

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021219\
 Data File : BG039464.D
 Acq On : 12 Feb 2019 15:13
 Operator : JU/SJ
 Sample : K1462-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-S

Quant Time: Feb 12 18:06:26 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

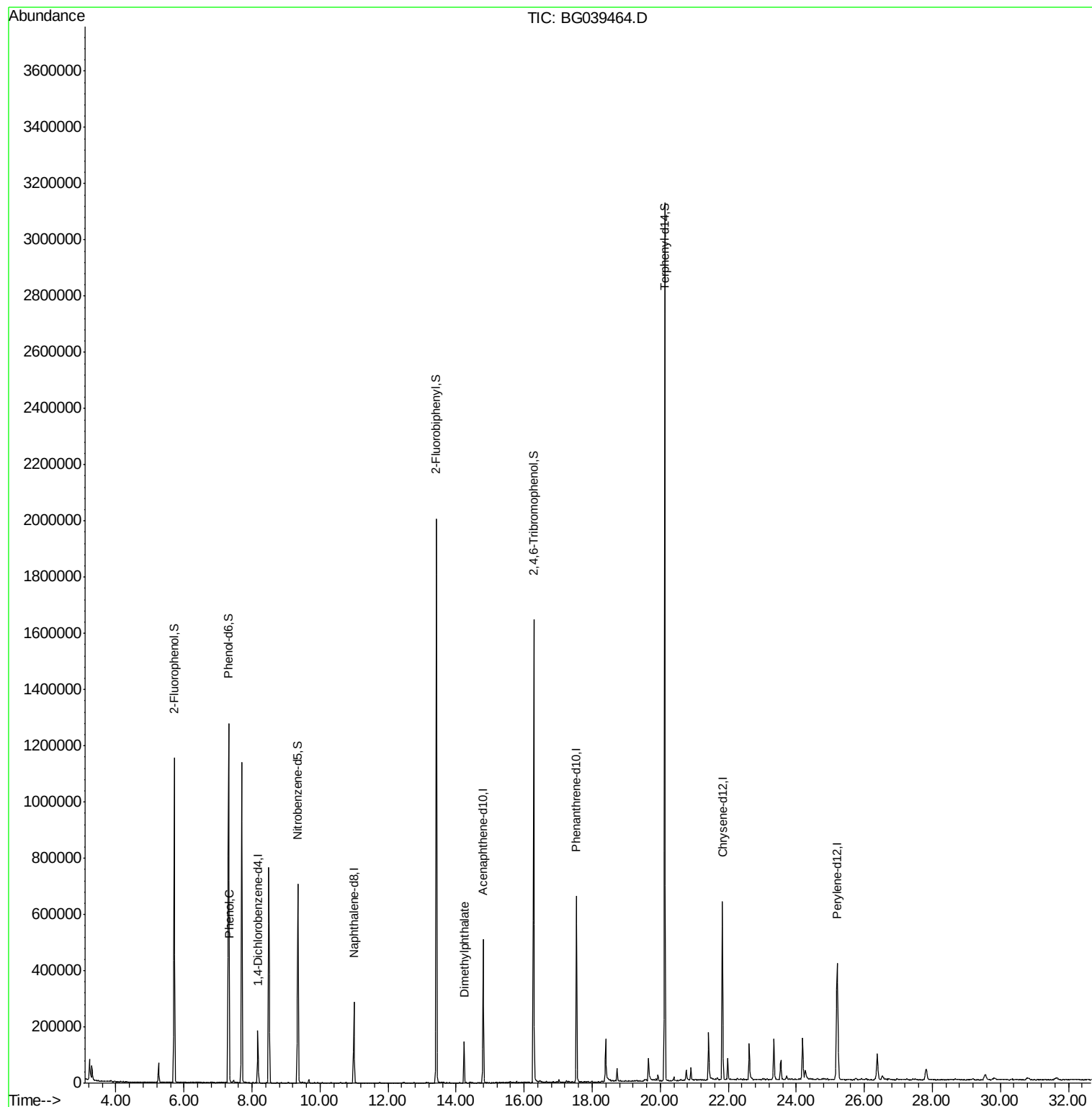
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	53080	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	243508	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	177426	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	411601	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	394125	20.00	ng	-0.02
87) Perylene-d12	25.21	264	401431	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	490799	158.25	ng	0.00
7) Phenol-d6	7.31	99	740292	162.16	ng	-0.01
23) Nitrobenzene-d5	9.35	82	430672	110.49	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	294435	154.11	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	1062387	85.90	ng	-0.02
79) Terphenyl-d14	20.13	244	1454147	78.10	ng	-0.02
Target Compounds						
10) Phenol	7.33	94	12049	2.532	ng	83
50) Dimethylphthalate	14.24	163	99202	6.923	ng	99

