

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020119\
 Data File : BG039354.D
 Acq On : 1 Feb 2019 22:30
 Operator : JU/SJ
 Sample : K1307-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 013019-SIDI-E-D-B

Quant Time: Feb 02 02:11:58 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

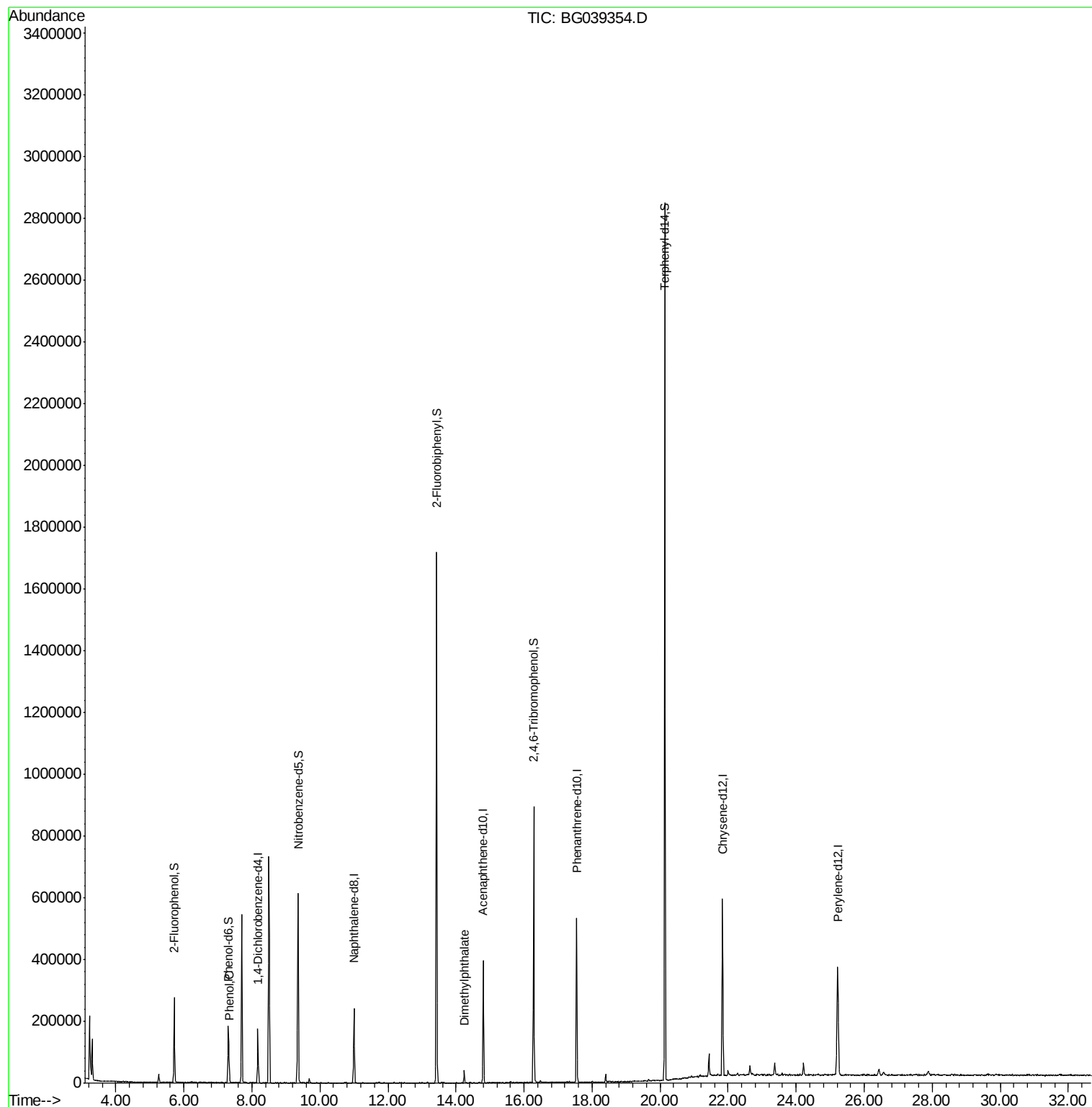
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	48828	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	205809	20.00	ng	0.00
39) Acenaphthene-d10	14.80	164	138374	20.00	ng	-0.01
64) Phenanthrene-d10	17.55	188	330127	20.00	ng	0.00
76) Chrysene-d12	21.84	240	350281	20.00	ng	-0.01
87) Perylene-d12	25.22	264	352704	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	114916	40.28	ng	0.00
7) Phenol-d6	7.31	99	101079	24.07	ng	-0.01
23) Nitrobenzene-d5	9.36	82	365440	110.93	ng	0.00
42) 2,4,6-Tribromophenol	16.28	330	153127	102.77	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	907194	94.05	ng	0.00
79) Terphenyl-d14	20.14	244	1288557	77.87	ng	-0.01
Target Compounds						
10) Phenol	7.34	94	19503	4.455	ng	92
50) Dimethylphthalate	14.25	163	26295	2.353	ng	# 99

