

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021119\
 Data File : BG039438.D
 Acq On : 11 Feb 2019 17:33
 Operator : JU/SJ
 Sample : K1453-15
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 M-9-D

Quant Time: Feb 12 03:13:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

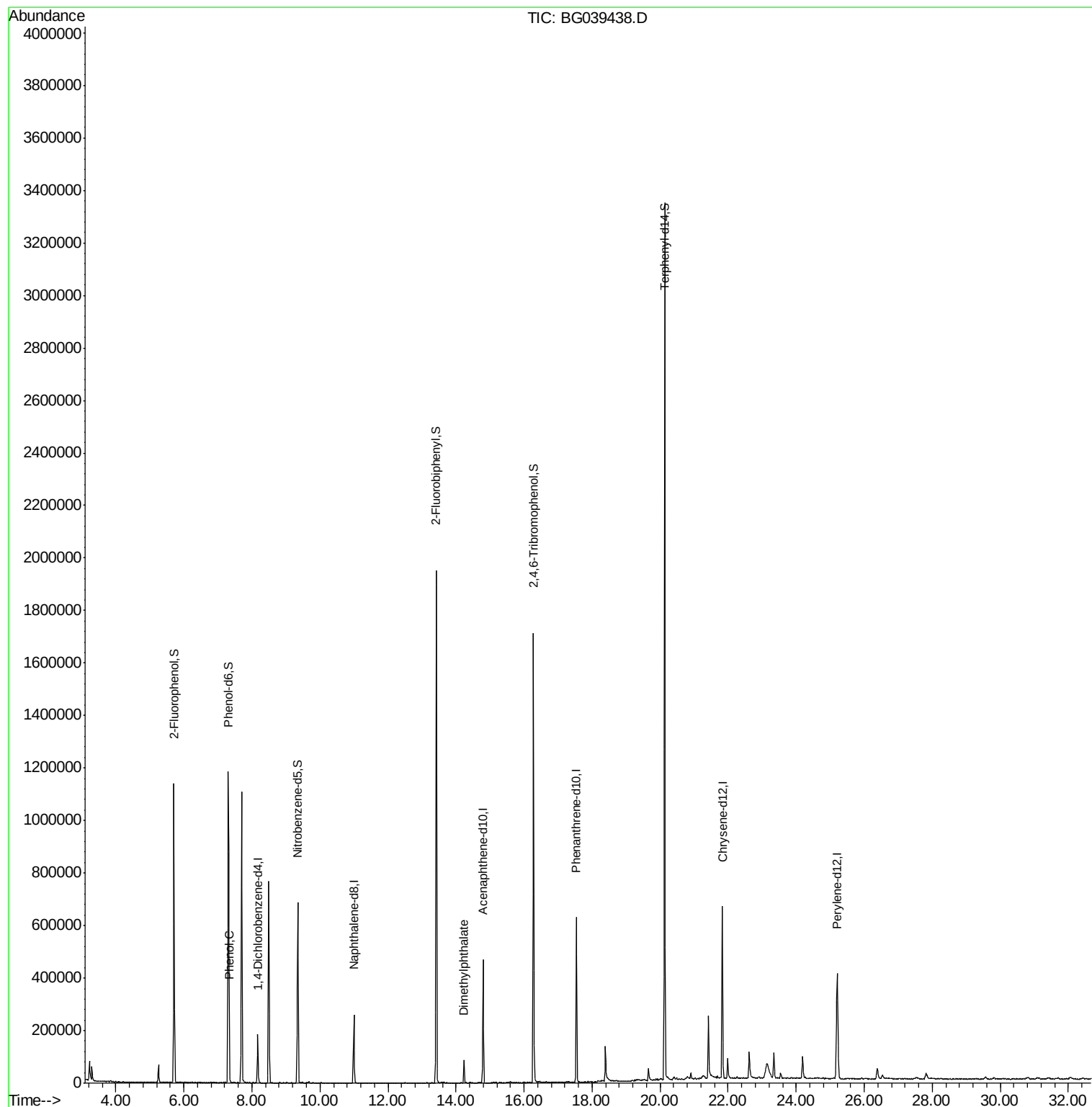
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	49386	20.00	ng	-0.01
21) Naphthalene-d8	11.00	136	230493	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	164993	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	403891	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	402462	20.00	ng	-0.02
87) Perylene-d12	25.21	264	409736	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	473994	164.27	ng	0.00
7) Phenol-d6	7.31	99	696705	164.03	ng	-0.01
23) Nitrobenzene-d5	9.35	82	401400	108.79	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	297660	167.54	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	1032963	89.81	ng	-0.01
79) Terphenyl-d14	20.13	244	1533697	80.66	ng	-0.02
Target Compounds						
10) Phenol	7.34	94	22184	5.010	ng	92
50) Dimethylphthalate	14.23	163	60195	4.517	ng	98

