

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020719\
 Data File : BG039389.D
 Acq On : 7 Feb 2019 19:38
 Operator : JU/SJ
 Sample : K1392-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-9

Quant Time: Feb 09 00:09:59 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

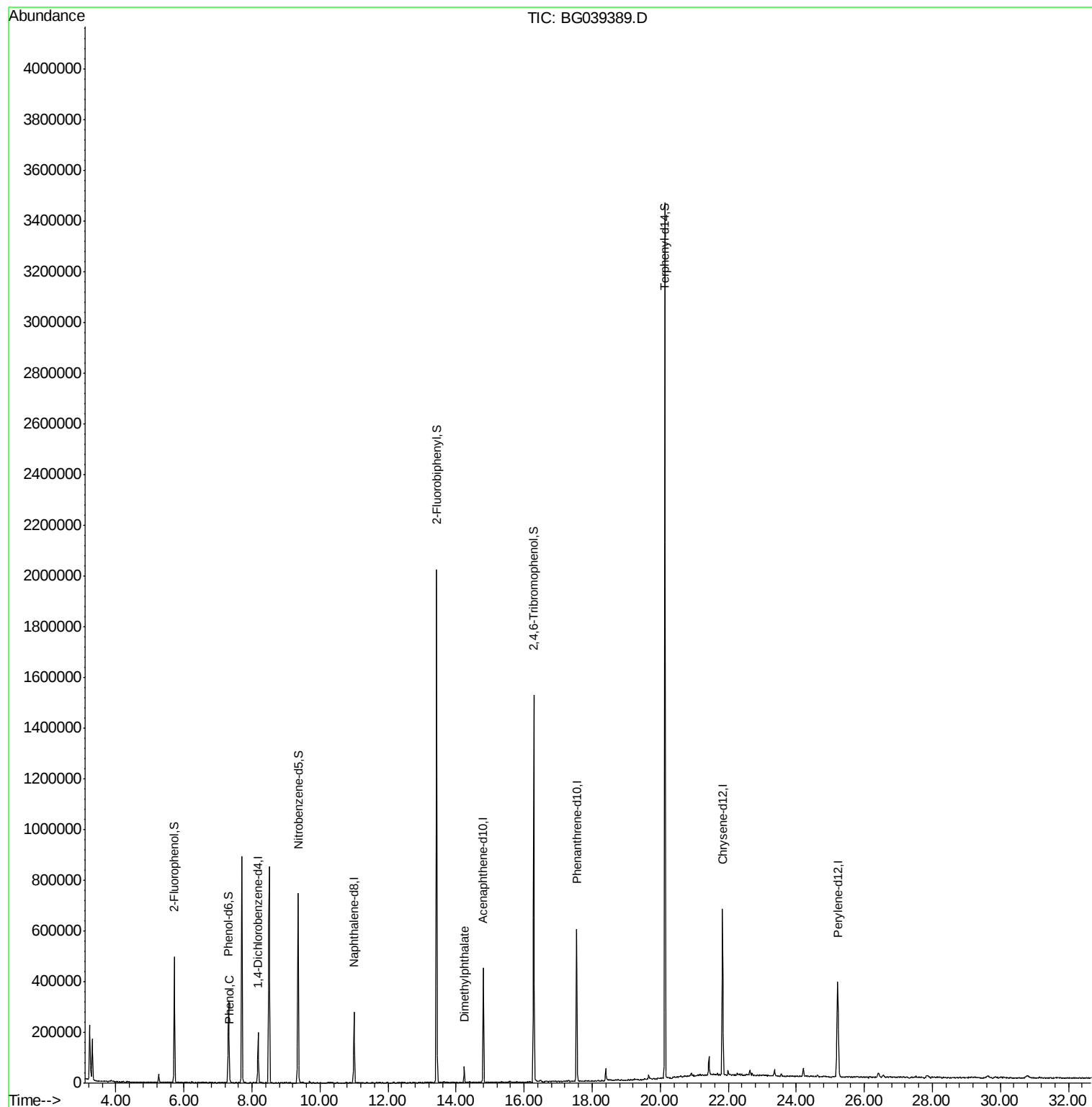
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	56176	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	239782	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	159453	20.00	ng	0.00
64) Phenanthrene-d10	17.54	188	379634	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	389889	20.00	ng	-0.02
87) Perylene-d12	25.22	264	399617	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	206612	62.95	ng	0.00
7) Phenol-d6	7.31	99	183792	38.04	ng	-0.01
23) Nitrobenzene-d5	9.35	82	439838	114.59	ng	0.00
42) 2,4,6-Tribromophenol	16.29	330	262211	152.71	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	1051634	94.61	ng	-0.01
79) Terphenyl-d14	20.13	244	1605701	87.17	ng	-0.02
Target Compounds						
10) Phenol	7.34	94	13613	2.703	ng	89
50) Dimethylphthalate	14.24	163	39765	3.088	ng	98