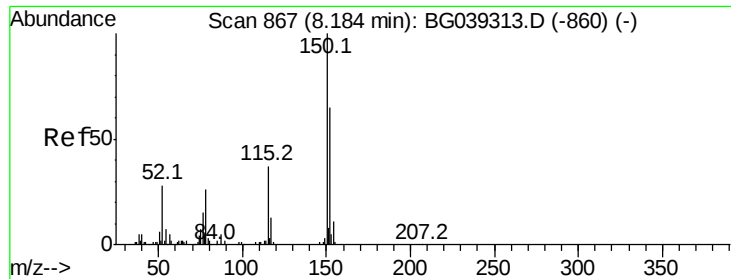
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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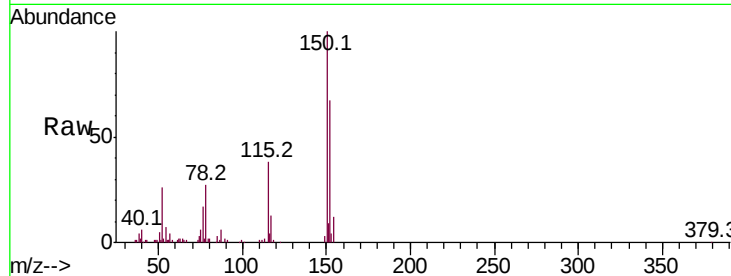


#1

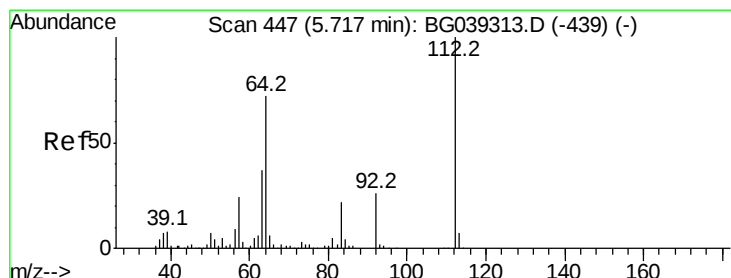
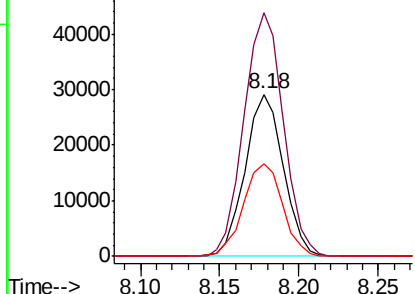
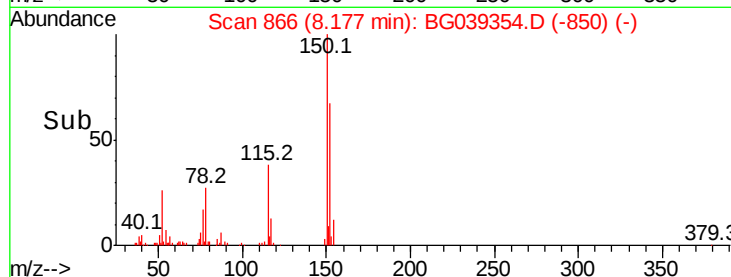
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG039354.D
Acq: 1 Feb 2019 22:30