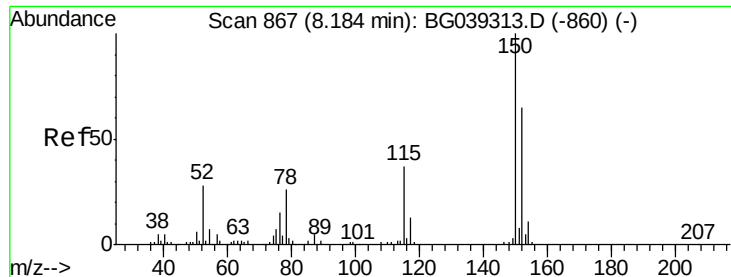
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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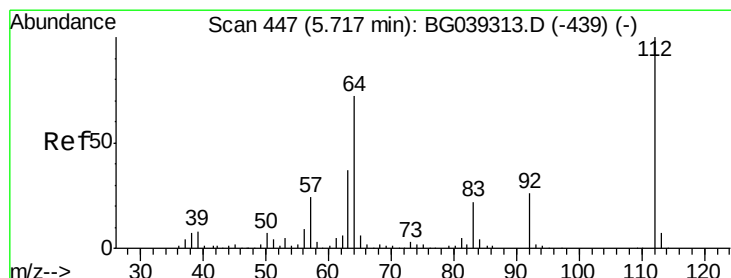
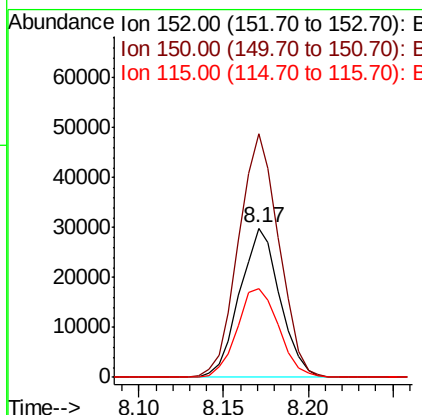
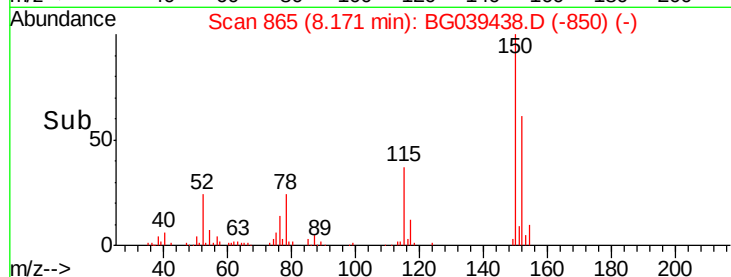
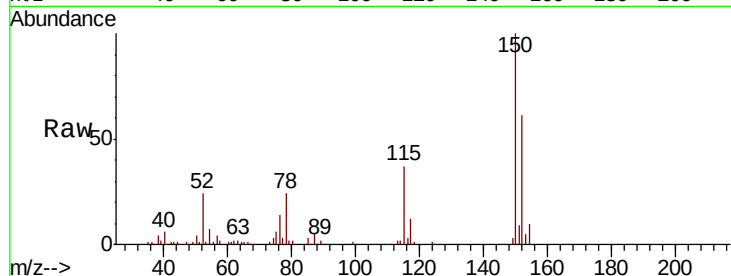


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039438.D
Acq: 11 Feb 2019 17:33

Instrument :
BNA_G
ClientSampled :
M-9-D

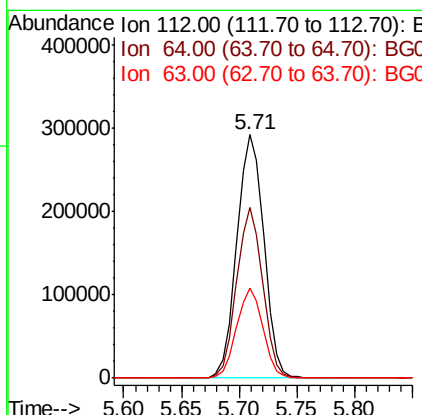
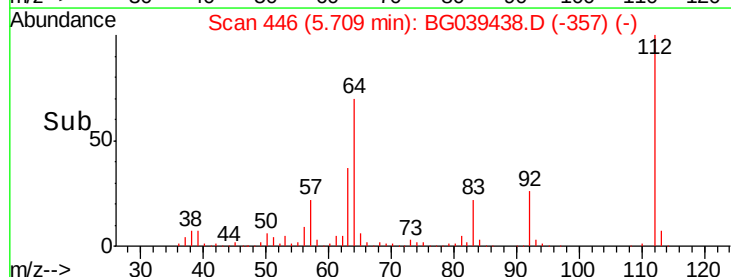
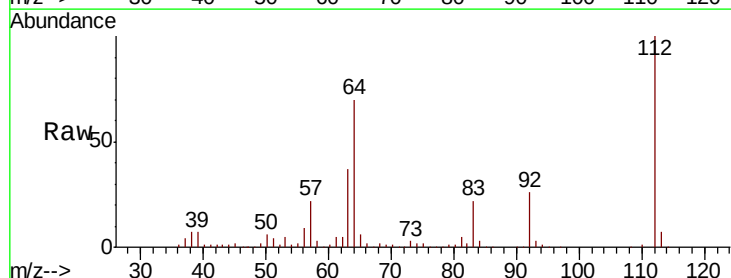
Tot Ion	Ratio	Lower	Upper
152	100		
150	162.9	123.7	185.5
115	59.8	45.9	68.9

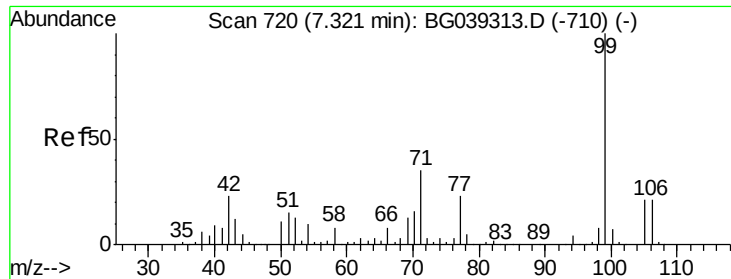


#5

2-Fluorophenol
Concen: 164.266 ng
RT: 5.71 min Scan# 446
Delta R.T. -0.01 min
Lab File: BG039438.D
Acq: 11 Feb 2019 17:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.1	57.8	86.8
63	36.8	29.8	44.6