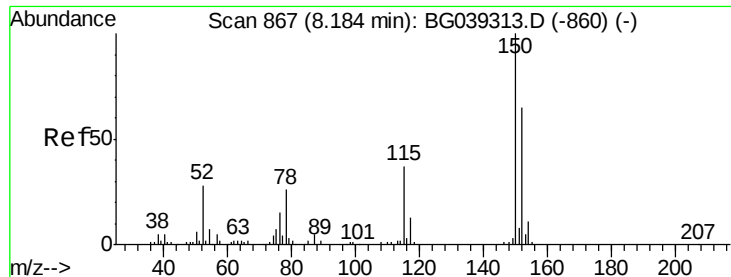
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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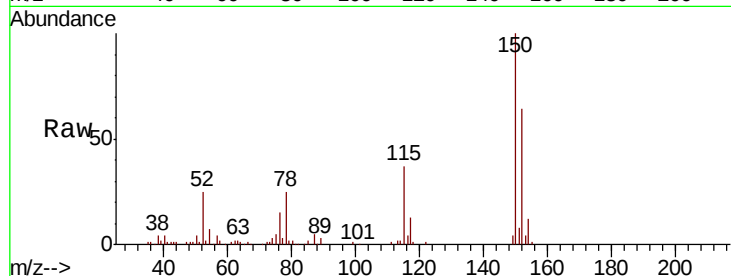


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 867
Delta R.T. -0.00 min
Lab File: BG039389.D
Acq: 7 Feb 2019 19:38

Instrument :
BNA_G
ClientSampleId :
MW-9

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	123.7	185.5
115	58.7	45.9	68.9

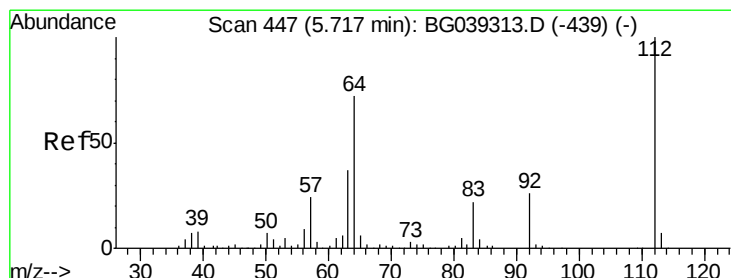
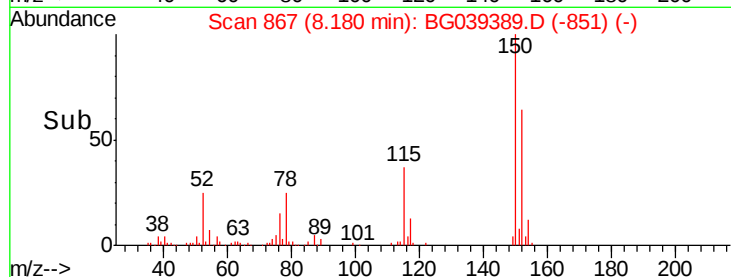
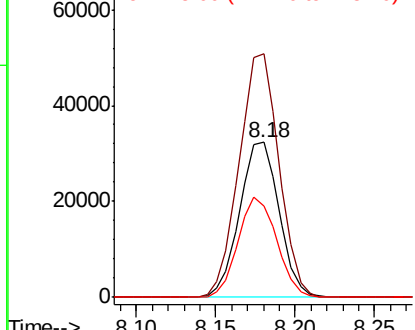


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

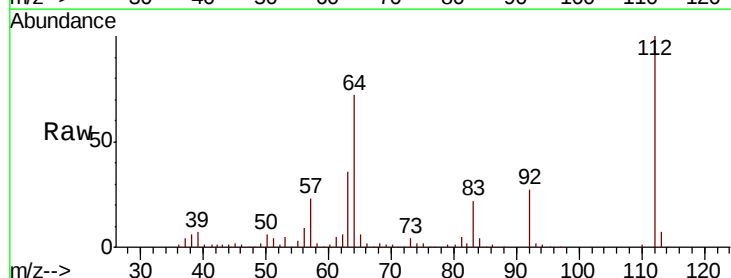
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 62.948 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039389.D
Acq: 7 Feb 2019 19:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.8	57.8	86.8
63	36.3	29.8	44.6

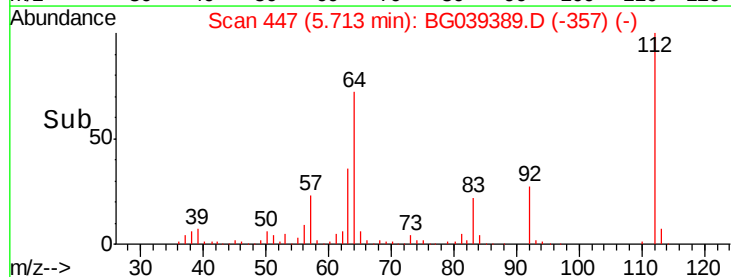
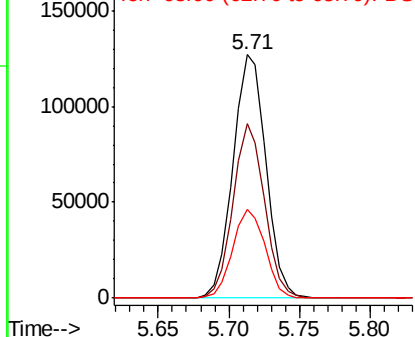


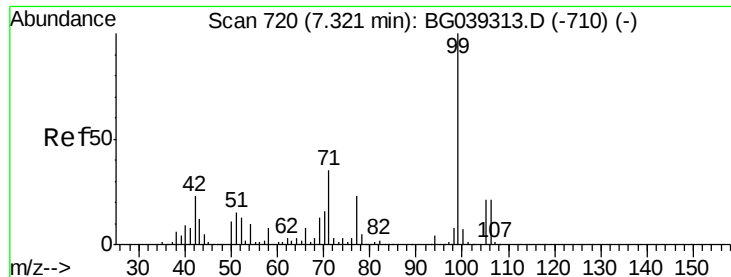
Abundance

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: 38.041 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039389.D