Instrument :
BNA_G
ClientSampleId :
013019-SIDI-E-D-B

Tot Ion:152 Resp: 48828
Ion Ratio Lower Upper
152 100
150 150.1 123.7 185.5
115 56.8 45.9 68.9



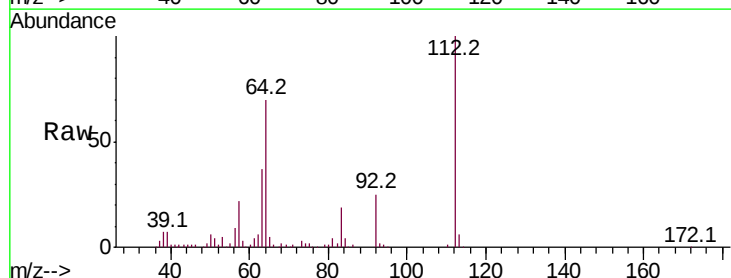
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



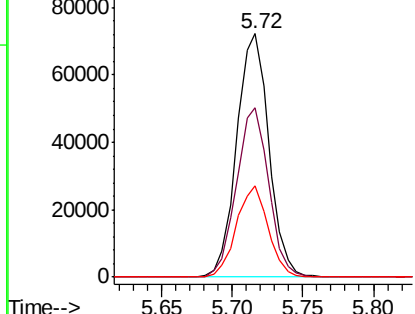
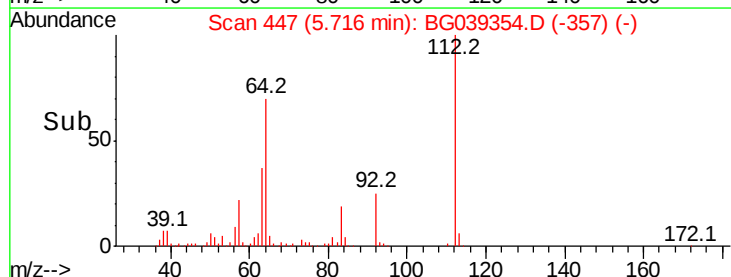
#5

2-Fluorophenol
Concen: 40.280 ng
RT: 5.72 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039354.D
Acq: 1 Feb 2019 22:30

Tgt Ion:112 Resp: 114916
Ion Ratio Lower Upper
112 100
64 69.5 57.8 86.8
63 37.2 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: 24.070 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG039354.D

Acq: 1 Feb 2019 22:30

Instrument :

BNA_G

ClientSampleId :