#7

Phenol-d6

Concen: 164.030 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG039438.D

Acq: 11 Feb 2019 17:33

Instrument :

BNA_G

ClientSampleId :

M-9-D

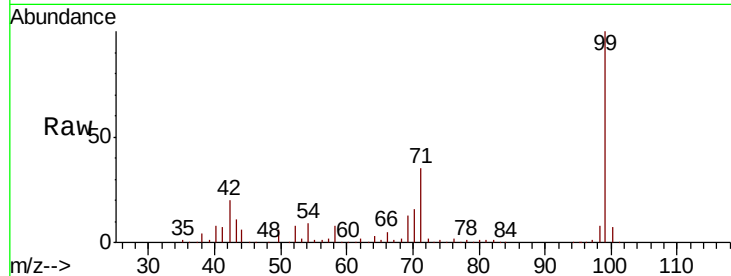
Tot Ion: 99 Resp: 696705

Ion Ratio Lower Upper

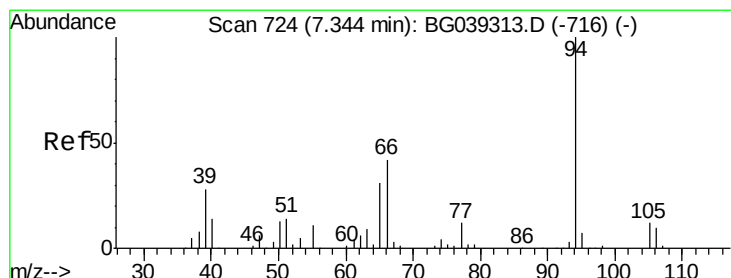
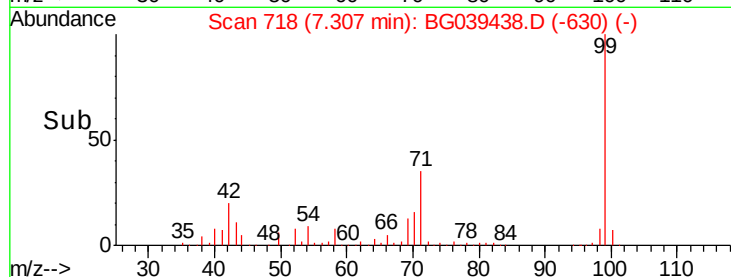
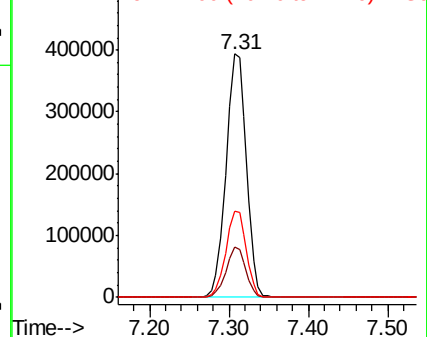
99 100

42 20.4 18.2 27.2

71 35.3 28.0 42.0



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: 5.010 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BG039438.D

Acq: 11 Feb 2019 17:33

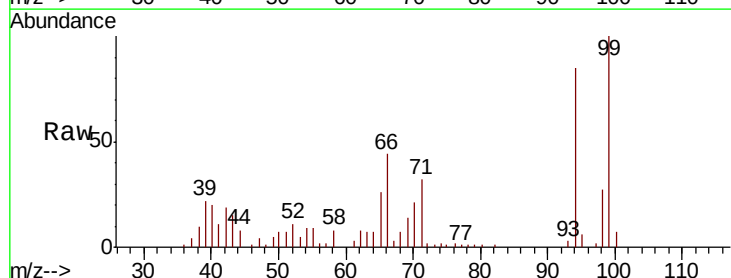
Tgt Ion: 94 Resp: 22184

Ion Ratio Lower Upper

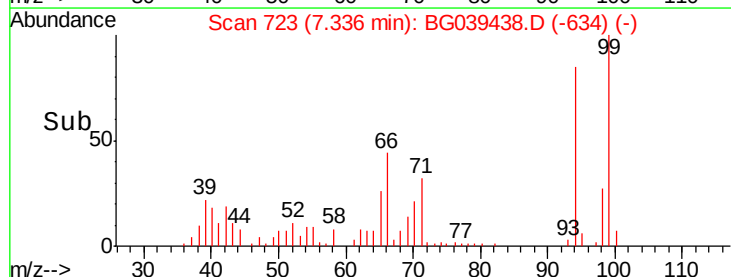
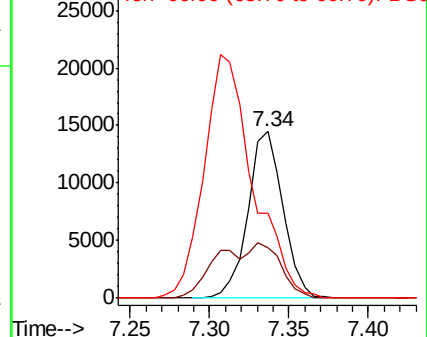
94 100