Acq: 7 Feb 2019 19:38

Instrument :

BNA_G

ClientSampled :

MW-9

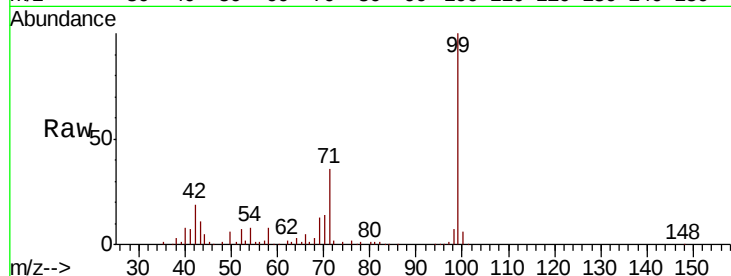
Tot Ion: 99 Resp: 183792

Ion Ratio Lower Upper

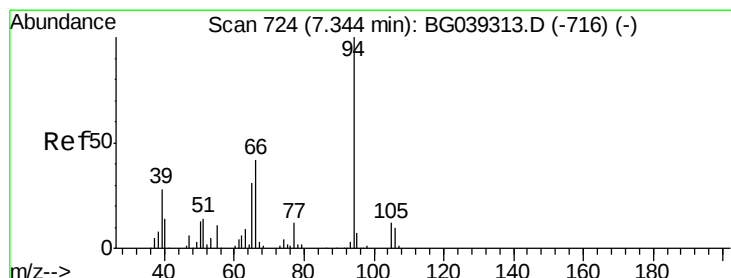
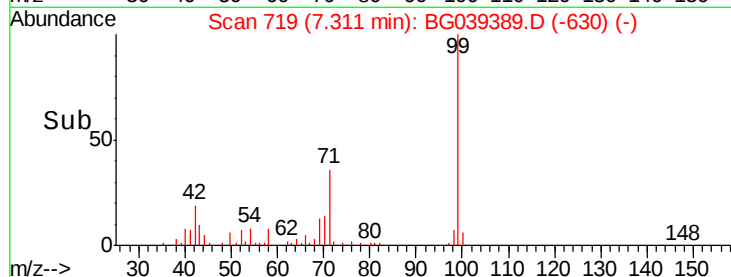
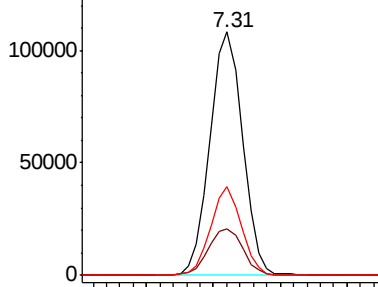
99 100

42 19.2 18.2 27.2

71 36.5 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: 2.703 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG039389.D

Acq: 7 Feb 2019 19:38

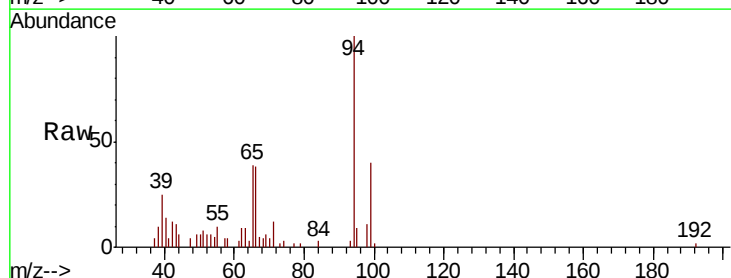
Tgt Ion: 94 Resp: 13613

Ion Ratio Lower Upper

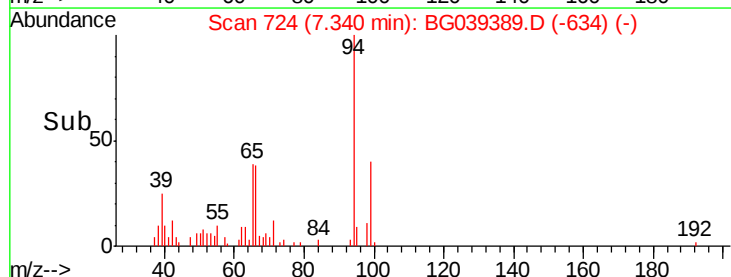
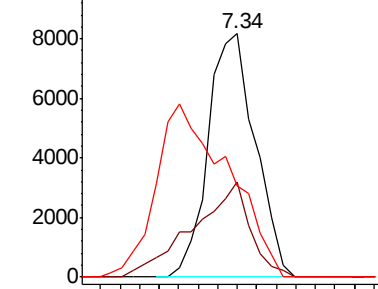
94 100