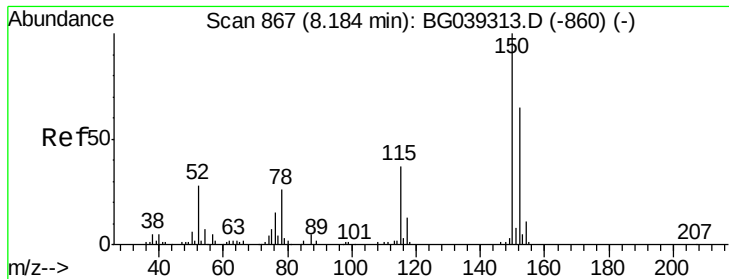
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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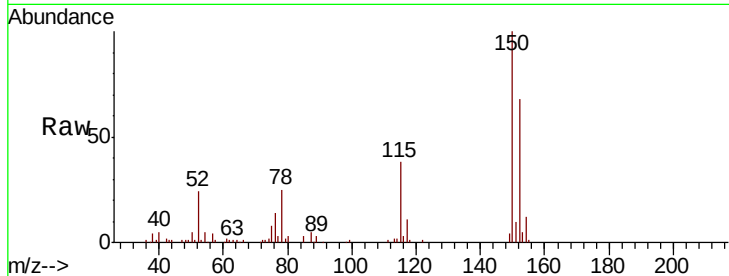


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG039464.D
Acq: 12 Feb 2019 15:13

Instrument :
BNA_G
ClientSampleId :
TP-2-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.7	123.7	185.5
115	56.1	45.9	68.9

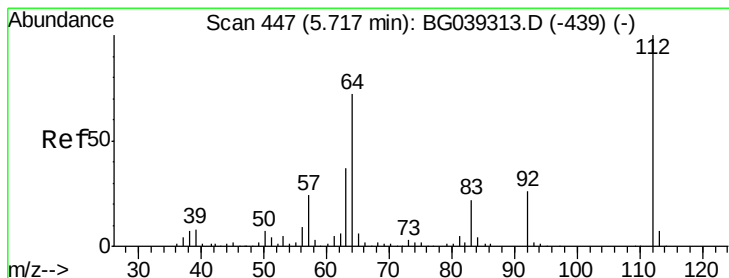
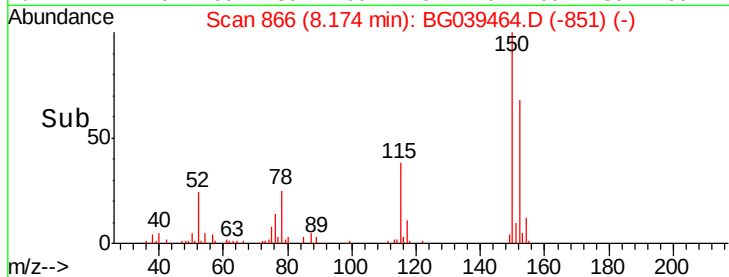
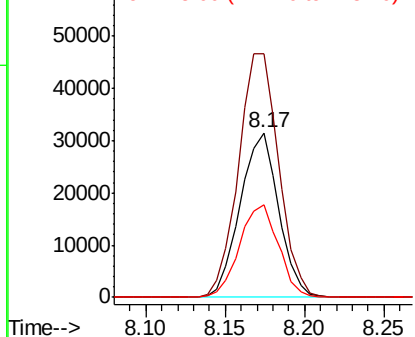


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

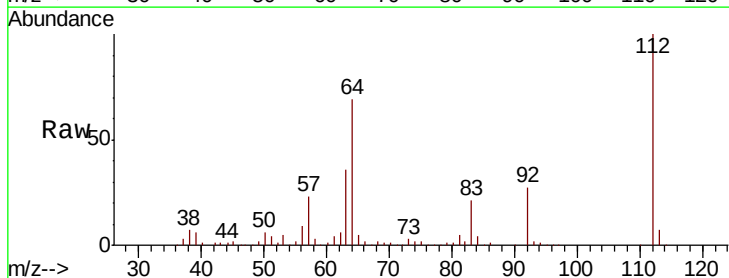
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 158.253 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039464.D
Acq: 12 Feb 2019 15:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.7	57.8	86.8
63	36.3	29.8	44.6

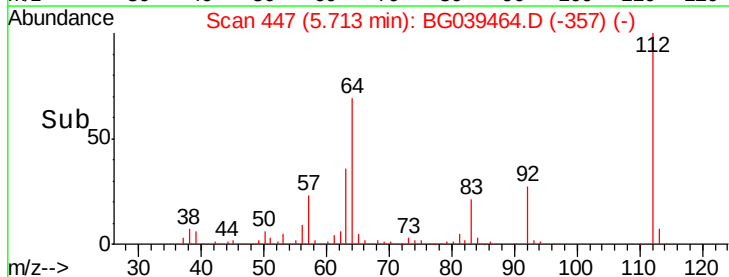
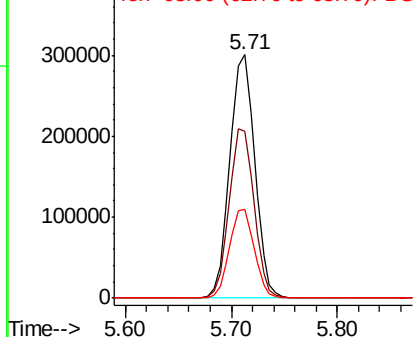


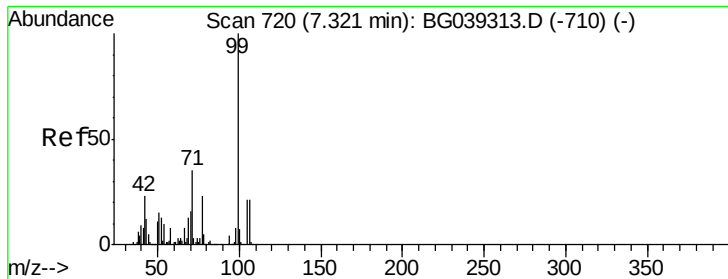
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 162.163 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039464.D