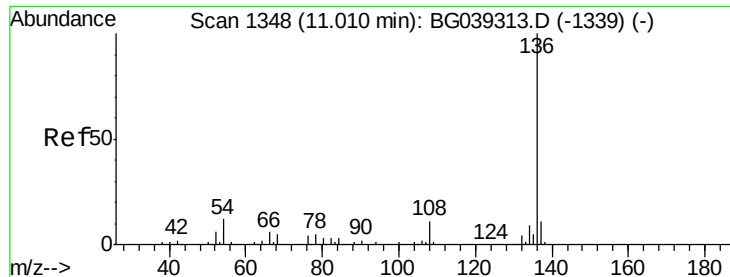
65 30.5 11.7 51.7

66 51.4 23.7 63.7



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

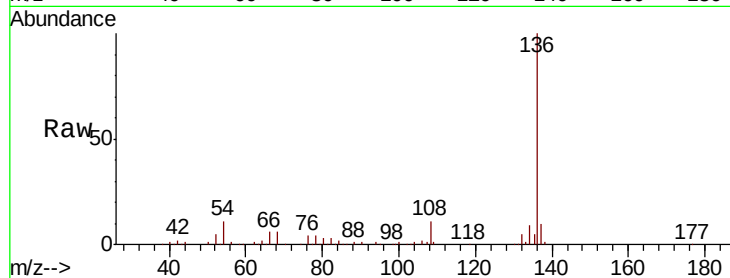




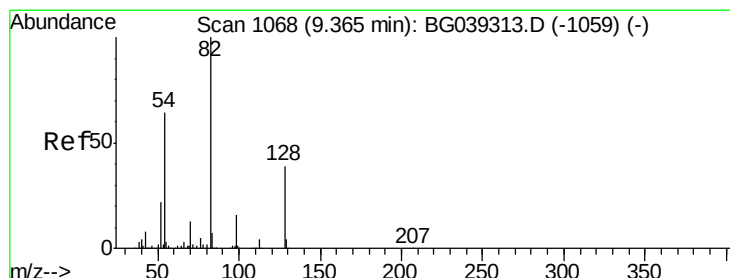
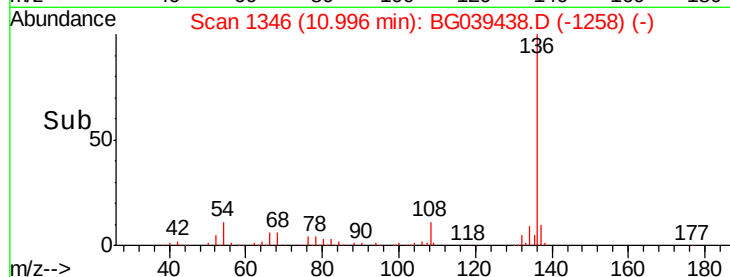
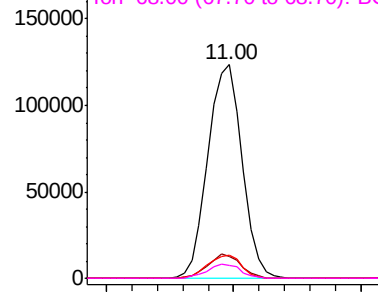
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG039438.D
Acq: 11 Feb 2019 17:33

Instrument :
BNA_G
ClientSampleId :
M-9-D

Tot Ion:136	Resp:	230493	
Ion Ratio	Lower	Upper	
136 100			
137 10.2	9.1	13.7	
54 10.7	9.4	14.2	
68 6.0	4.2	6.4	

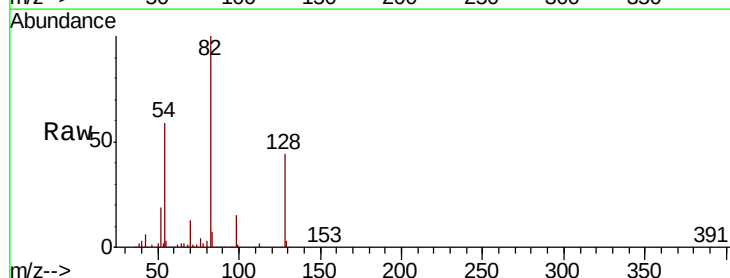


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

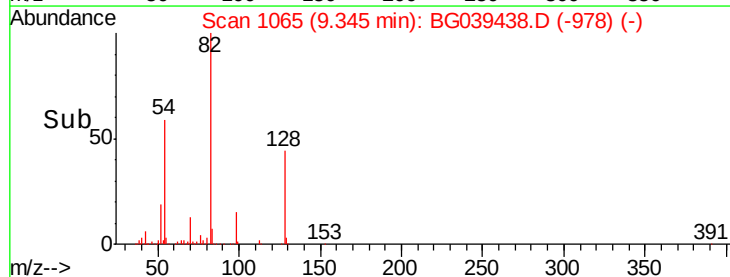
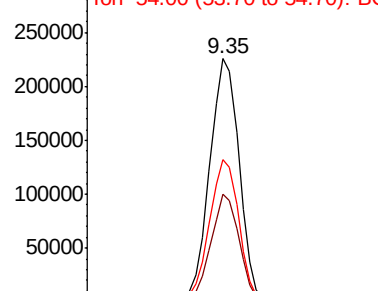