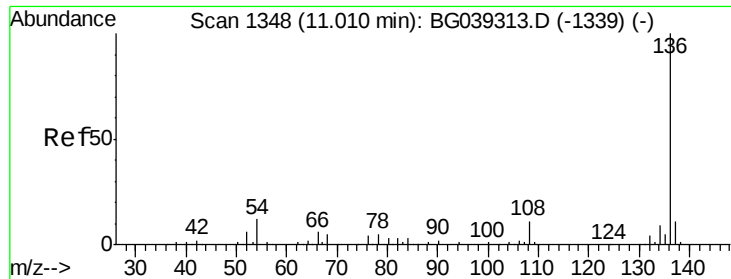
65 39.2 11.7 51.7

66 37.6 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

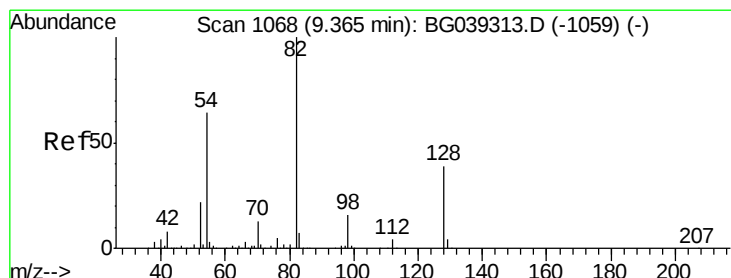
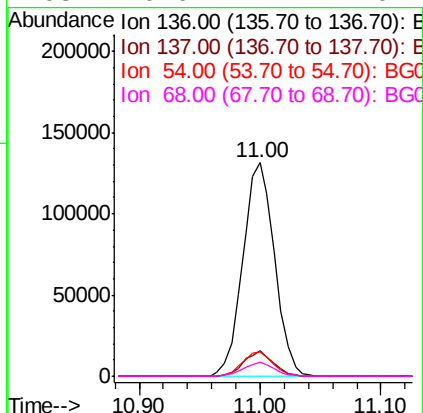
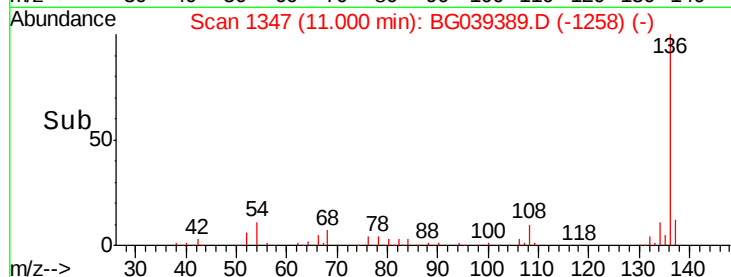
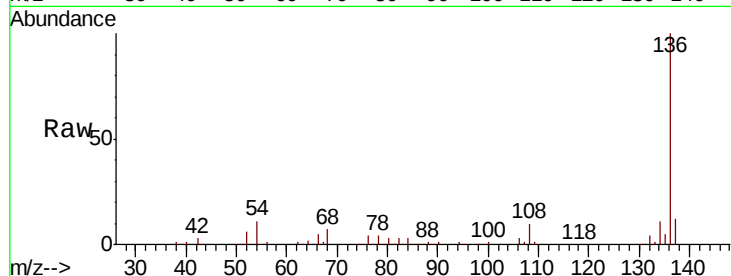




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG039389.D
Acq: 7 Feb 2019 19:38

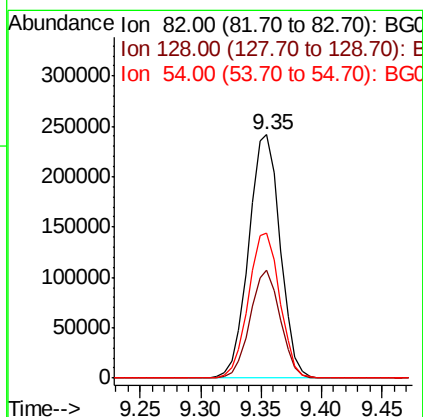
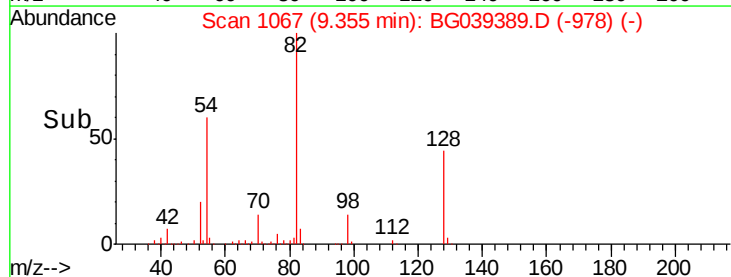
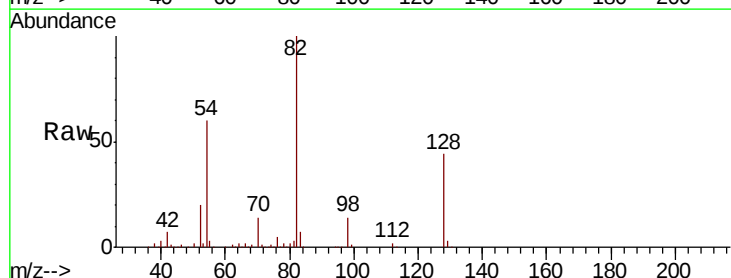
Instrument :
BNA_G
ClientSampleId :
MW-9

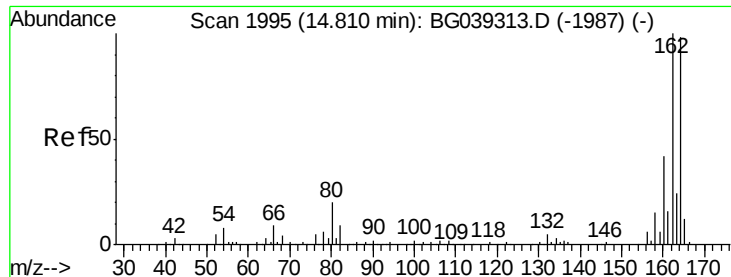
Tot Ion:136	Resp:	239782
Ion	Ratio	Lower Upper
136	100	
137	12.2	9.1 13.7
54	11.2	9.4 14.2
68	6.6	4.2 6.4#