Acq: 12 Feb 2019 15:13

Instrument :

BNA_G

ClientSampled :

TP-2-S

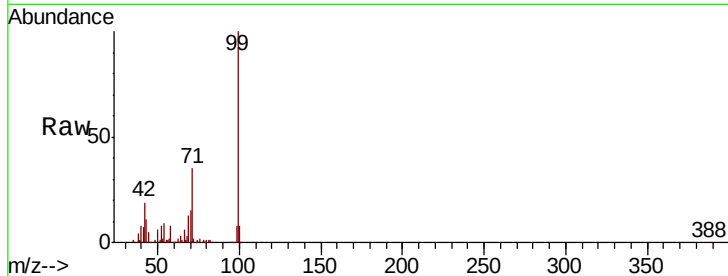
Tot Ion: 99 Resp: 740292

Ion Ratio Lower Upper

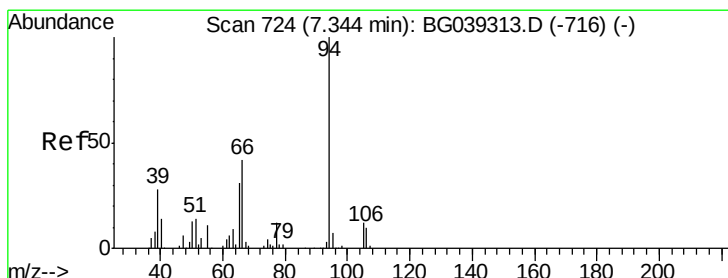
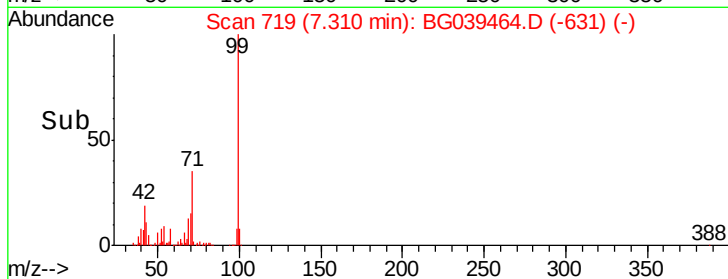
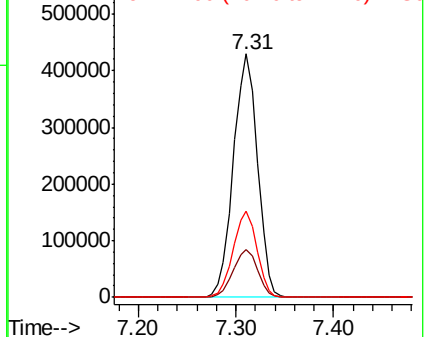
99 100

42 19.4 18.2 27.2

71 35.1 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: 2.532 ng

RT: 7.33 min Scan# 723

Delta R.T. -0.01 min

Lab File: BG039464.D

Acq: 12 Feb 2019 15:13

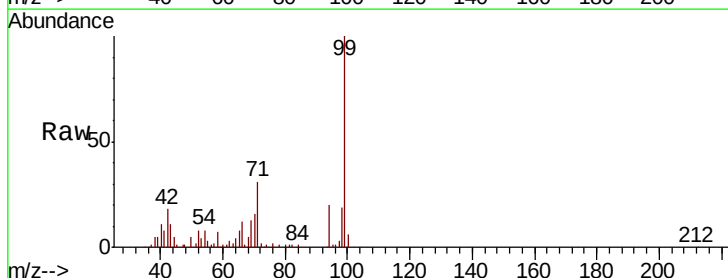
Tgt Ion: 94 Resp: 12049

Ion Ratio Lower Upper

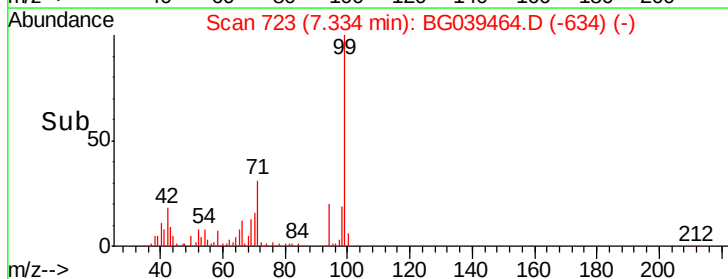
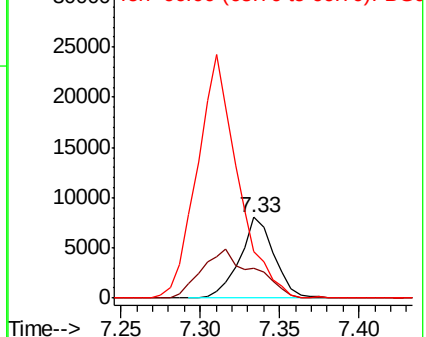
94 100

