

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030519\
 Data File : BG039780.D
 Acq On : 6 Mar 2019 1:22
 Operator : JU/SJ
 Sample : K1727-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-9

Quant Time: Mar 06 02:00:24 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

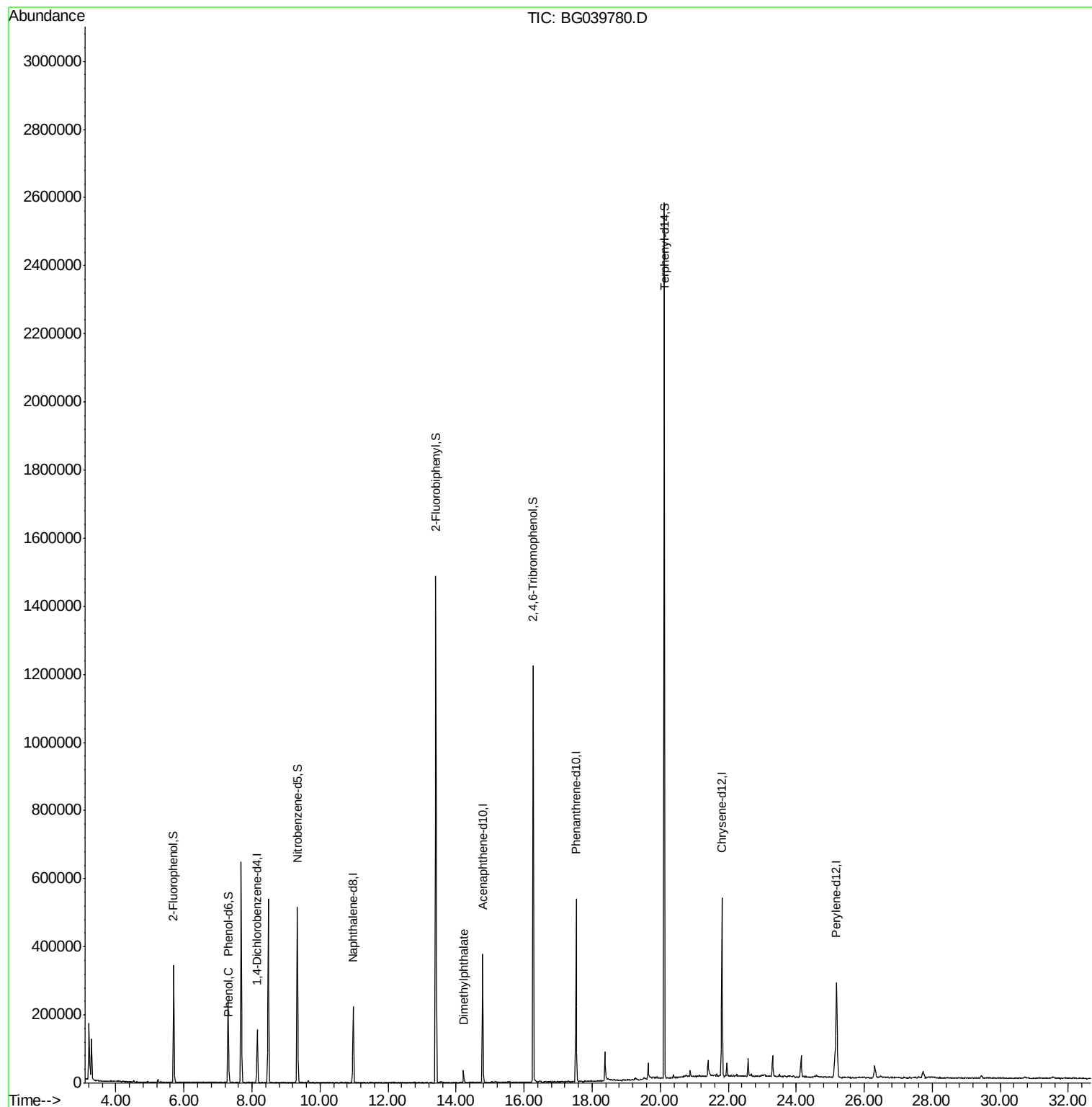
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	42379	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	192785	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	135887	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	323857	20.00	ng	0.00
76) Chrysene-d12	21.82	240	315848	20.00	ng	-0.01
87) Perylene-d12	25.18	264	316410	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	147623	59.43	ng	-0.01
7) Phenol-d6	7.29	99	138400	37.37	ng	-0.02
23) Nitrobenzene-d5	9.33	82	304609	85.46	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	214189	135.23	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	778680	81.59	ng	-0.01
79) Terphenyl-d14	20.12	244	1214275	84.65	ng	0.00
Target Compounds						
10) Phenol	7.32	94	9081	2.263	ng	Qvalue 97
50) Dimethylphthalate	14.23	163	25359	2.232	ng	# 93