#23
Nitrobenzene-d5
Concen: 114.593 ng
RT: 9.35 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BG039389.D
Acq: 7 Feb 2019 19:38

Tgt Ion: 82	Resp:	439838
Ion	Ratio	Lower Upper
82	100	
128	44.5	31.3 46.9
54	59.7	50.9 76.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.80 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BG039389.D

Acq: 7 Feb 2019 19:38

Instrument :

BNA_G

ClientSampleId :

MW-9

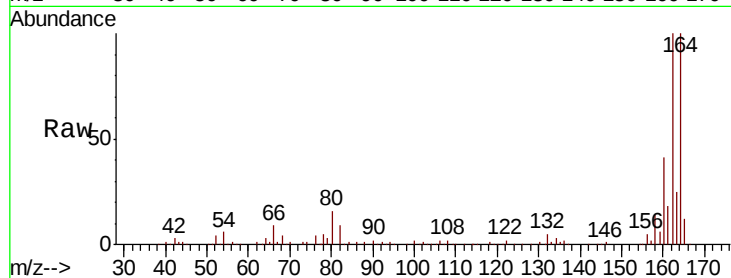
Tot Ion:164 Resp: 159453

Ion Ratio Lower Upper

164 100

162 100.3 81.6 122.4

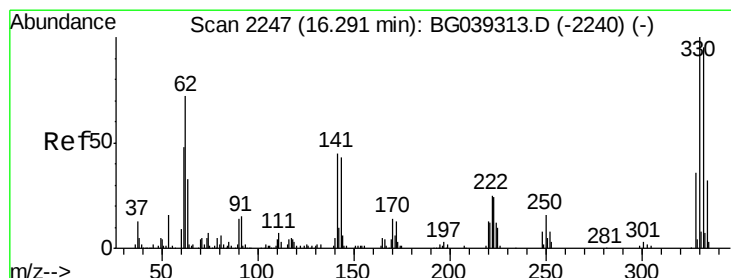
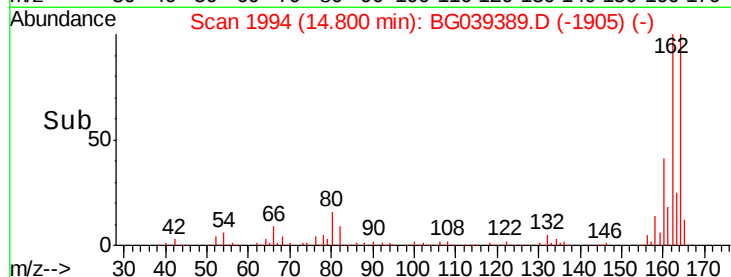
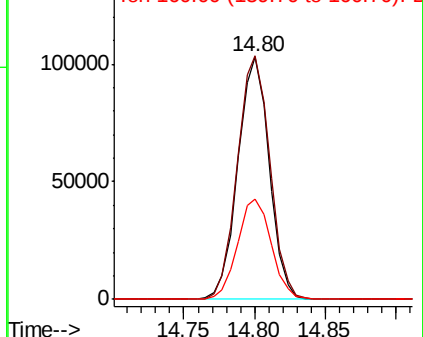
160 41.2 34.2 51.2



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: 152.711 ng

RT: 16.29 min Scan# 2247

Delta R.T. -0.00 min

Lab File: BG039389.D

Acq: 7 Feb 2019 19:38

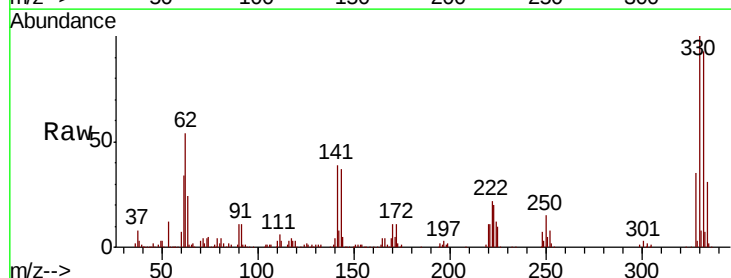
Tgt Ion:330 Resp: 262211

Ion Ratio Lower Upper

330 100

332 95.7 75.7 113.5

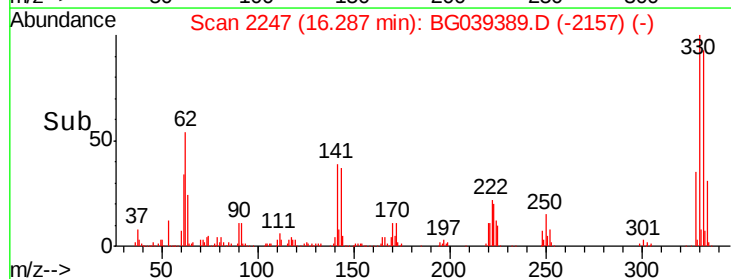
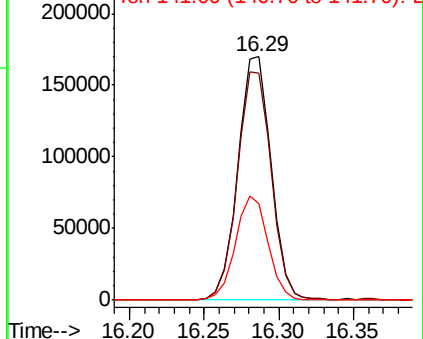
141 42.1 35.6 53.4