013019-SIDI-E-D-B

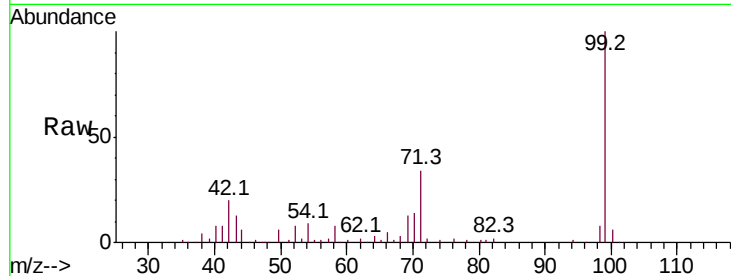
Tot Ion: 99 Resp: 101079

Ion Ratio Lower Upper

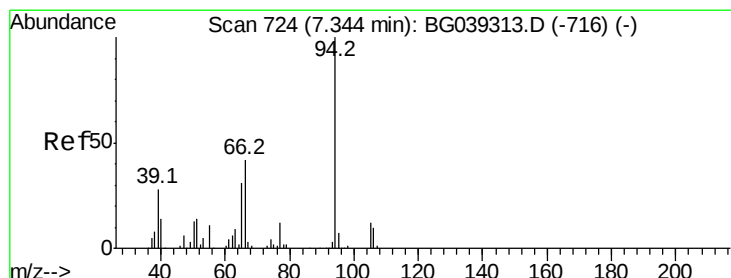
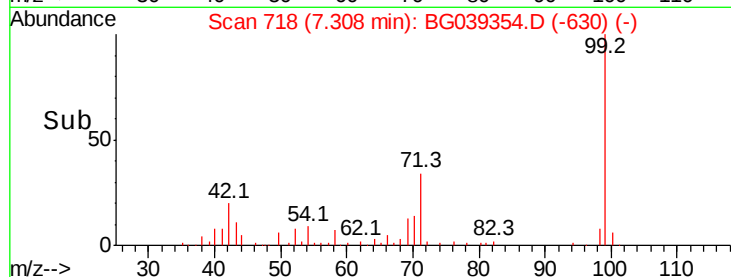
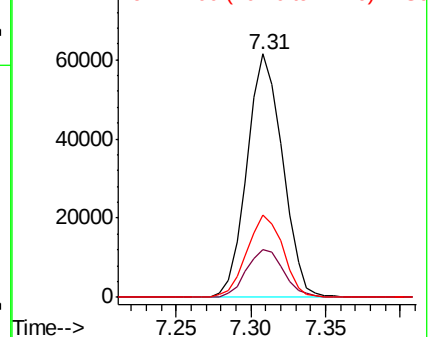
99 100

42 19.8 18.2 27.2

71 33.8 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: 4.455 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BG039354.D

Acq: 1 Feb 2019 22:30

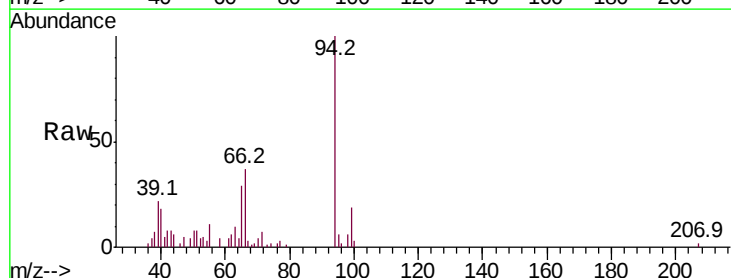
Tgt Ion: 94 Resp: 19503

Ion Ratio Lower Upper

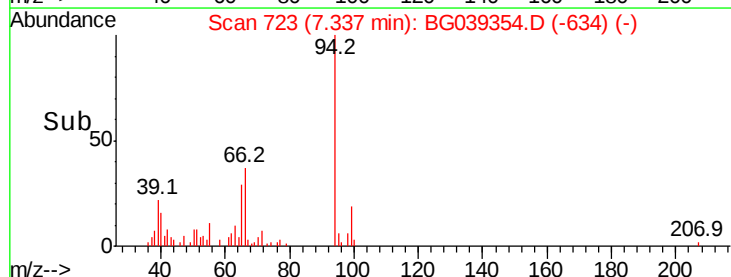
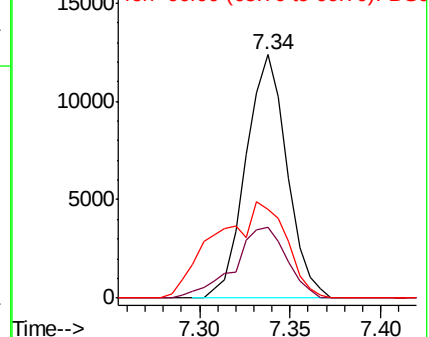
94 100