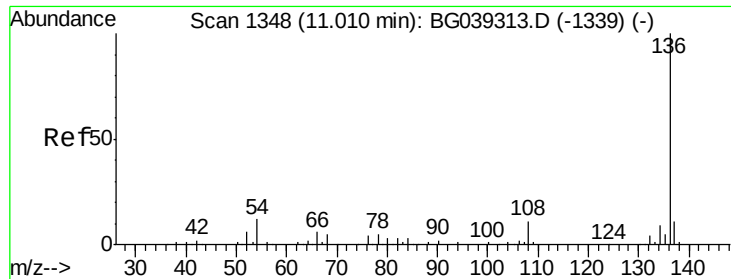
65 37.3 11.7 51.7

66 58.0 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

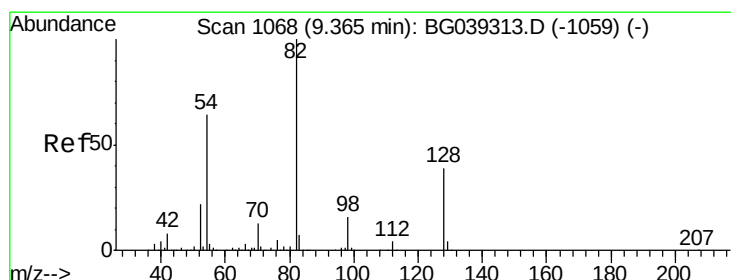
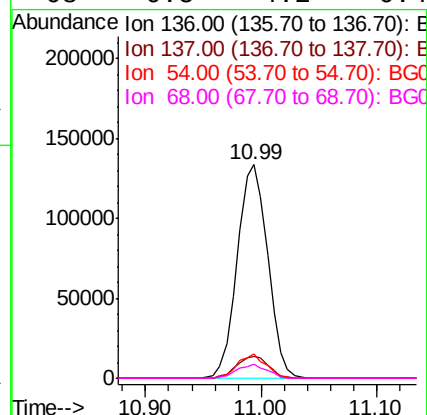
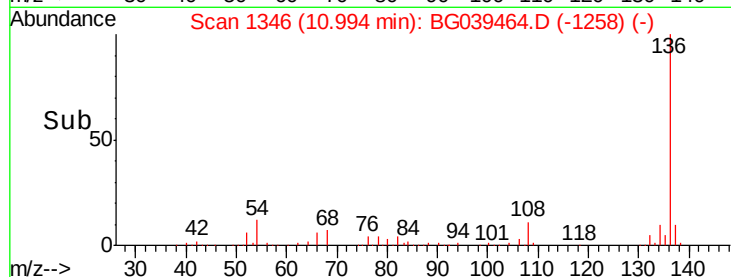
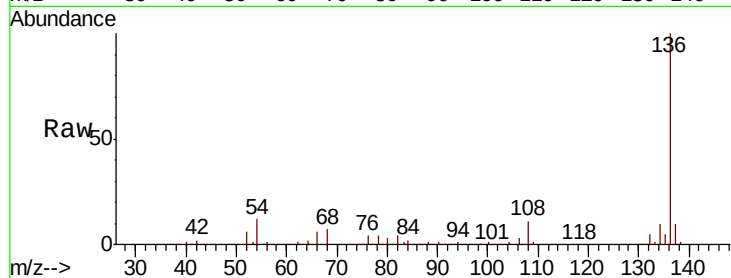




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1346
Delta R.T. -0.02 min
Lab File: BG039464.D
Acq: 12 Feb 2019 15:13

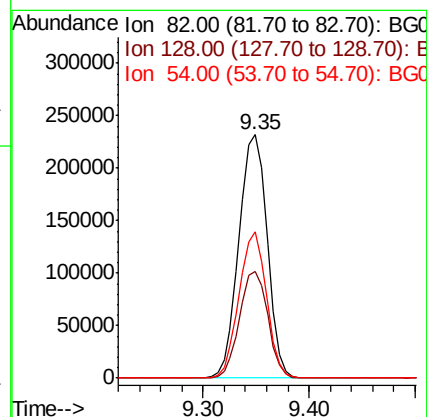
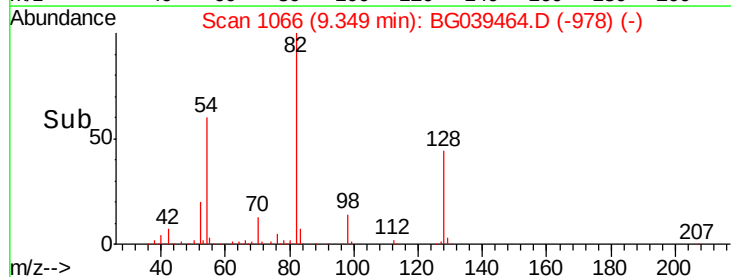
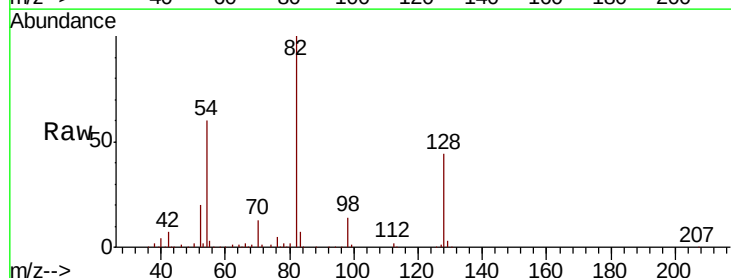
Instrument :
BNA_G
ClientSampleId :
TP-2-S

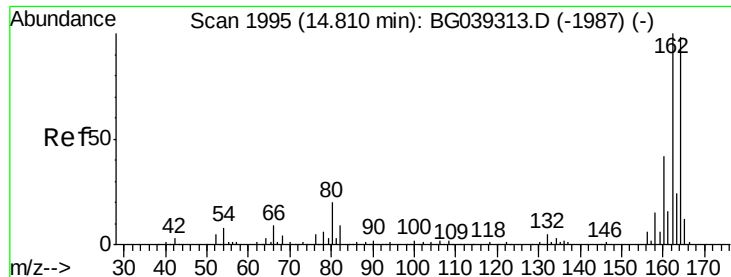
Tot Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	11.7	9.4	14.2
68	6.5	4.2	6.4#