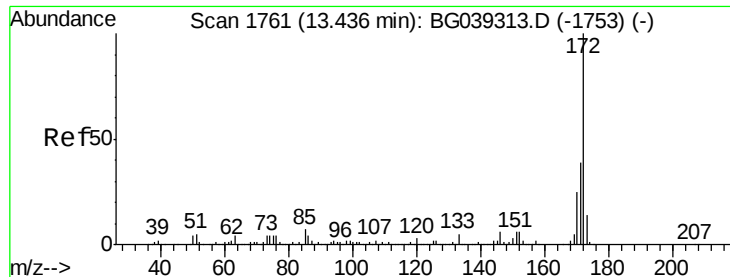


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

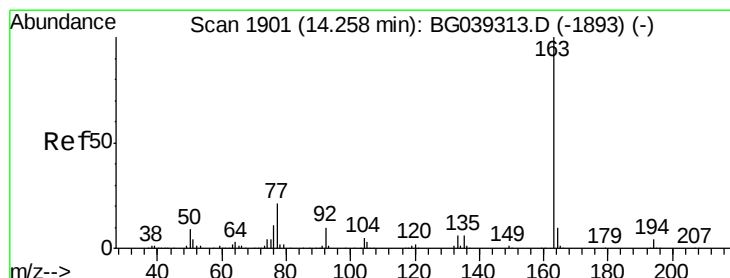
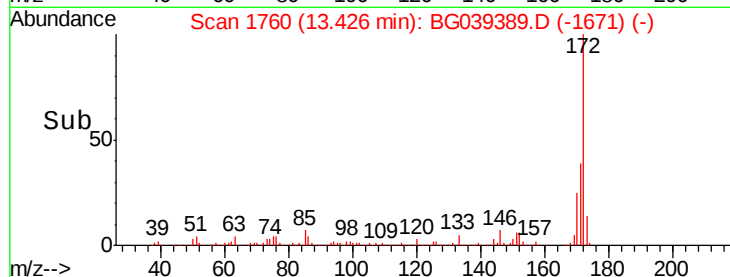
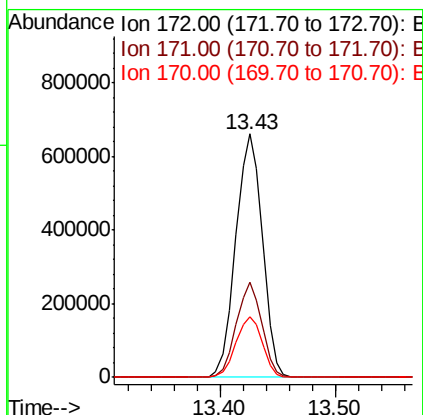
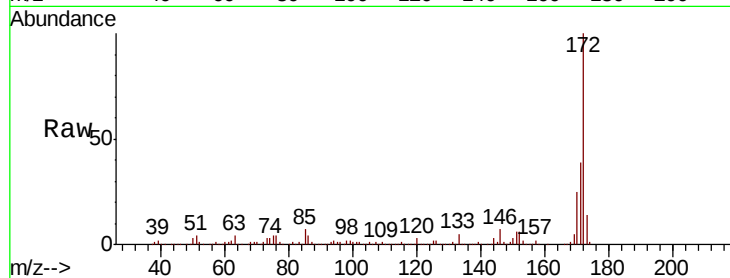




#45
2-Fluorobiphenyl
Concen: 94.612 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BG039389.D
Acq: 7 Feb 2019 19:38

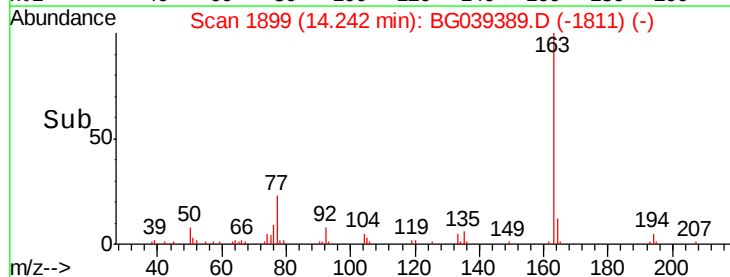
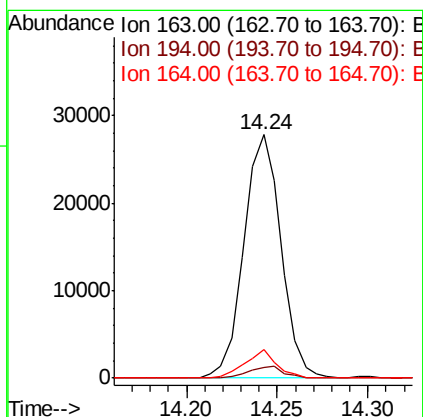
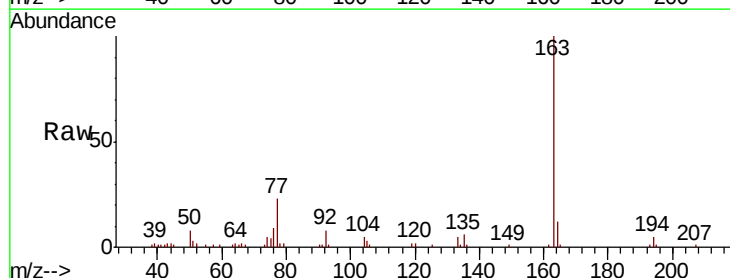
Instrument :
BNA_G
ClientSampleId :
MW-9