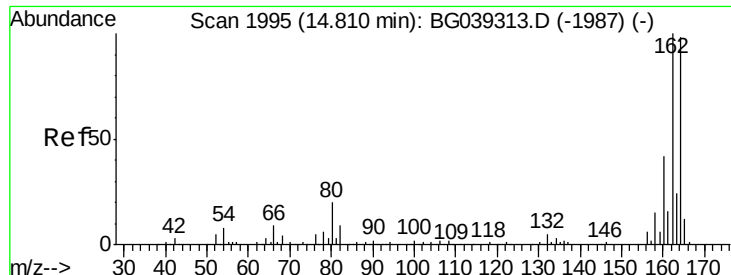
#23
Nitrobenzene-d5
Concen: 108.793 ng
RT: 9.35 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039438.D
Acq: 11 Feb 2019 17:33

Tgt	Ion: 82	Resp:	401400
Ion	Ratio	Lower	Upper
82	100		
128	44.3	31.3	46.9
54	58.8	50.9	76.3



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: 14.80 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BG039438.D

Acq: 11 Feb 2019 17:33

Instrument :

BNA_G

ClientSampleId :

M-9-D

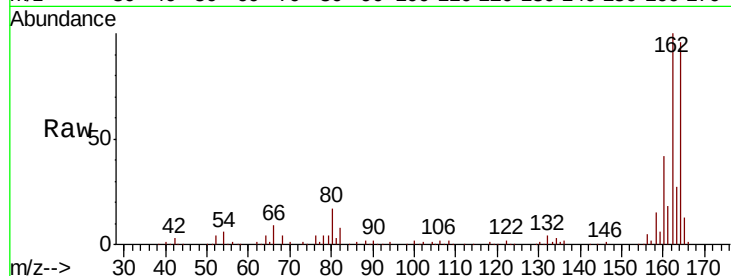
Tot Ion:164 Resp: 164993

Ion Ratio Lower Upper

164 100

162 104.2 81.6 122.4

160 44.3 34.2 51.2

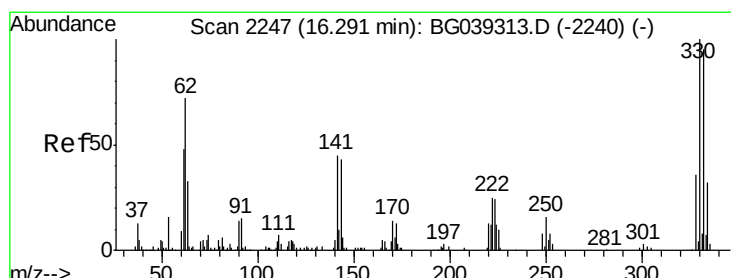
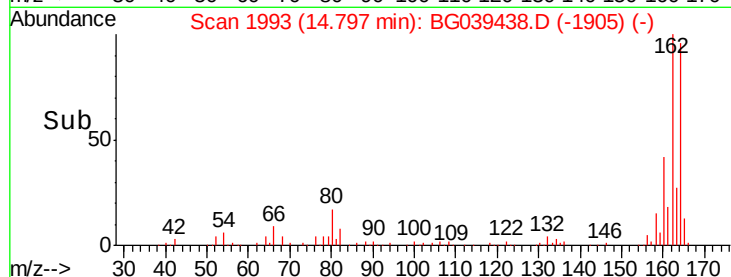
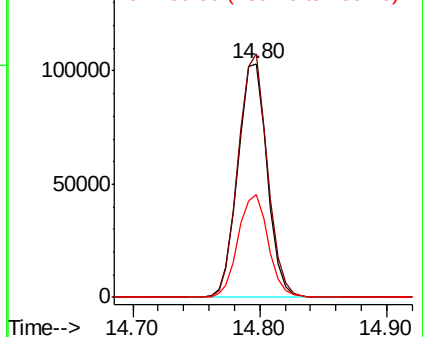


Abundance

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: 167.536 ng

RT: 16.28 min Scan# 2245

Delta R.T. -0.01 min

Lab File: BG039438.D

Acq: 11 Feb 2019 17:33

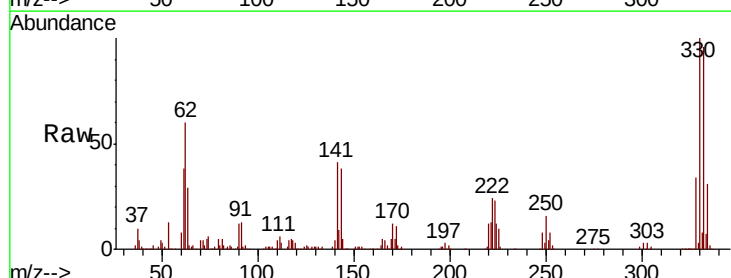
Tgt Ion:330 Resp: 297660

Ion Ratio Lower Upper

330 100

332 95.8 75.7 113.5

141 40.0 35.6 53.4

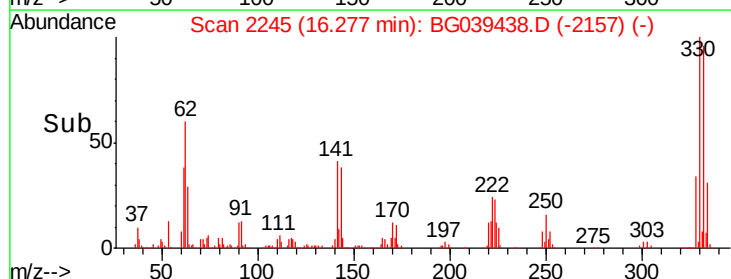
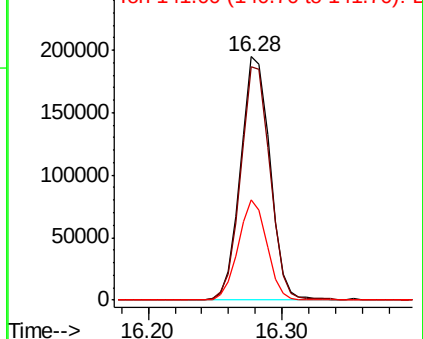