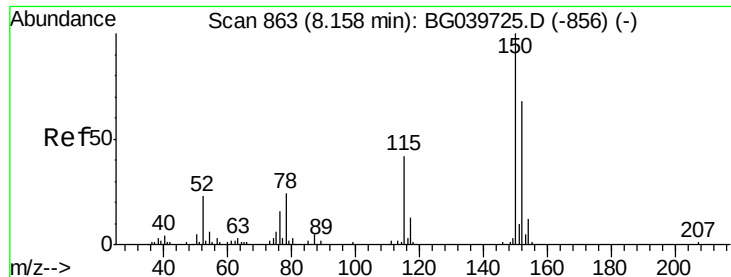
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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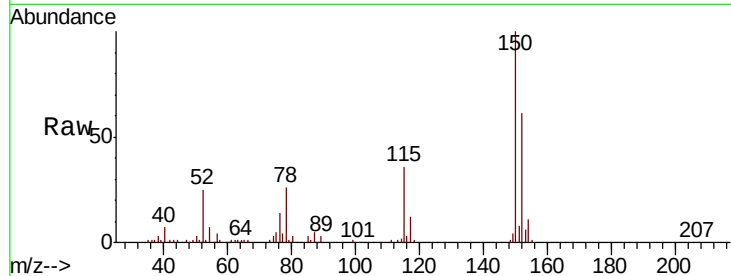


#1

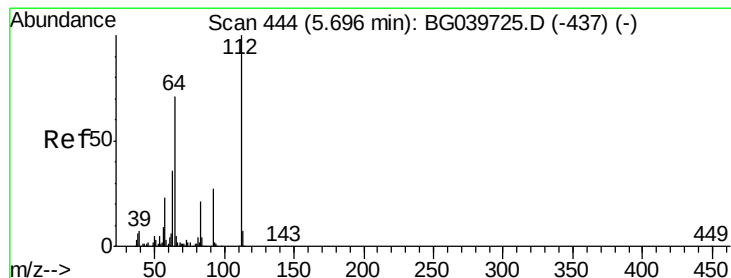
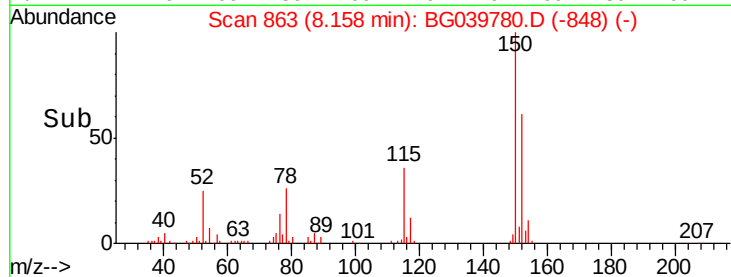
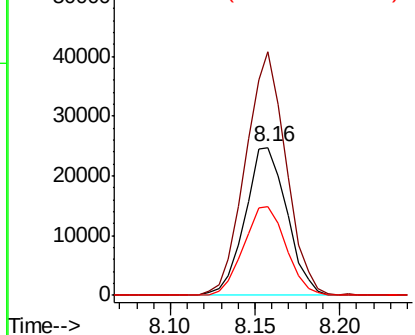
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039780.D
Acq: 6 Mar 2019 1:22

Instrument :
BNA_G
ClientSampleId :
MW-9

Tot Ion:152 Resp: 42379
Ion Ratio Lower Upper
152 100
150 164.7 123.7 185.5
115 60.1 45.9 68.9



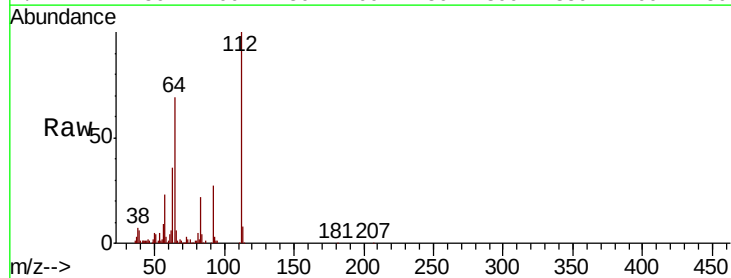
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



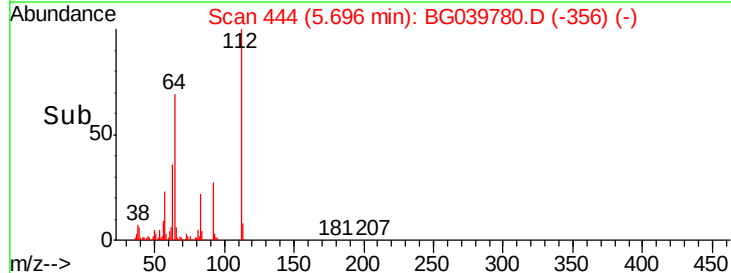
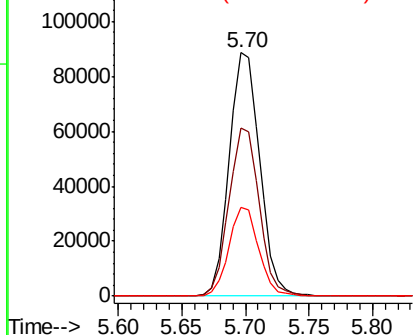
#5

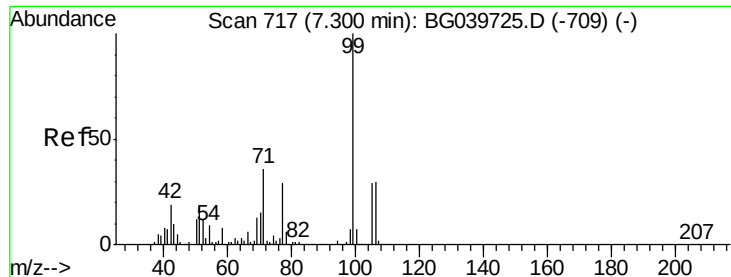
2-Fluorophenol
Concen: 59.427 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG039780.D
Acq: 6 Mar 2019 1:22