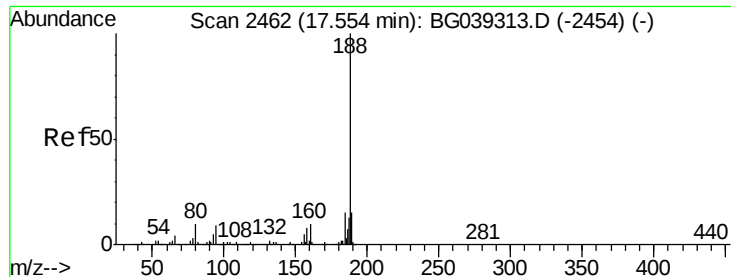
Tot Ion:172 Resp: 1051634
Ion Ratio Lower Upper
172 100
171 39.1 30.8 46.2
170 25.1 20.2 30.4



#50
Dimethylphthalate
Concen: 3.088 ng
RT: 14.24 min Scan# 1899
Delta R.T. -0.02 min
Lab File: BG039389.D
Acq: 7 Feb 2019 19:38

Tgt Ion:163 Resp: 39765
Ion Ratio Lower Upper
163 100
194 4.6 3.6 5.4
164 11.7 8.4 12.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.54 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BG039389.D

Acq: 7 Feb 2019 19:38

Instrument :

BNA_G

ClientSampleId :

MW-9

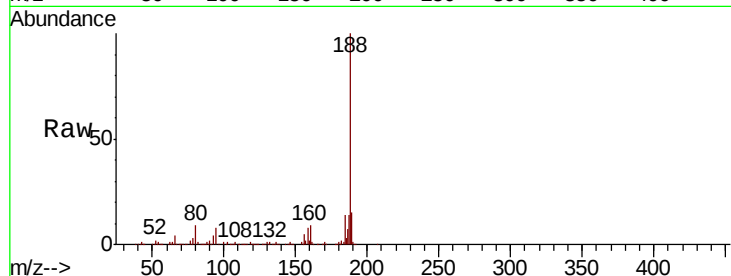
Tot Ion:188 Resp: 379634

Ion Ratio Lower Upper

188 100

94 7.9 6.9 10.3

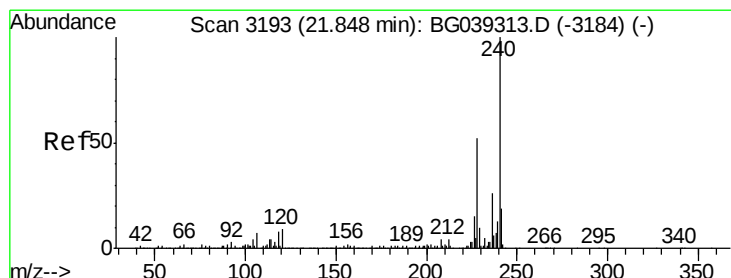
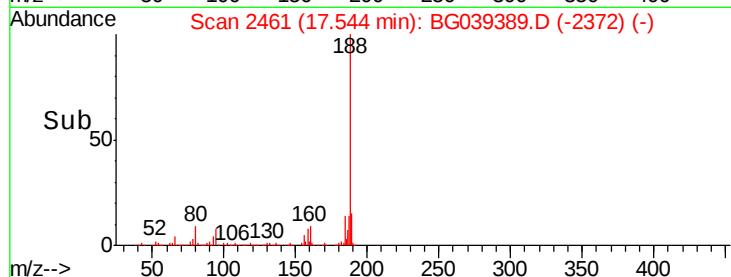
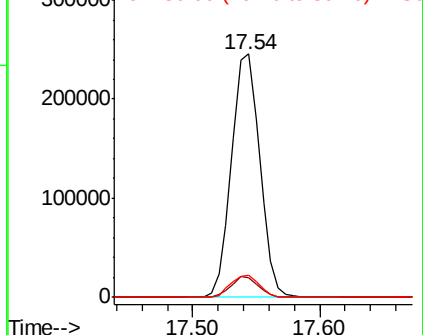
80 9.0 8.1 12.1



