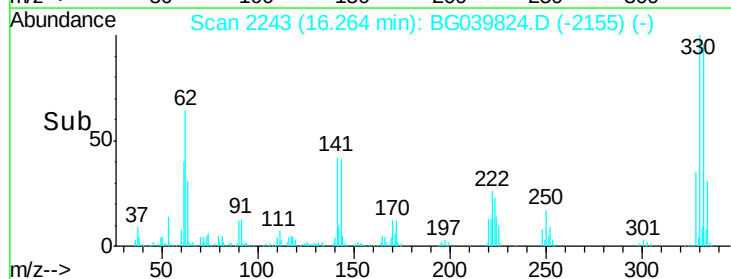
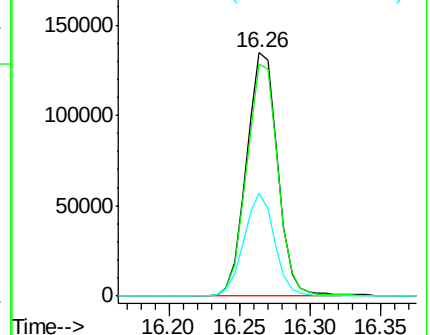
141 41.6 35.6 53.4

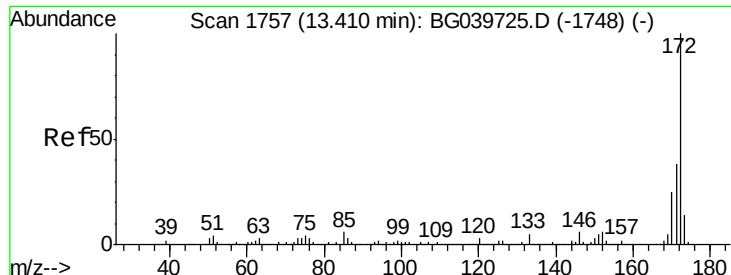


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

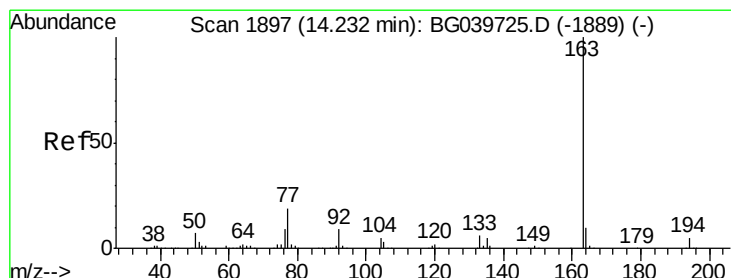
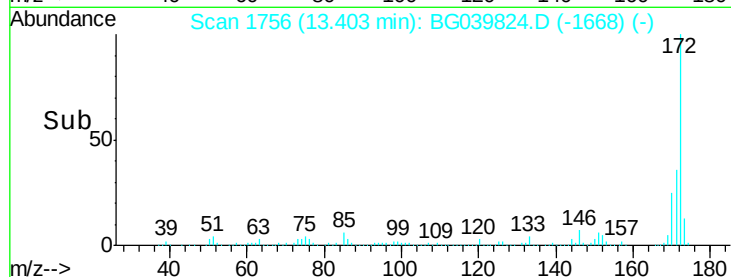
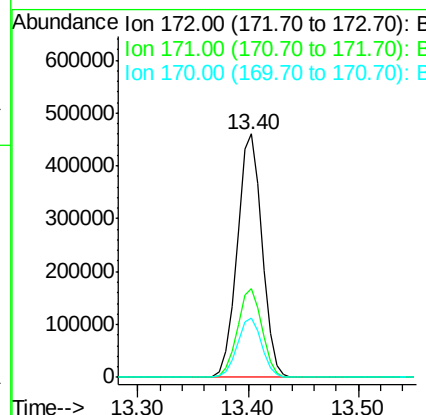
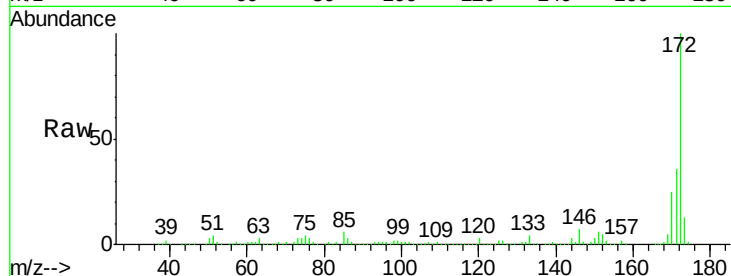