Tgt Ion:112 Resp: 147623
Ion Ratio Lower Upper
112 100
64 68.8 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: 37.366 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039780.D

Acq: 6 Mar 2019 1:22

Instrument :

BNA_G

ClientSampled :

MW-9

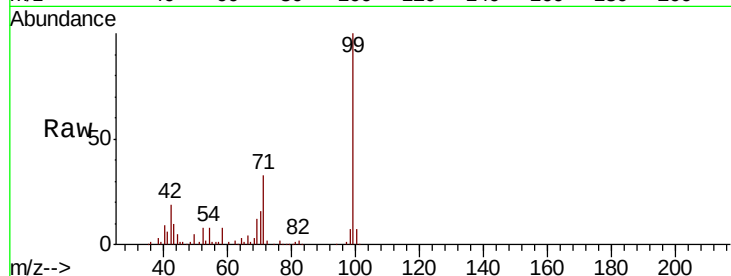
Tot Ion: 99 Resp: 138400

Ion Ratio Lower Upper

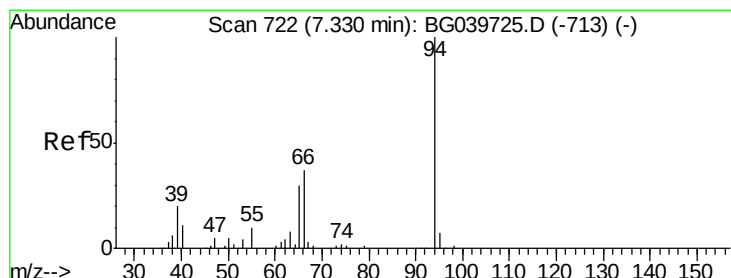
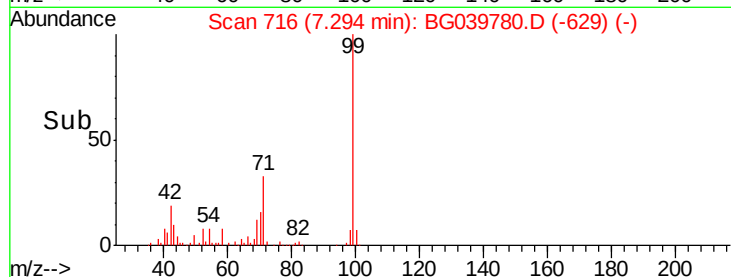
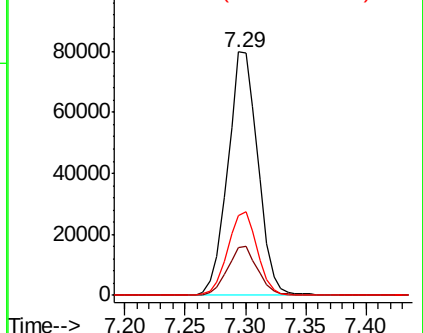
99 100

42 19.4 18.2 27.2

71 32.6 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: 2.263 ng

RT: 7.32 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG039780.D

Acq: 6 Mar 2019 1:22

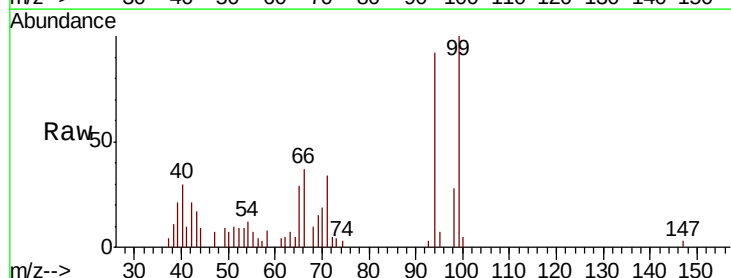
Tgt Ion: 94 Resp: 9081

Ion Ratio Lower Upper

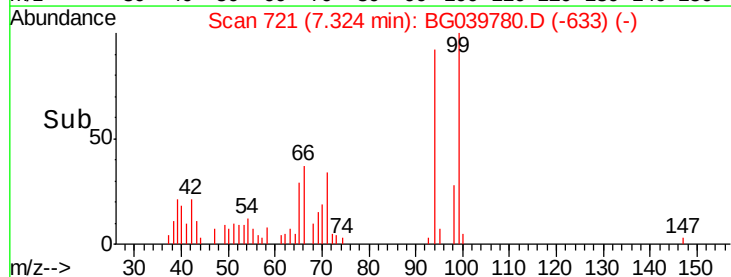
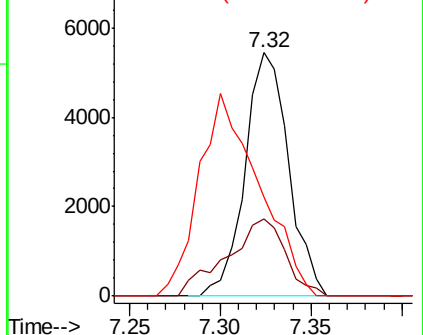
94 100