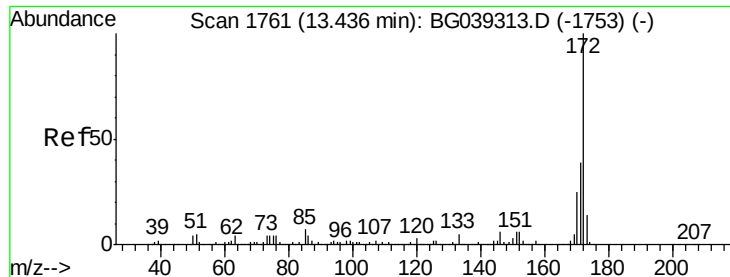
Abundance

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

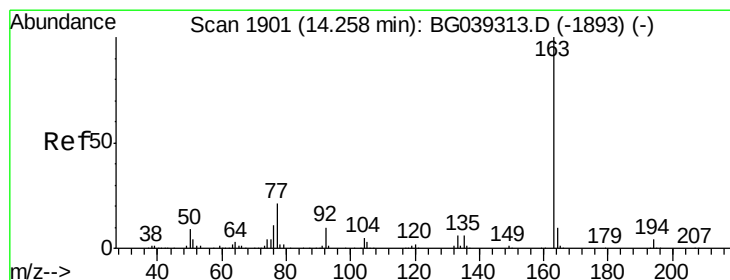
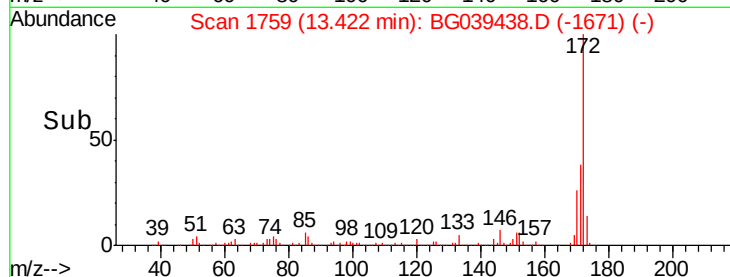
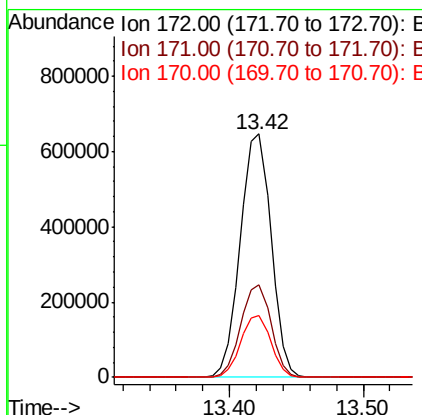
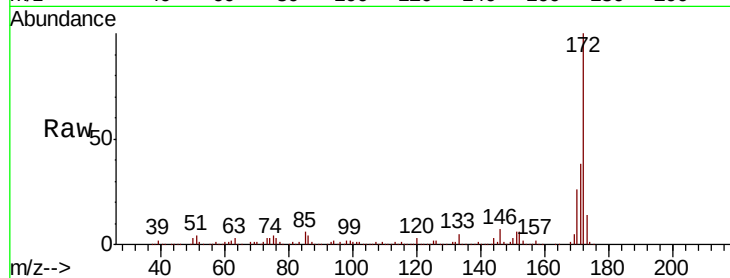




#45
2-Fluorobiphenyl
Concen: 89.812 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BG039438.D
Acq: 11 Feb 2019 17:33

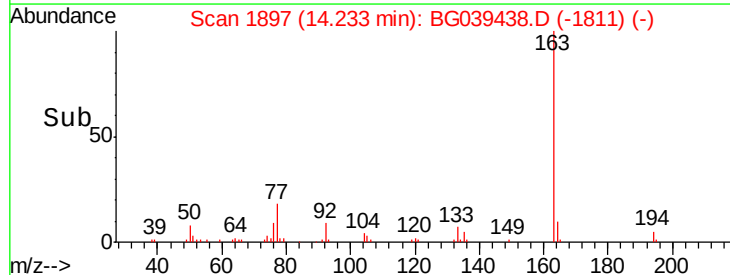
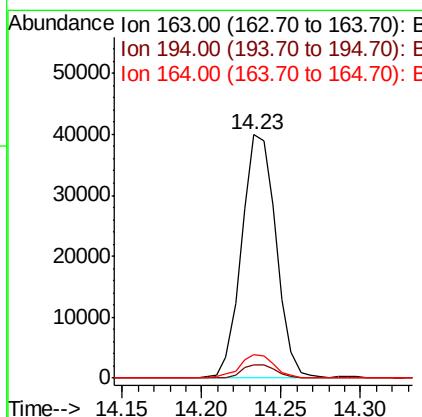
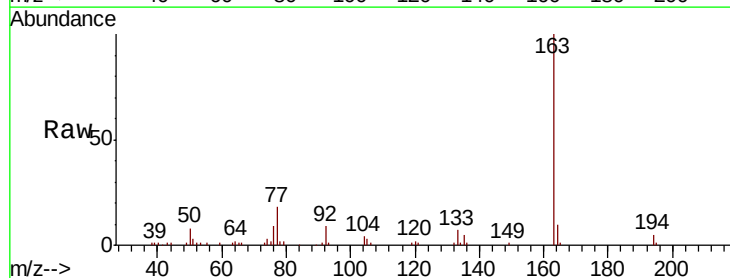
Instrument :
BNA_G
ClientSampleId :
M-9-D