#23
Nitrobenzene-d5
Concen: 110.488 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.02 min
Lab File: BG039464.D
Acq: 12 Feb 2019 15:13

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.0	31.3	46.9
54	59.9	50.9	76.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BG039464.D

Acq: 12 Feb 2019 15:13

Instrument :

BNA_G

ClientSampleId :

TP-2-S

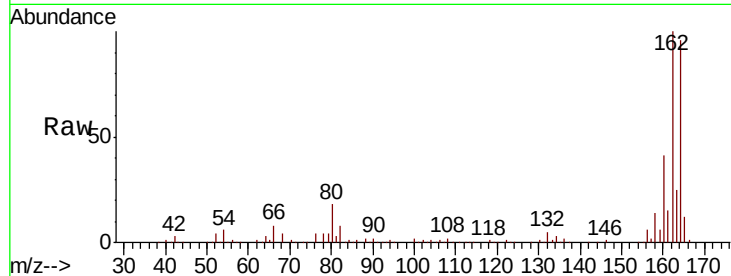
Tot Ion:164 Resp: 177426

Ion Ratio Lower Upper

164 100

162 103.8 81.6 122.4

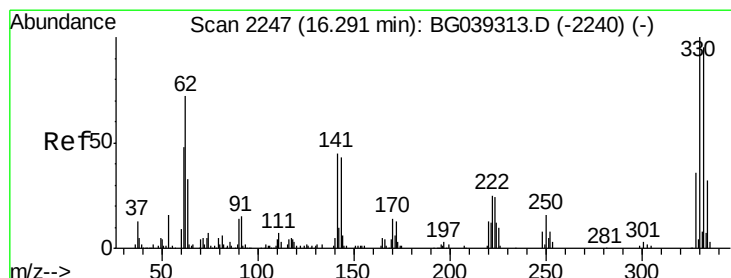
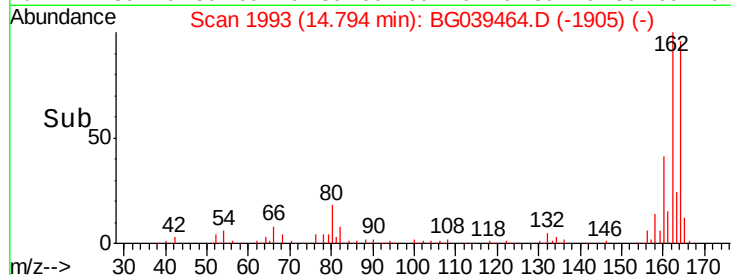
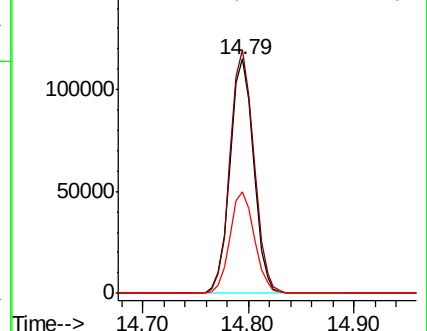
160 43.1 34.2 51.2



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: 154.108 ng

RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG039464.D

Acq: 12 Feb 2019 15:13

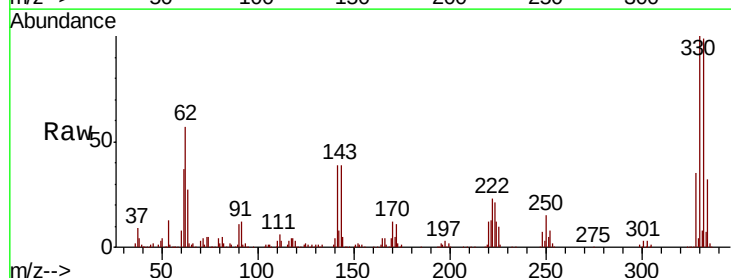
Tgt Ion:330 Resp: 294435

Ion Ratio Lower Upper

330 100

332 96.9 75.7 113.5

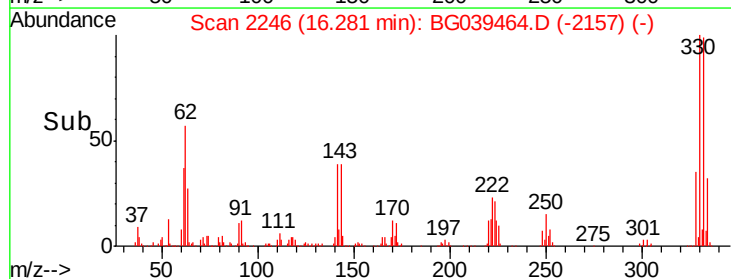
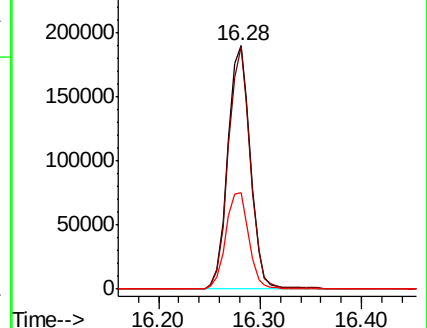
141 40.4 35.6 53.4