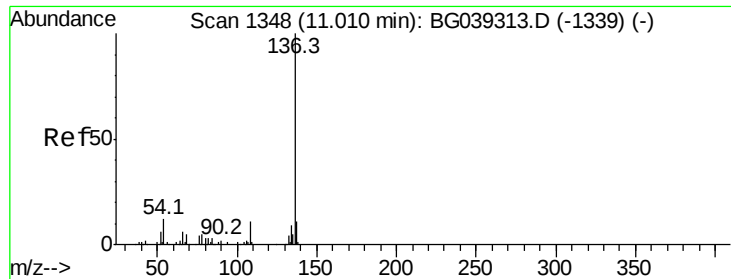
65 29.2 11.7 51.7

66 36.6 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

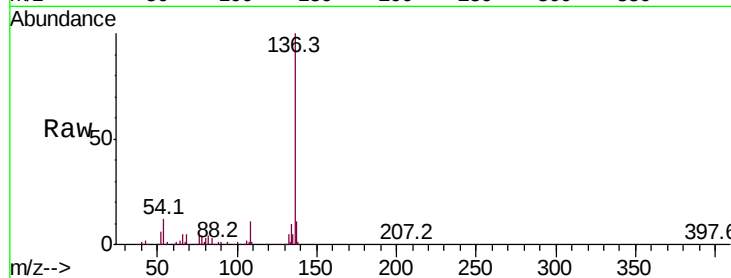




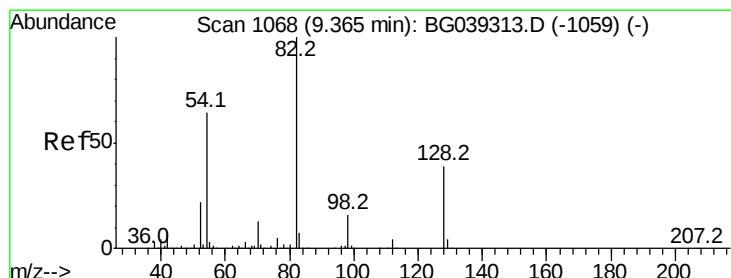
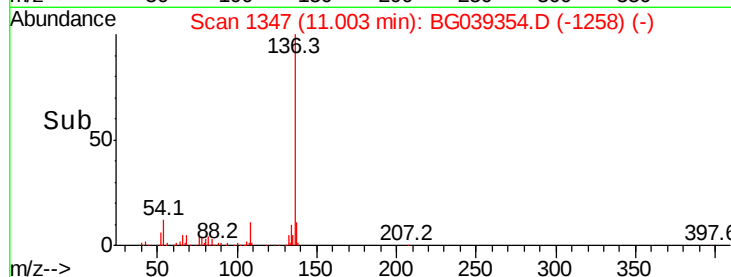
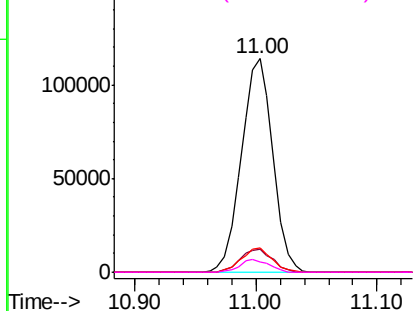
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG039354.D
Acq: 1 Feb 2019 22:30

Instrument :
BNA_G
ClientSampleId :
013019-SIDI-E-D-B

Tot Ion:	136	Resp:	205809
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	11.5	9.4	14.2
68	5.1	4.2	6.4

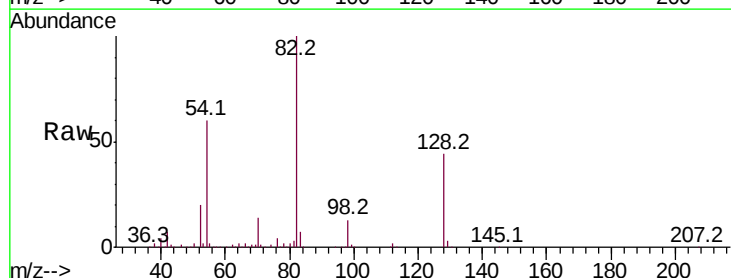


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

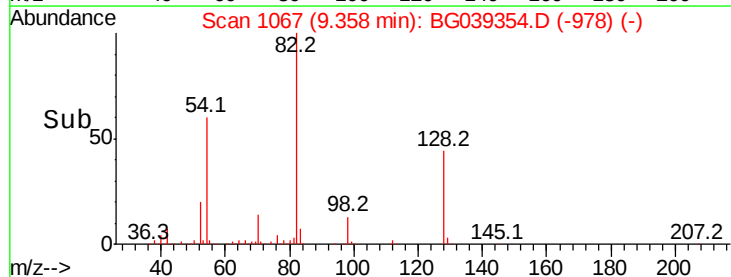
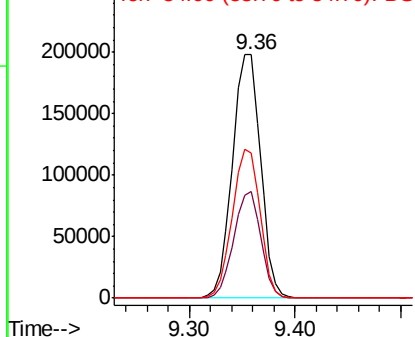