#45
2-Fluorobiphenyl
Concen: 74.575 ng
RT: 13.40 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG039824.D
Acq: 8 Mar 2019 16:57

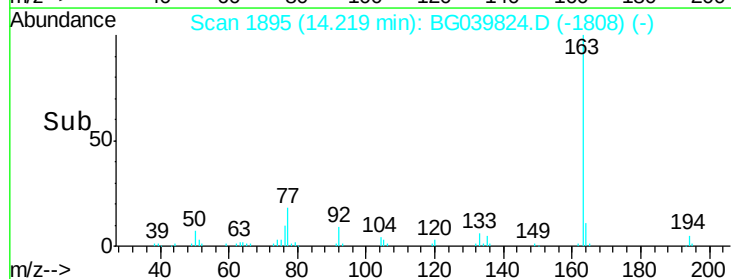
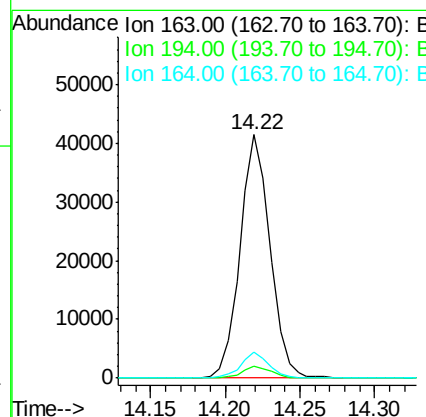
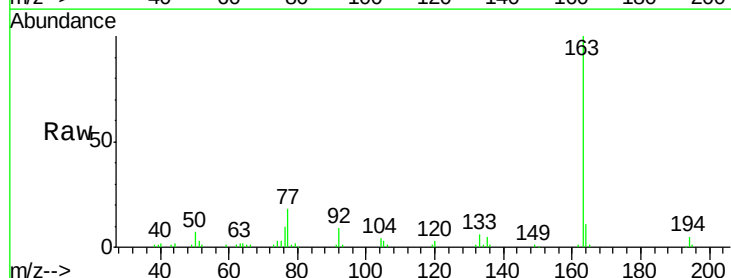
Instrument :
BNA_G
ClientSampleId :
TP-5

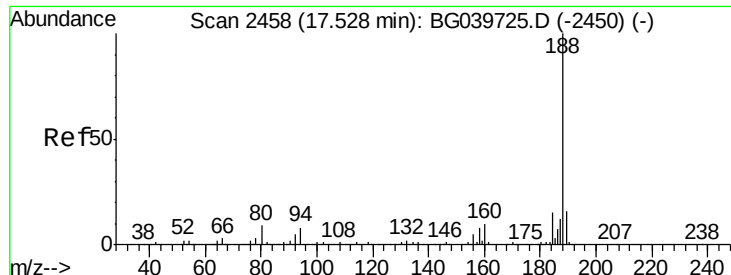
Tgt Ion:172 Resp: 721245
Ion Ratio Lower Upper
172 100
171 36.5 30.8 46.2
170 24.5 20.2 30.4



#50
Dimethylphthalate
Concen: 5.018 ng
RT: 14.22 min Scan# 1895
Delta R.T. -0.02 min
Lab File: BG039824.D
Acq: 8 Mar 2019 16:57

Tgt Ion:163 Resp: 57777
Ion Ratio Lower Upper
163 100
194 4.8 3.6 5.4
164 10.8 8.4 12.6