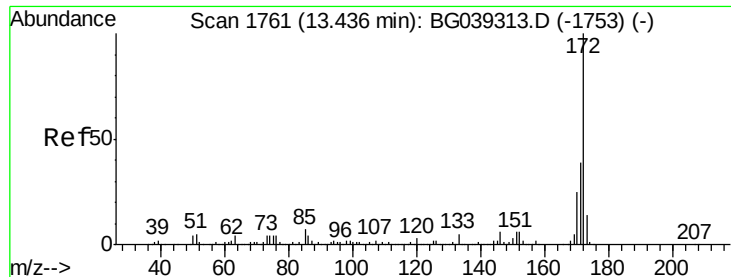


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

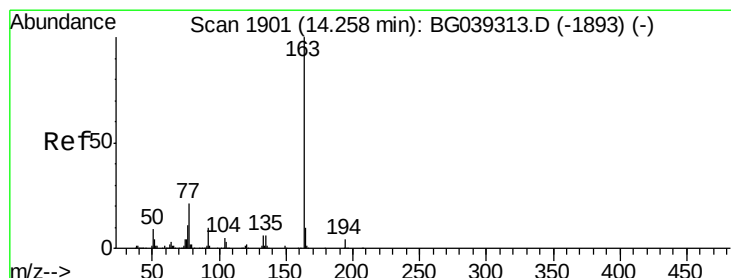
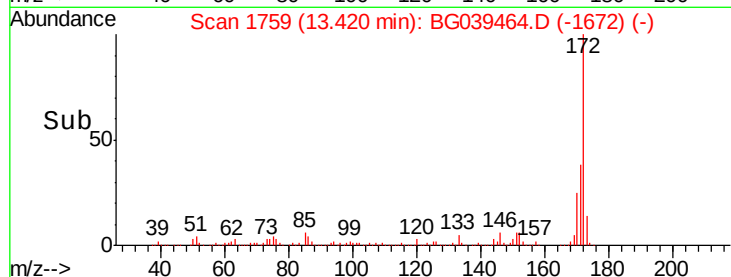
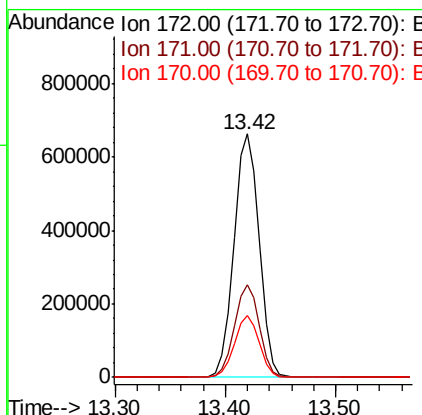
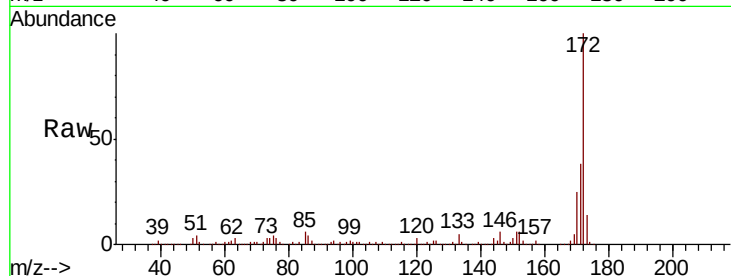




#45
2-Fluorobiphenyl
Concen: 85.898 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.02 min
Lab File: BG039464.D
Acq: 12 Feb 2019 15:13

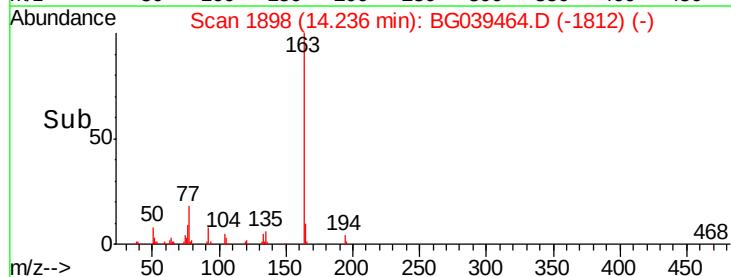
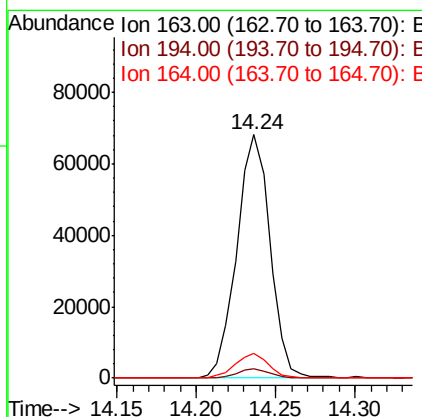
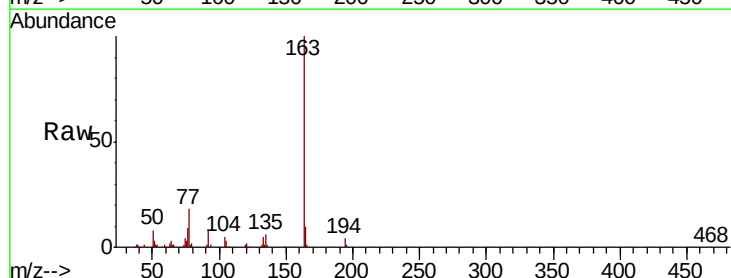
Instrument :
BNA_G
ClientSampleId :
TP-2-S