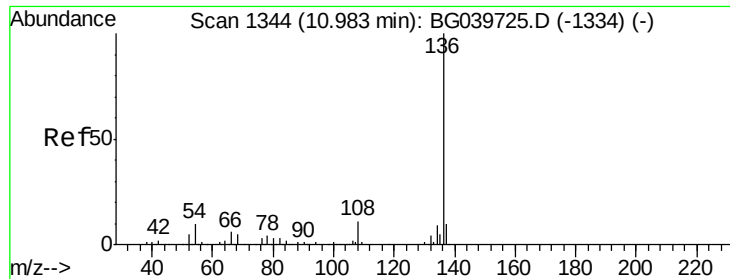
65 31.8 11.7 51.7

66 40.6 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

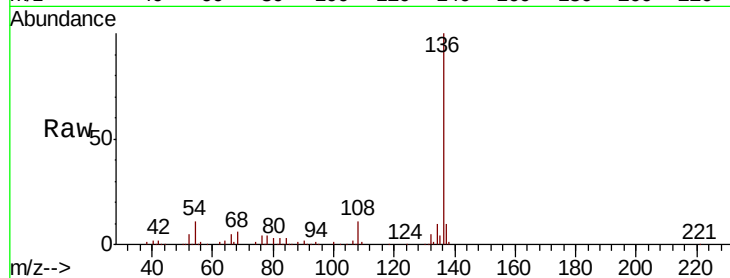




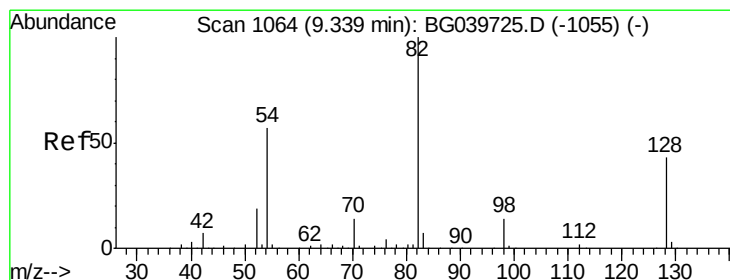
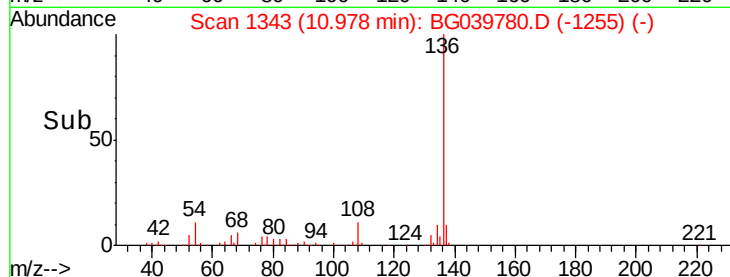
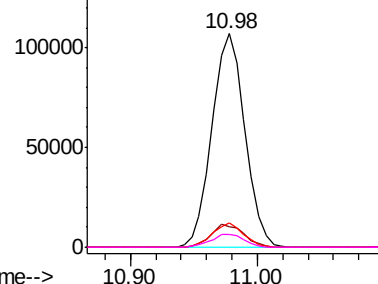
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039780.D
Acq: 6 Mar 2019 1:22

Instrument :
BNA_G
ClientSampleId :
MW-9

Tot Ion:136	Resp:	192785
Ion Ratio	Lower	Upper
136	100	
137	9.5	9.1 13.7
54	11.4	9.4 14.2
68	5.9	4.2 6.4

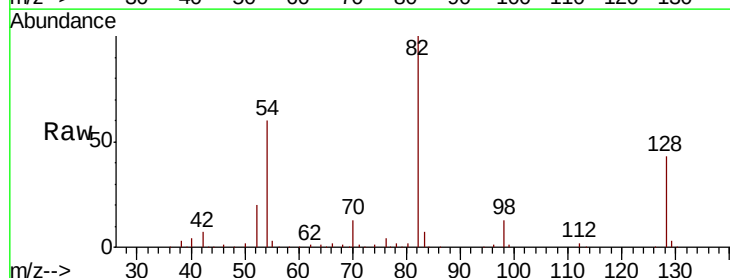


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

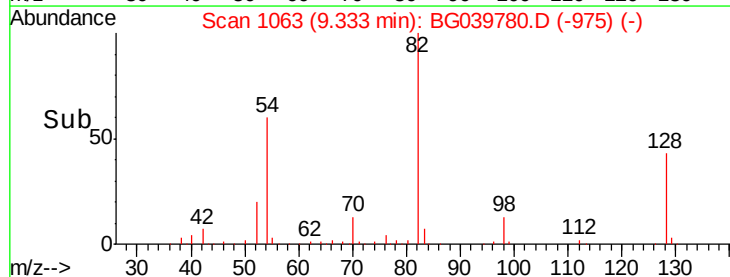
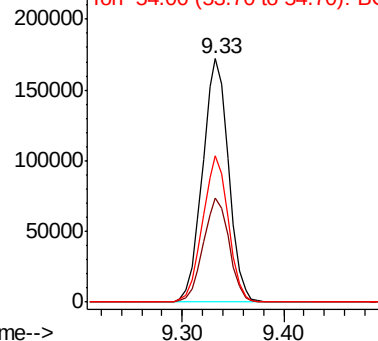