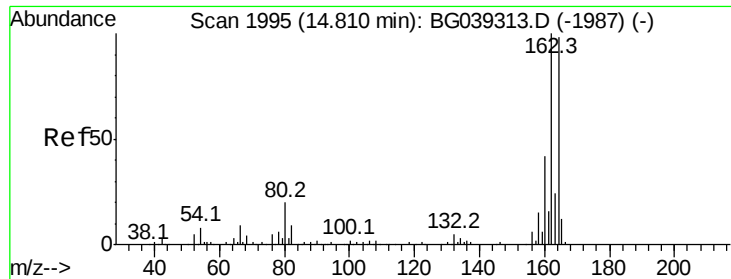
#23
Nitrobenzene-d5
Concen: 110.926 ng
RT: 9.36 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BG039354.D
Acq: 1 Feb 2019 22:30

Tgt Ion:	82	Resp:	365440
Ion	Ratio	Lower	Upper
82	100		
128	43.7	31.3	46.9
54	59.7	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: 14.80 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BG039354.D

Acq: 1 Feb 2019 22:30

Instrument :

BNA_G

ClientSampleId :

013019-SIDI-E-D-B

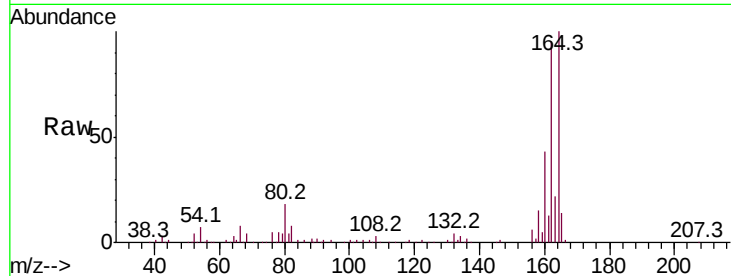
Tot Ion:164 Resp: 138374

Ion Ratio Lower Upper

164 100

162 94.9 81.6 122.4

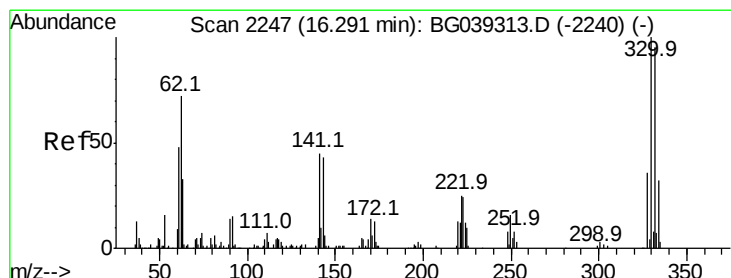
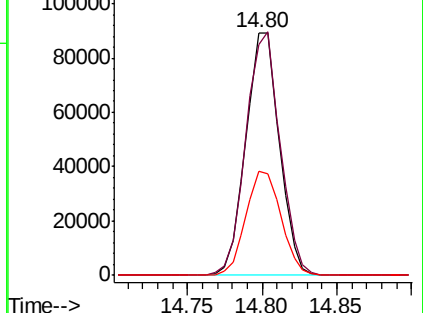
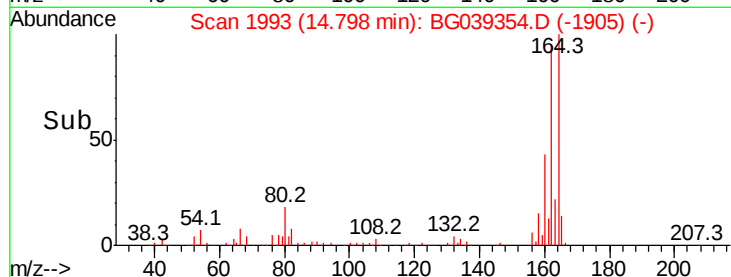
160 43.0 34.2 51.2