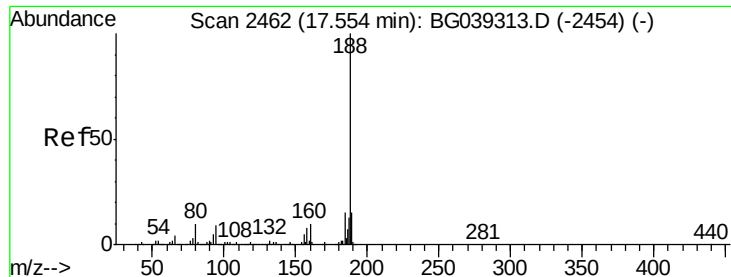
Tot Ion:172 Resp: 1062387
Ion Ratio Lower Upper
172 100
171 38.0 30.8 46.2
170 25.2 20.2 30.4



#50
Dimethylphthalate
Concen: 6.923 ng
RT: 14.24 min Scan# 1898
Delta R.T. -0.02 min
Lab File: BG039464.D
Acq: 12 Feb 2019 15:13

Tgt Ion:163 Resp: 99202
Ion Ratio Lower Upper
163 100
194 4.1 3.6 5.4
164 10.4 8.4 12.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.54 min Scan# 2460

Delta R.T. -0.02 min

Lab File: BG039464.D

Acq: 12 Feb 2019 15:13

Instrument :

BNA_G

ClientSampleId :

TP-2-S

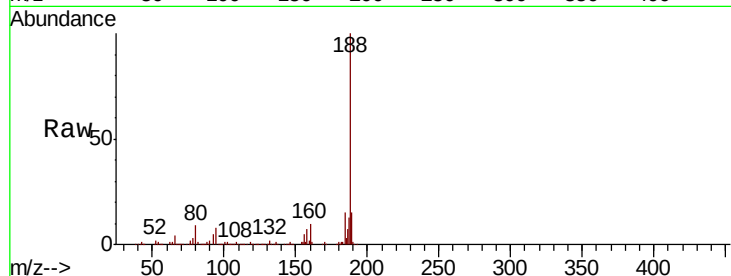
Tot Ion:188 Resp: 411601

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

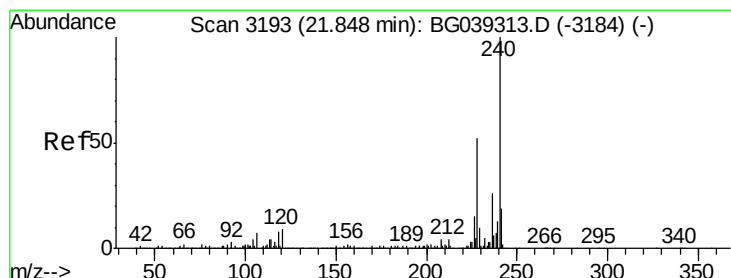
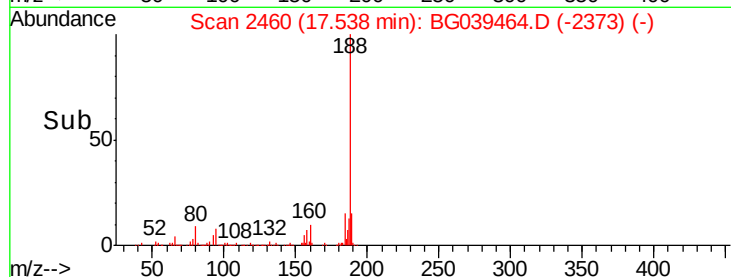
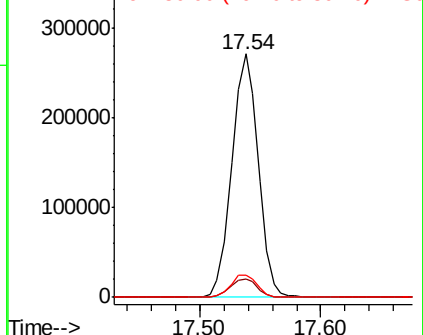
80 9.1 8.1 12.1