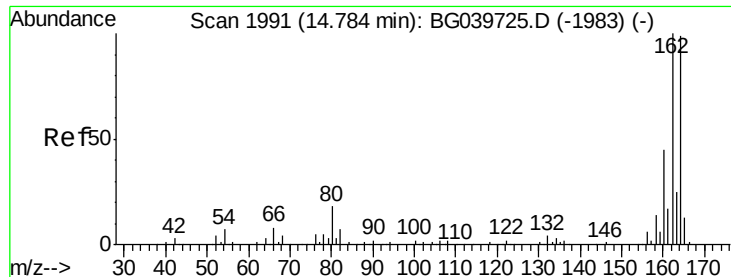
#23
Nitrobenzene-d5
Concen: 85.455 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039780.D
Acq: 6 Mar 2019 1:22

Tgt Ion: 82	Resp:	304609
Ion Ratio	Lower	Upper
82	100	
128	42.6	31.3 46.9
54	60.2	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# 1991

Delta R.T. -0.01 min

Lab File: BG039780.D

Acq: 6 Mar 2019 1:22

Instrument :

BNA_G

ClientSampleId :

MW-9

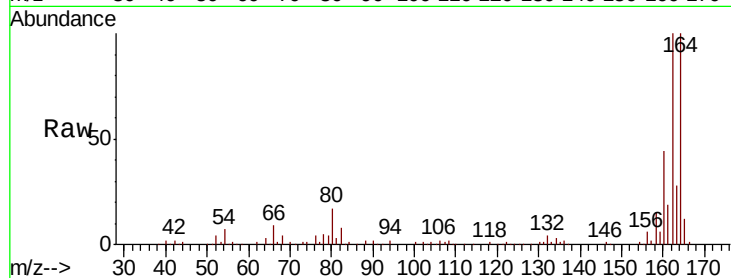
Tot Ion:164 Resp: 135887

Ion Ratio Lower Upper

164 100

162 100.3 81.6 122.4

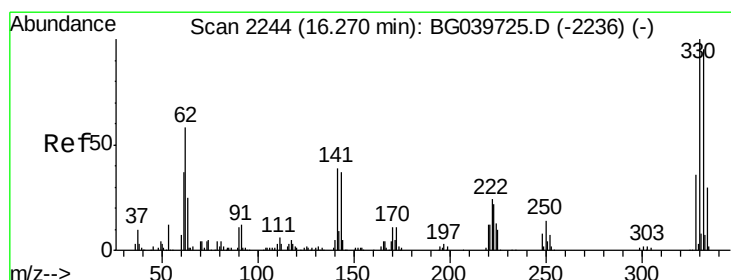
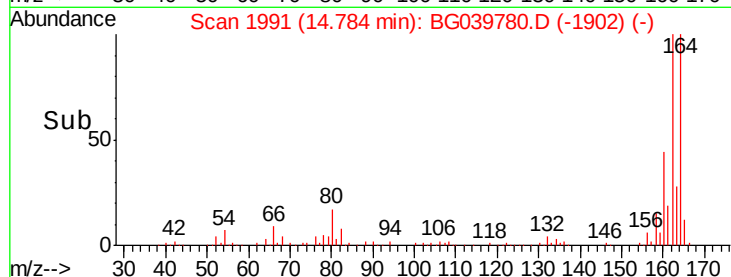
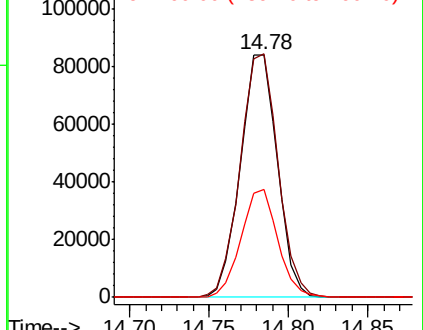
160 44.2 34.2 51.2



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: 135.232 ng

RT: 16.27 min Scan# 2244

Delta R.T. -0.01 min

Lab File: BG039780.D

Acq: 6 Mar 2019 1:22

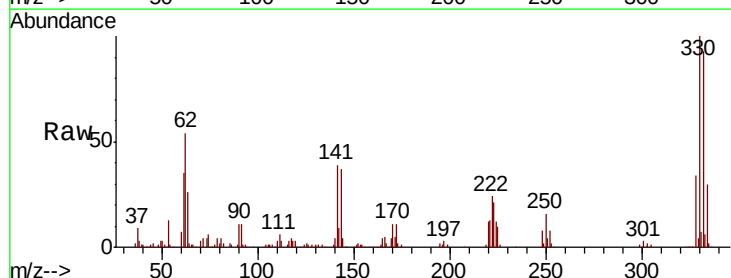
Tgt Ion:330 Resp: 214189

Ion Ratio Lower Upper

330 100

332 94.7 75.7 113.5

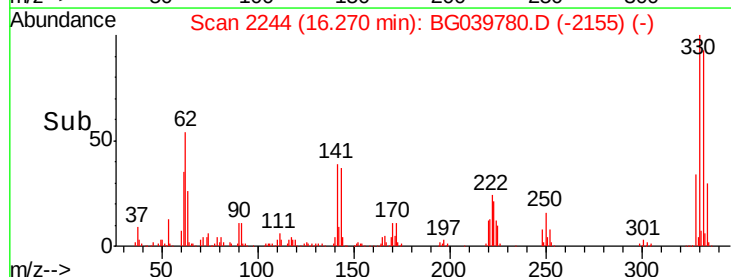
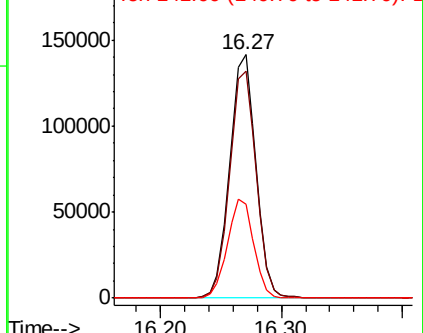
141 40.6 35.6 53.4