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: 102.766 ng

RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG039354.D

Acq: 1 Feb 2019 22:30

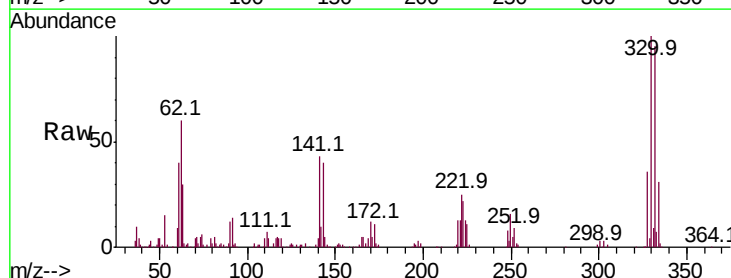
Tgt Ion:330 Resp: 153127

Ion Ratio Lower Upper

330 100

332 94.2 75.7 113.5

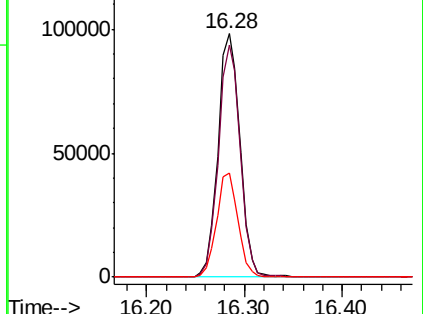
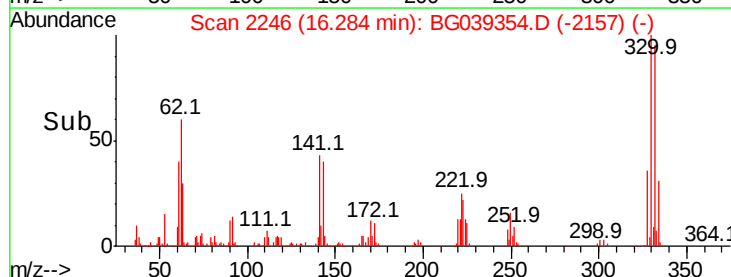
141 41.5 35.6 53.4

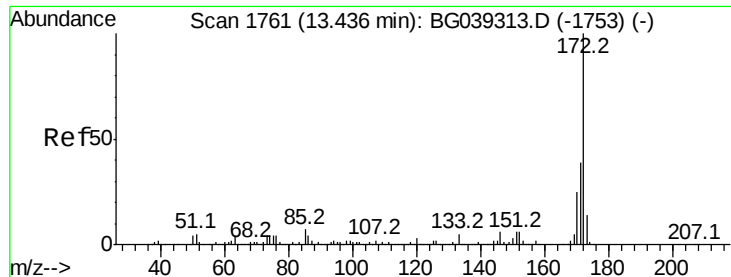


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

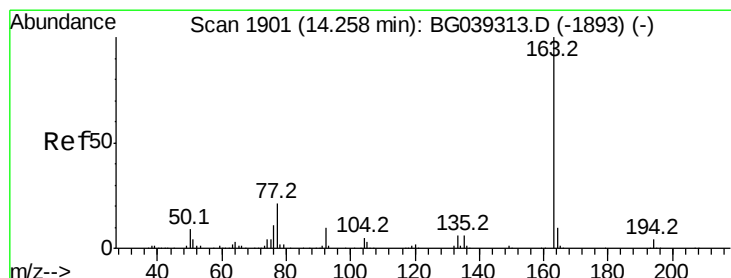
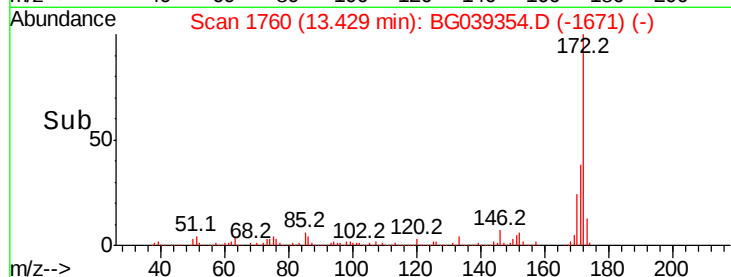
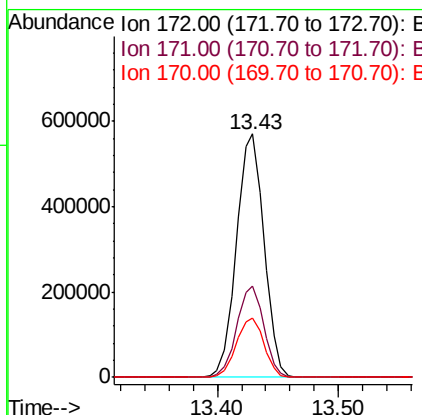
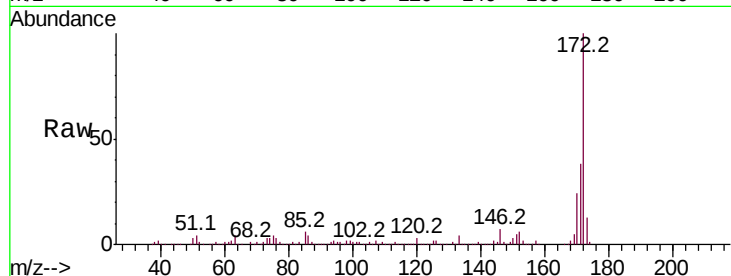