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: BG039464.D

Acq: 12 Feb 2019 15:13

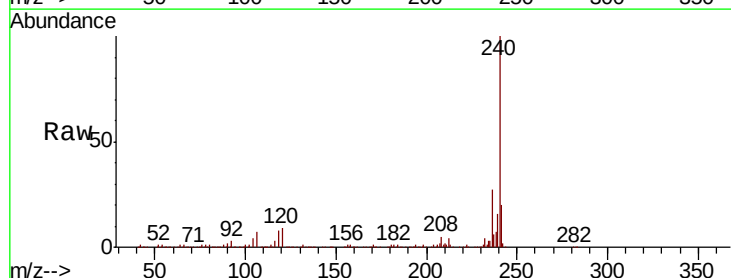
Tgt Ion:240 Resp: 394125

Ion Ratio Lower Upper

240 100

120 8.8 7.0 10.6

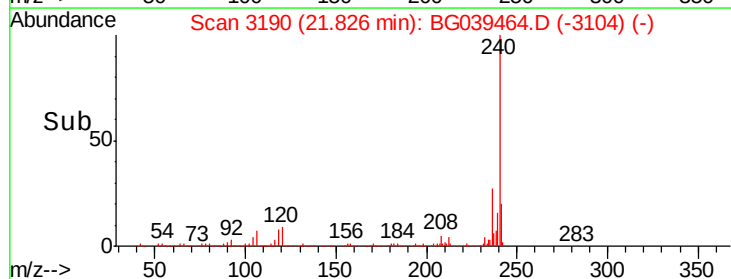
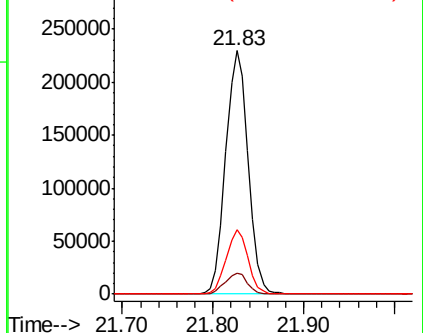
236 26.6 21.0 31.4

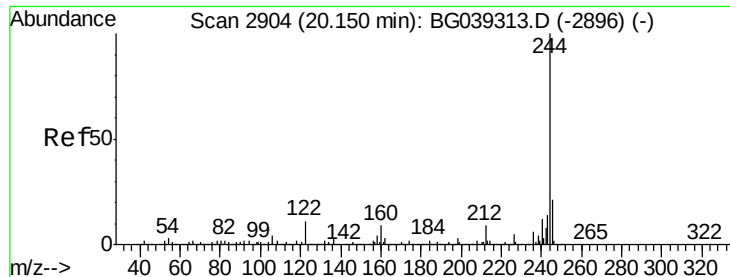


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 78.096 ng

RT: 20.13 min Scan# 2902

Delta R.T. -0.02 min

Lab File: BG039464.D

Acq: 12 Feb 2019 15:13

Instrument :

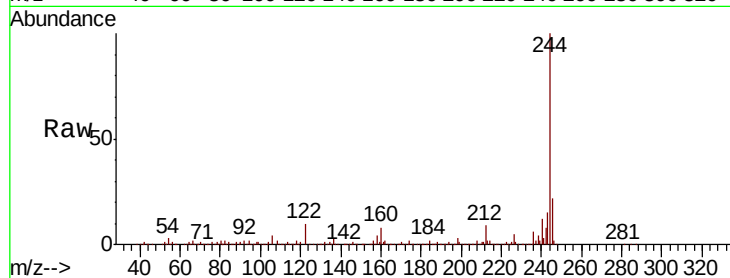
BNA_G

ClientSampled :

TP-2-S

Tot Ion:244 Resp: 1454147

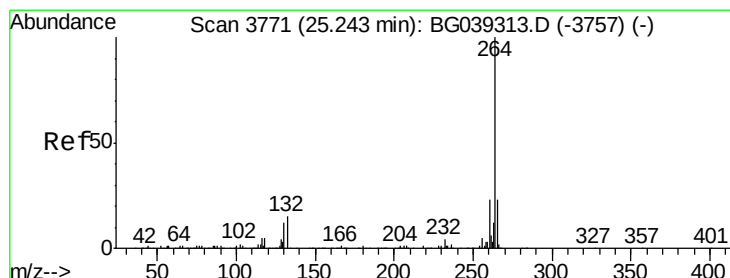
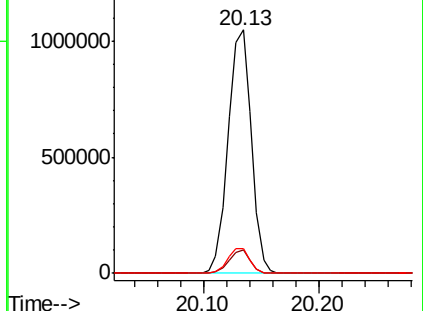
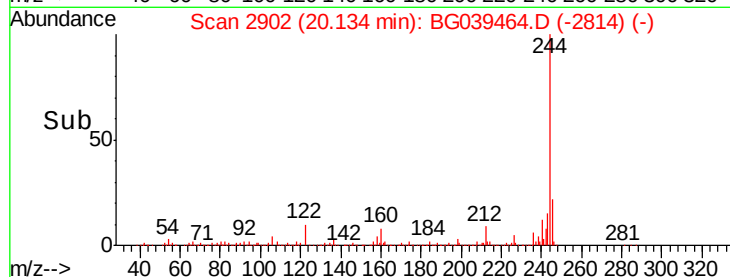
Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.3	10.9
122	9.9	8.4	12.6



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# 3766

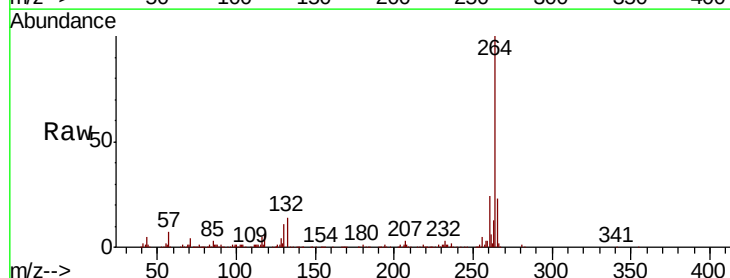
Delta R.T. -0.03 min

Lab File: BG039464.D

Acq: 12 Feb 2019 15:13

Tgt Ion:264 Resp: 401431

Ion	Ratio	Lower	Upper
264	100		
260	23.5	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