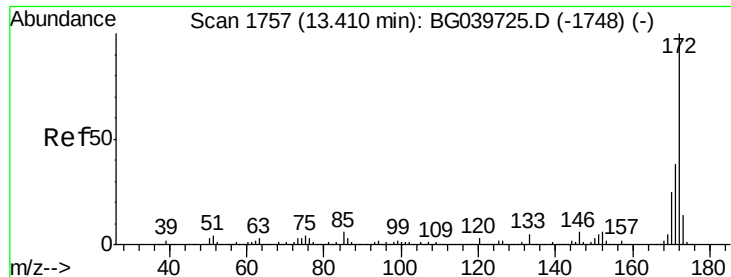


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

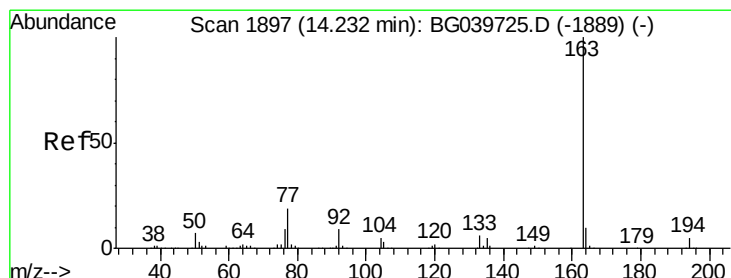
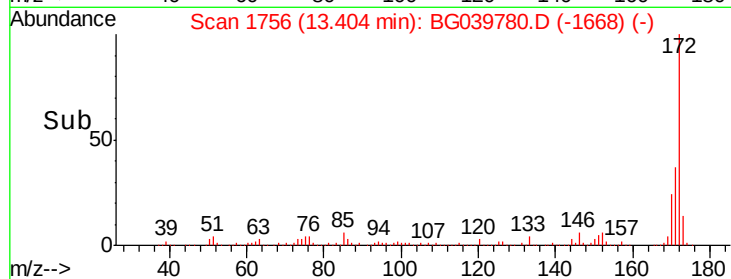
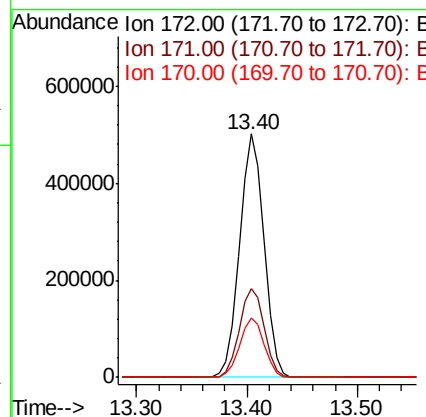
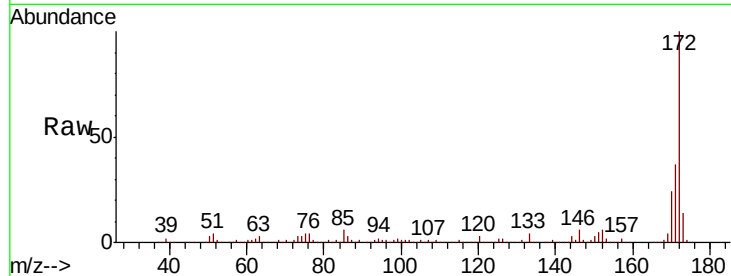




#45
2-Fluorobiphenyl
Concen: 81.590 ng
RT: 13.40 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG039780.D
Acq: 6 Mar 2019 1:22

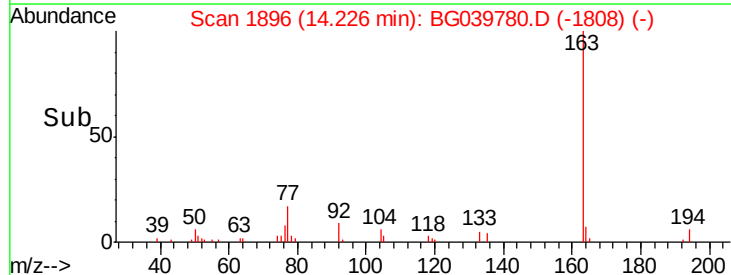
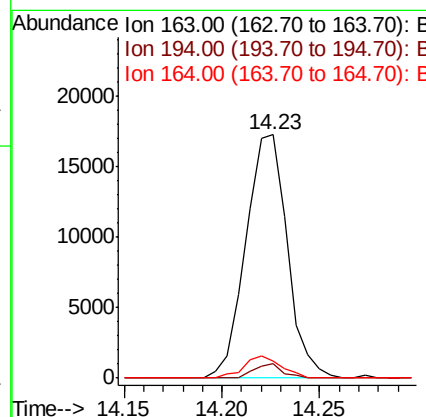
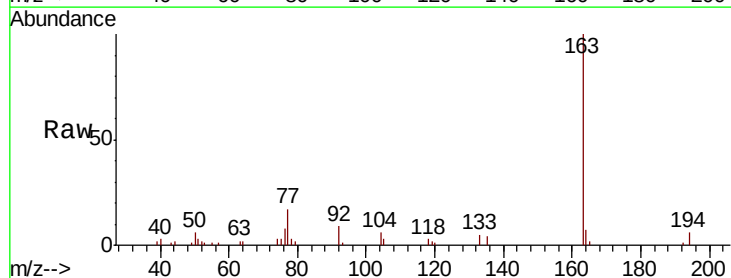
Instrument :
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ClientSampleId :
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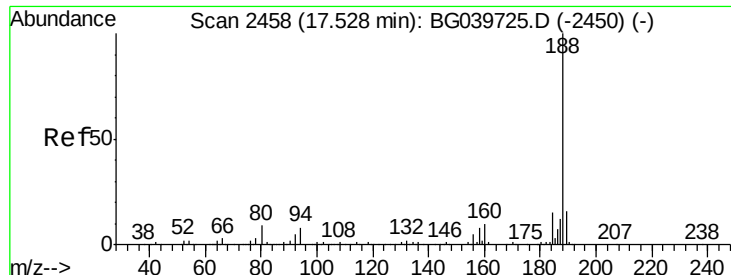
Tot Ion:172 Resp: 778680
Ion Ratio Lower Upper
172 100
171 36.6 30.8 46.2
170 24.5 20.2 30.4