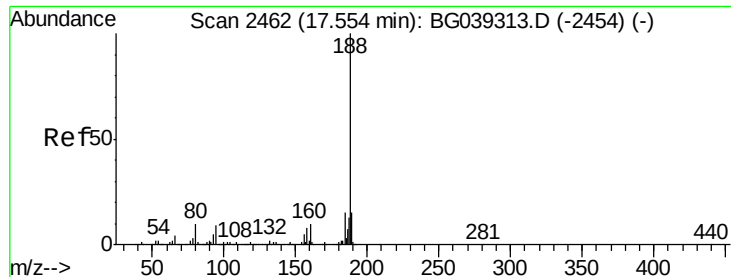
Tot Ion:172 Resp: 1032963
Ion Ratio Lower Upper
172 100
171 38.2 30.8 46.2
170 25.6 20.2 30.4



#50
Dimethylphthalate
Concen: 4.517 ng
RT: 14.23 min Scan# 1897
Delta R.T. -0.03 min
Lab File: BG039438.D
Acq: 11 Feb 2019 17:33

Tgt Ion:163 Resp: 60195
Ion Ratio Lower Upper
163 100
194 5.2 3.6 5.4
164 9.7 8.4 12.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.54 min Scan# 2460

Delta R.T. -0.01 min

Lab File: BG039438.D

Acq: 11 Feb 2019 17:33

Instrument :

BNA_G

ClientSampleId :

M-9-D

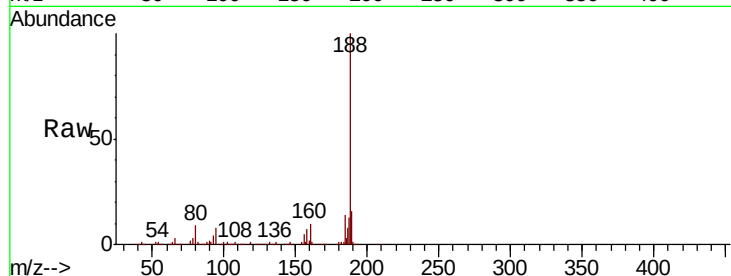
Tot Ion:188 Resp: 403891

Ion Ratio Lower Upper

188 100

94 7.7 6.9 10.3

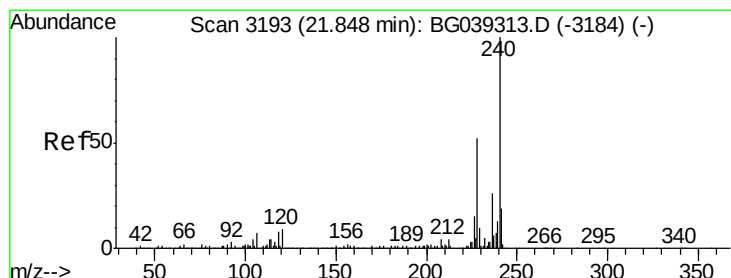
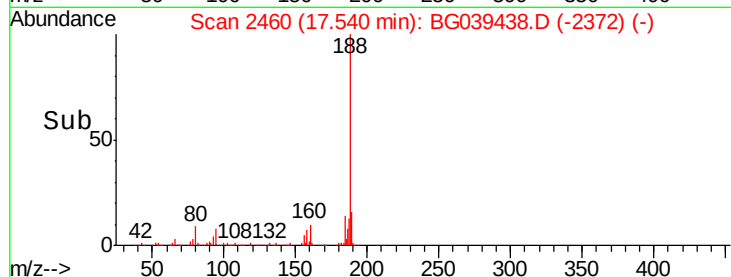
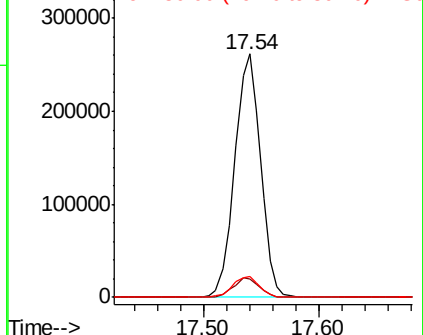
80 8.6 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3190