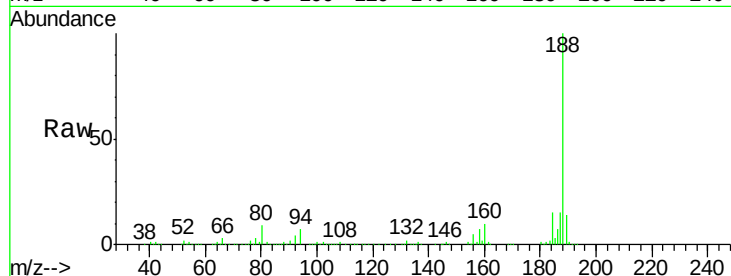




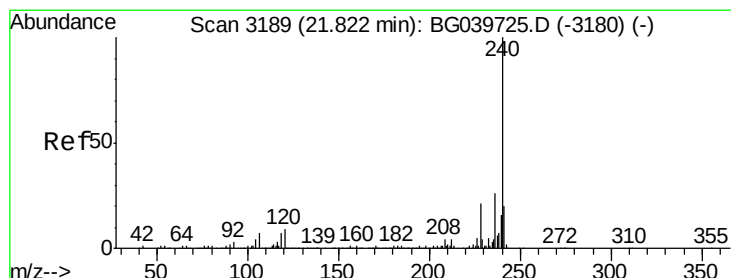
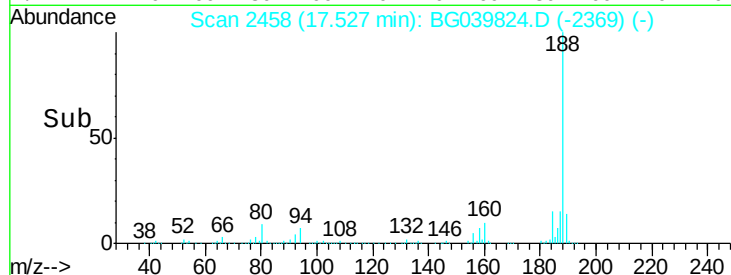
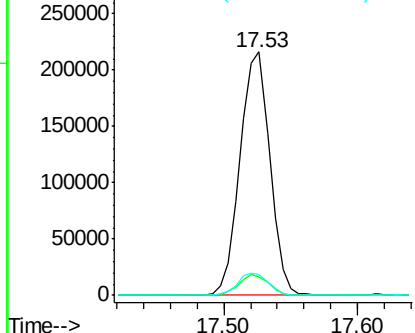
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG039824.D
Acq: 8 Mar 2019 16:57

Instrument :
BNA_G
ClientSampleId :
TP-5

Tgt Ion:188 Resp: 333889
Ion Ratio Lower Upper
188 100
94 7.3 6.9 10.3
80 8.6 8.1 12.1

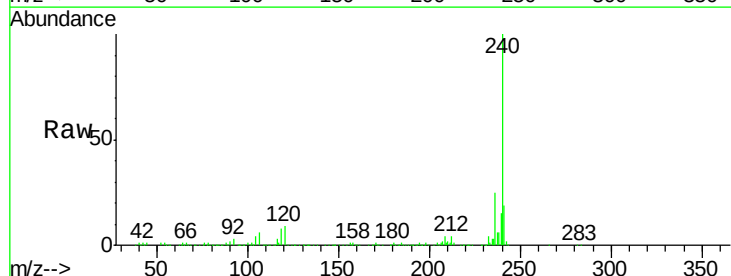


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

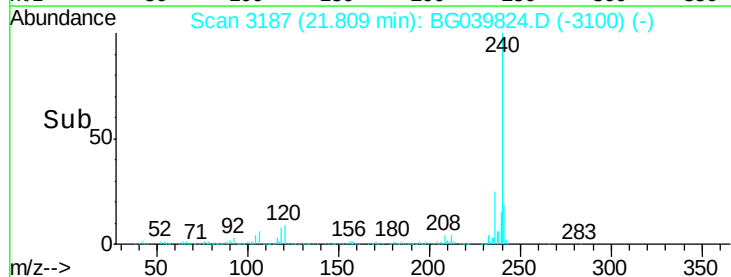
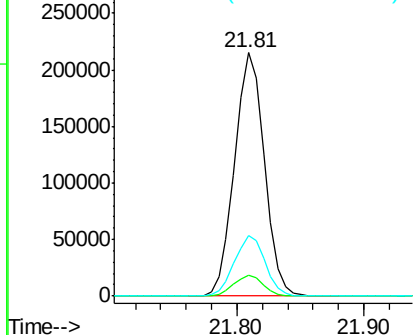


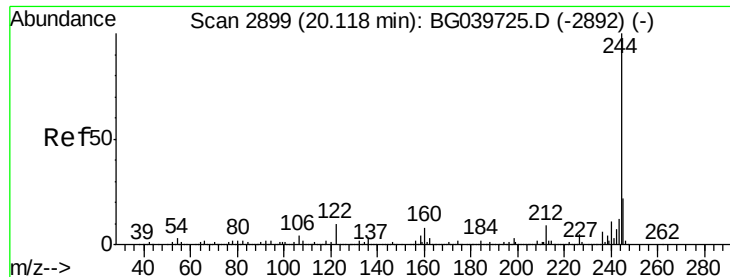
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.02 min
Lab File: BG039824.D
Acq: 8 Mar 2019 16:57