#50
Dimethylphthalate
Concen: 2.232 ng
RT: 14.23 min Scan# 1896
Delta R.T. -0.01 min
Lab File: BG039780.D
Acq: 6 Mar 2019 1:22

Tgt Ion:163 Resp: 25359
Ion Ratio Lower Upper
163 100
194 5.8 3.6 5.4#
164 7.3 8.4 12.6#

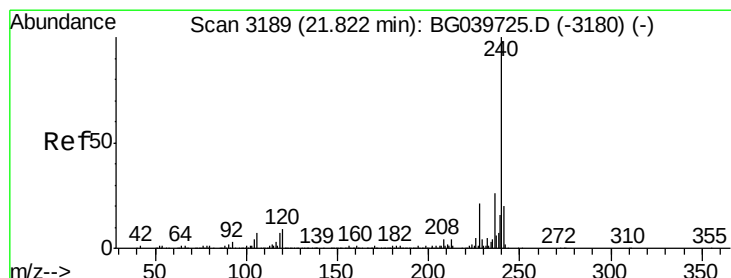
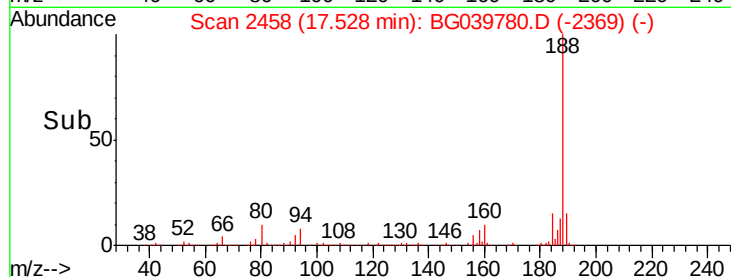
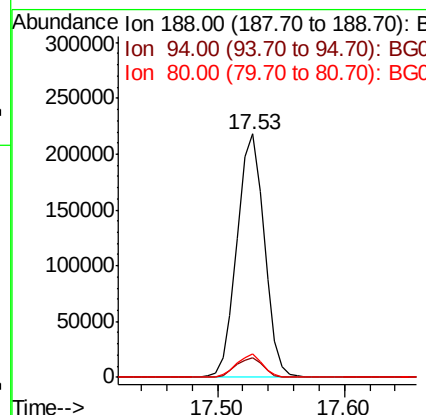
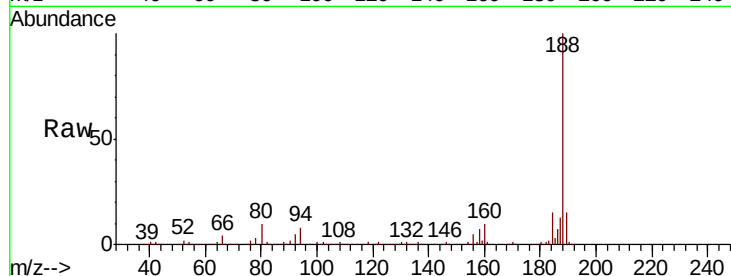




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG039780.D
Acq: 6 Mar 2019 1:22