Delta R.T. -0.02 min

Lab File: BG039438.D

Acq: 11 Feb 2019 17:33

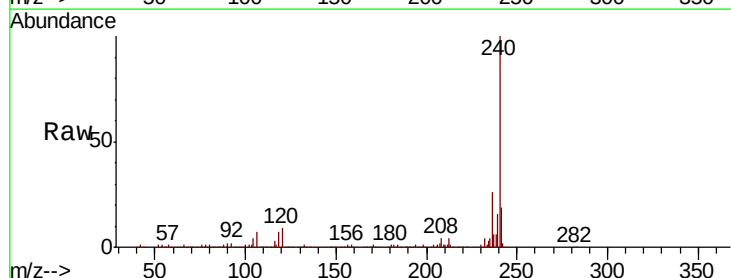
Tgt Ion:240 Resp: 402462

Ion Ratio Lower Upper

240 100

120 8.5 7.0 10.6

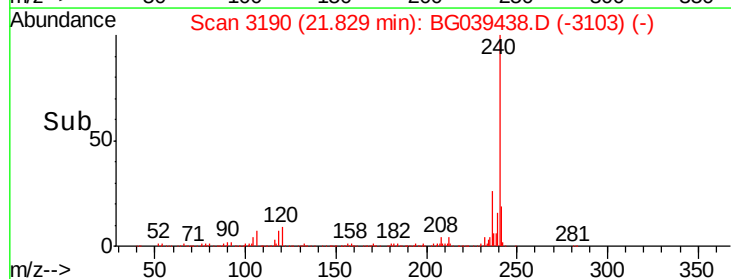
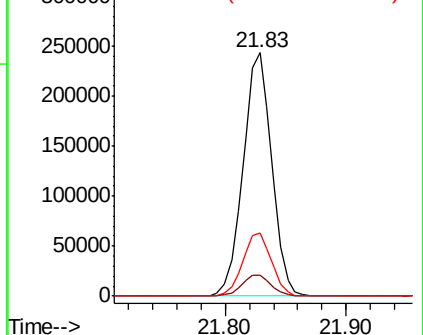
236 26.0 21.0 31.4

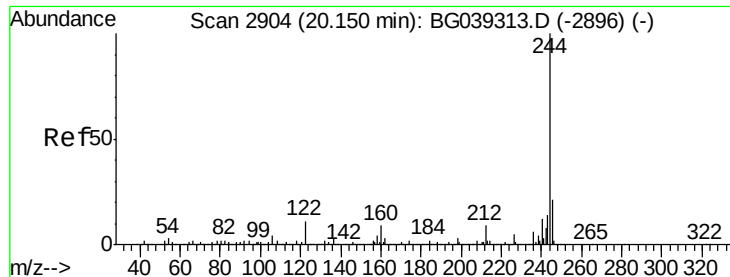


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 80.662 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039438.D

Acq: 11 Feb 2019 17:33

Instrument :

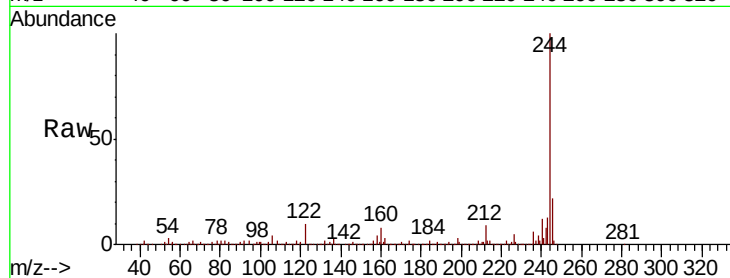
BNA_G

ClientSampled :

M-9-D

Tot Ion:244 Resp: 1533697

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.3	10.9
122	10.3	8.4	12.6

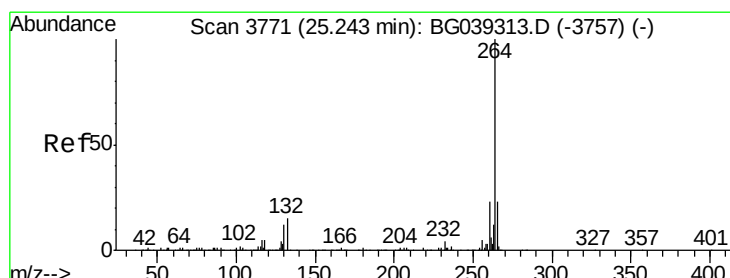
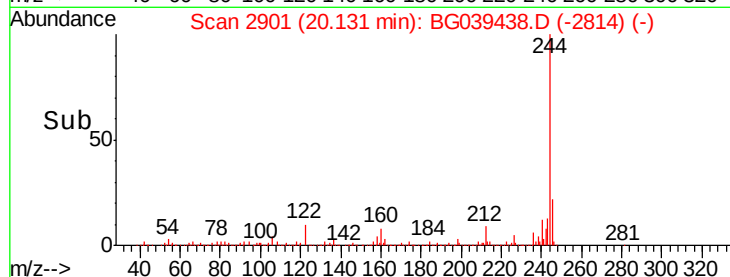
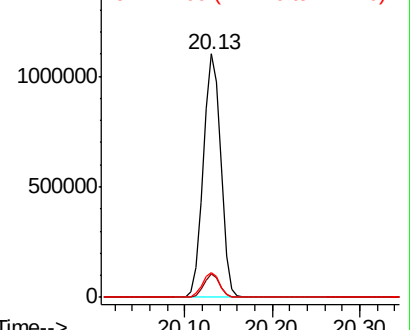


Abundance

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: 25.21 min Scan# 3765

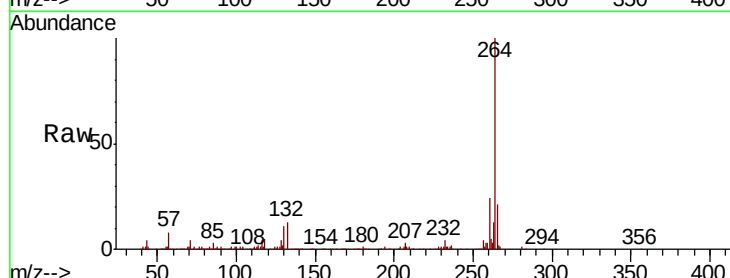
Delta R.T. -0.04 min

Lab File: BG039438.D

Acq: 11 Feb 2019 17:33

Tgt Ion:264 Resp: 409736

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.4
265	21.3	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