Tgt Ion:240 Resp: 349563
Ion Ratio Lower Upper
240 100
120 8.7 7.0 10.6
236 24.6 21.0 31.4



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





#79

Terphenyl-d14

Concen: 69.493 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039824.D

Acq: 8 Mar 2019 16:57

Instrument :

BNA_G

ClientSampleId :

TP-5

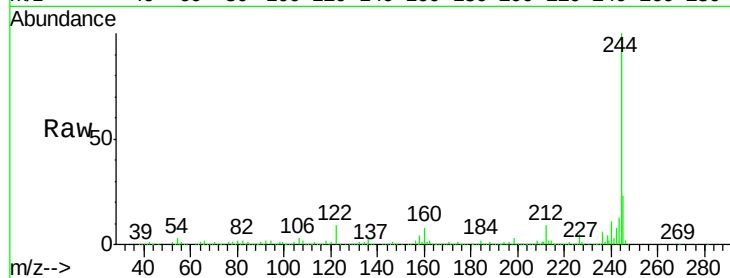
Tgt Ion:244 Resp: 1103285

Ion Ratio Lower Upper

244 100

212 9.0 7.3 10.9

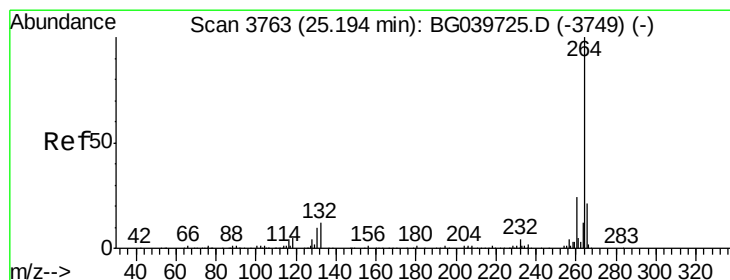
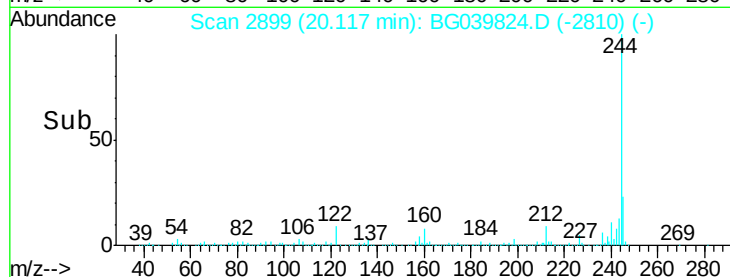
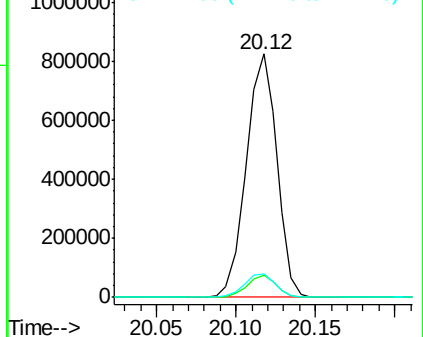
122 9.4 8.4 12.6



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: 25.18 min Scan# 3761

Delta R.T. -0.02 min

Lab File: BG039824.D

Acq: 8 Mar 2019 16:57

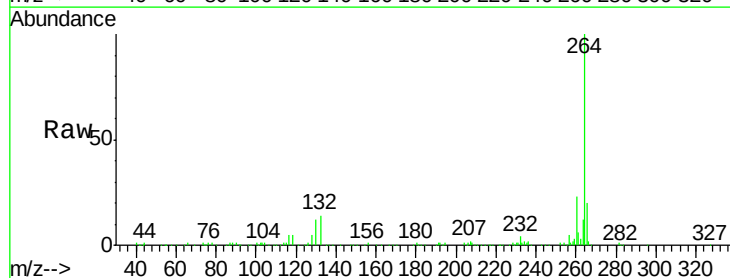
Tgt Ion:264 Resp: 344333

Ion Ratio Lower Upper

264 100

260 23.1 18.2 27.4

265 19.9 18.5 27.7



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