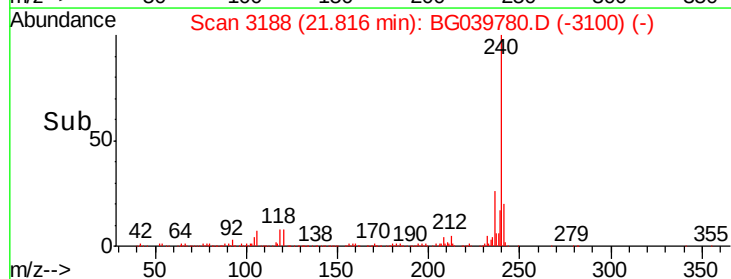
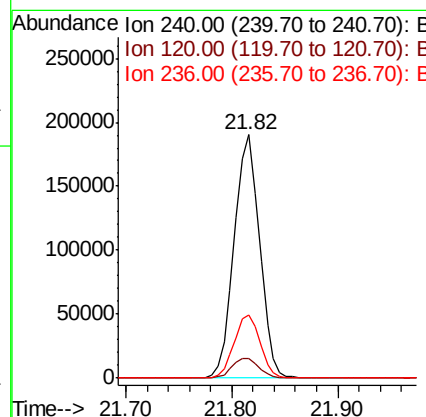
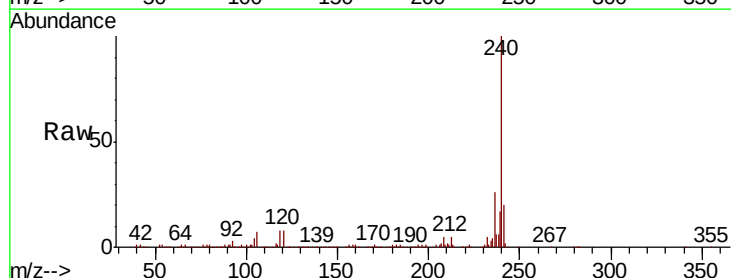
Instrument :
BNA_G
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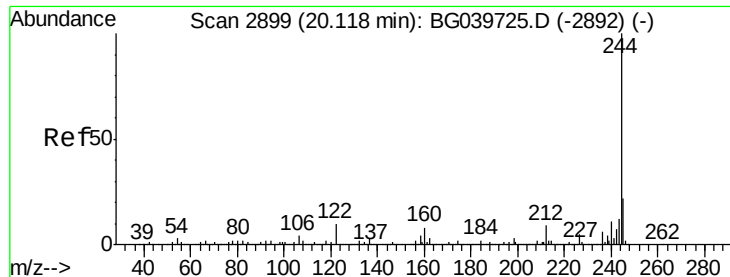
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.9	10.3
80	9.5	8.1	12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BG039780.D
Acq: 6 Mar 2019 1:22

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.9	7.0	10.6
236	26.1	21.0	31.4





#79

Terphenyl-d14

Concen: 84.648 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039780.D

Acq: 6 Mar 2019 1:22

Instrument :

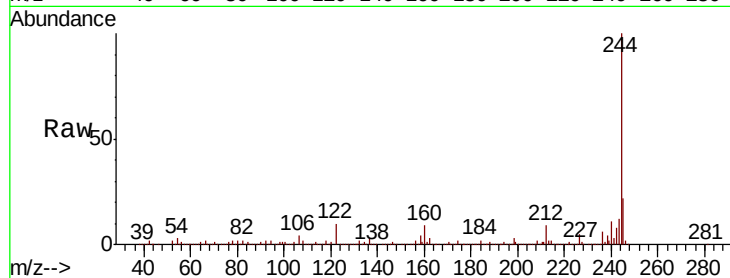
BNA_G

ClientSampleId :

MW-9

Tot Ion:244 Resp: 1214275

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.3	10.9
122	10.4	8.4	12.6

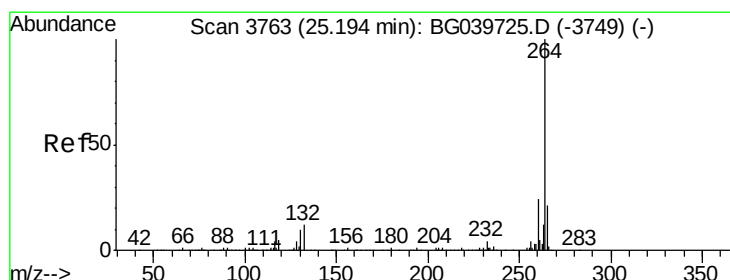
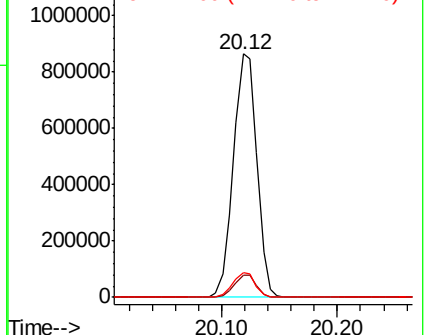
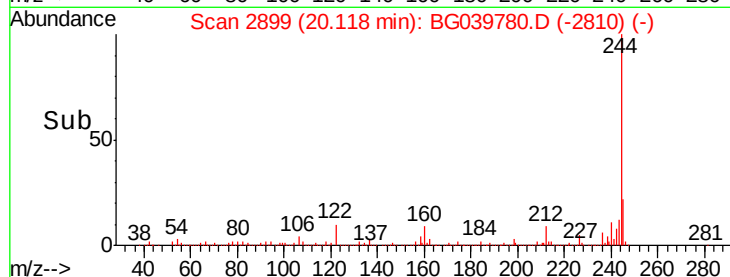


Abundance

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

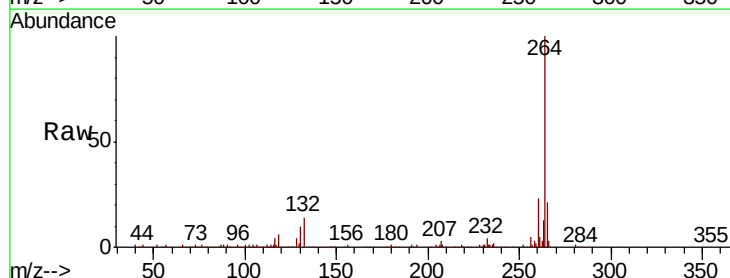
Delta R.T. -0.02 min

Lab File: BG039780.D

Acq: 6 Mar 2019 1:22

Tgt Ion:264 Resp: 316410

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.4
265	20.7	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