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# 3191

Delta R.T. -0.02 min

Lab File: BG039389.D

Acq: 7 Feb 2019 19:38

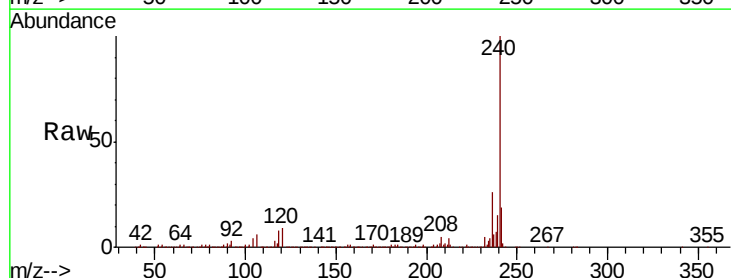
Tgt Ion:240 Resp: 389889

Ion Ratio Lower Upper

240 100

120 9.1 7.0 10.6

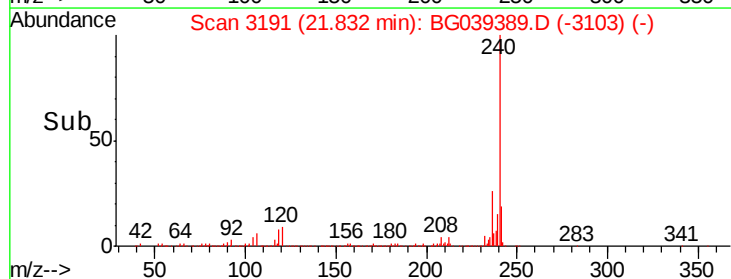
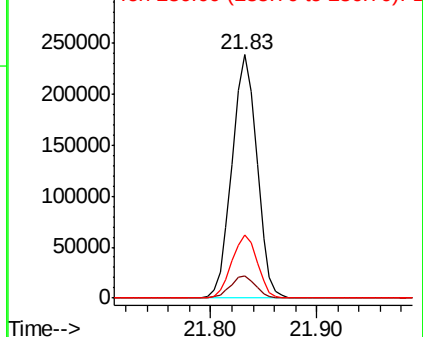
236 26.0 21.0 31.4

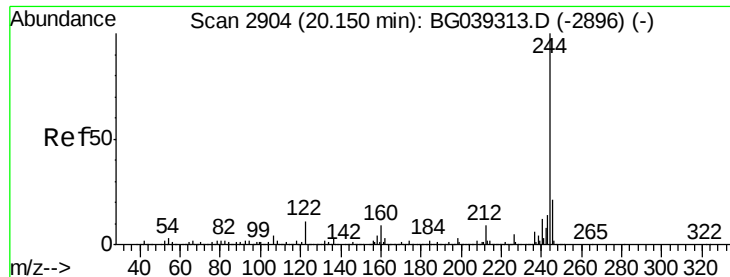


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 87.173 ng

RT: 20.13 min Scan# 2902

Delta R.T. -0.02 min

Lab File: BG039389.D

Acq: 7 Feb 2019 19:38

Instrument :

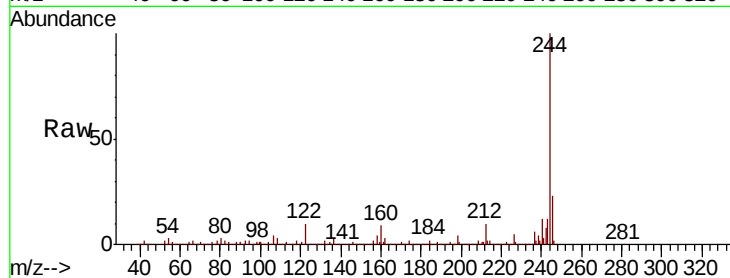
BNA_G

ClientSampled :

MW-9

Tot Ion:244 Resp: 1605701

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.3	10.9
122	10.5	8.4	12.6

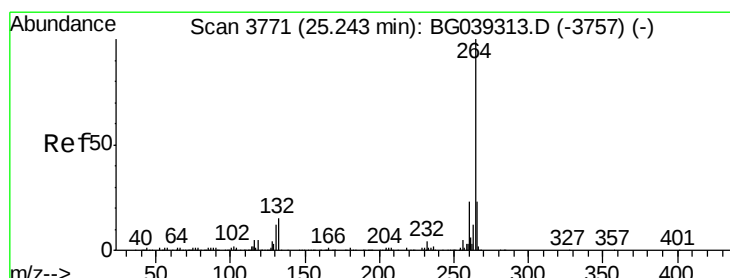
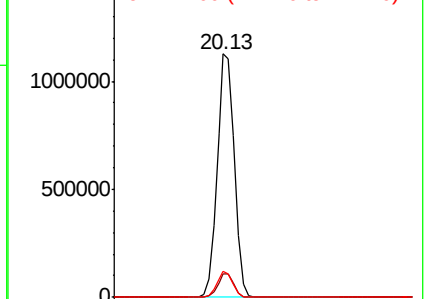
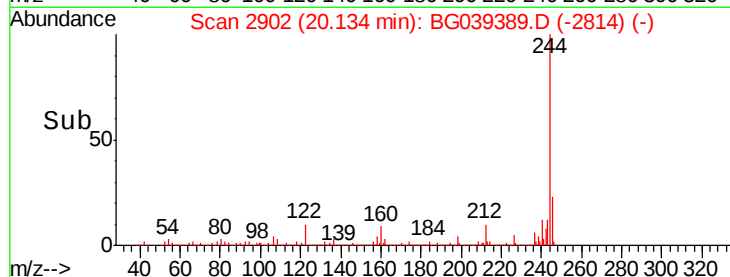


Abundance

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: 25.22 min Scan# 3767

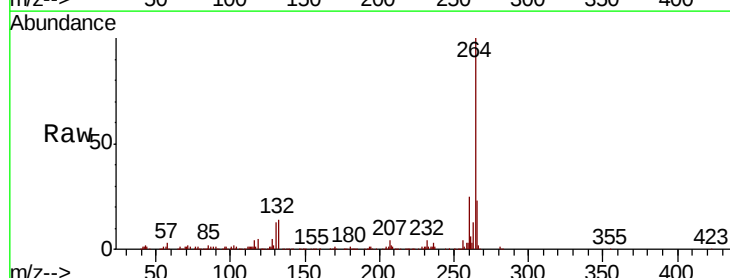
Delta R.T. -0.03 min

Lab File: BG039389.D

Acq: 7 Feb 2019 19:38

Tgt Ion:264 Resp: 399617

Ion	Ratio	Lower	Upper
264	100		
260	25.2	18.2	27.4
265	22.8	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