#45
2-Fluorobiphenyl
Concen: 94.051 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BG039354.D
Acq: 1 Feb 2019 22:30

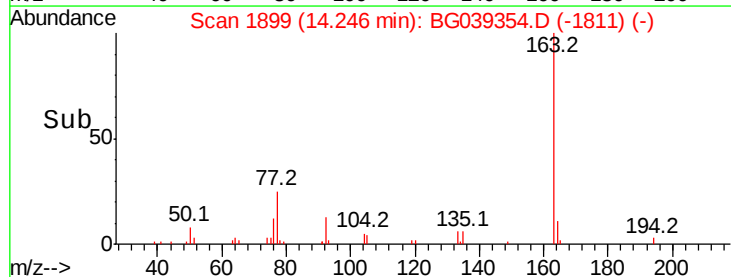
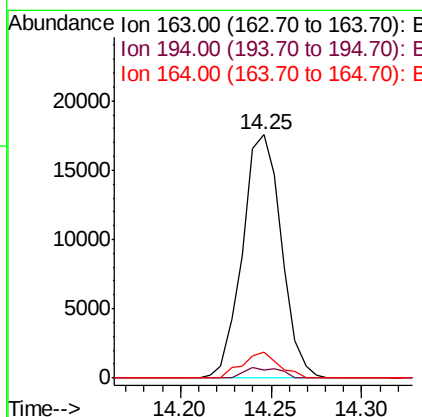
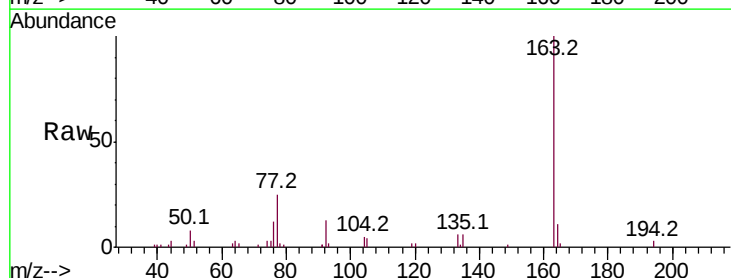
Instrument :
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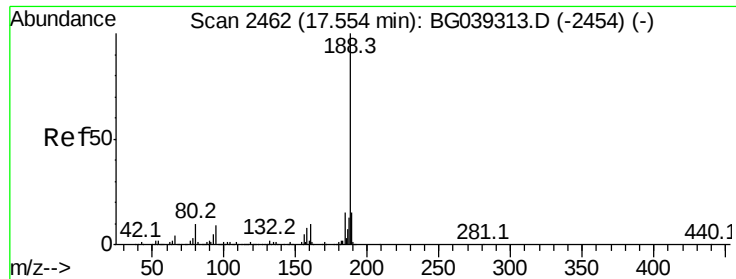
Tot Ion:172 Resp: 907194
Ion Ratio Lower Upper
172 100
171 37.7 30.8 46.2
170 24.4 20.2 30.4



#50
Dimethylphthalate
Concen: 2.353 ng
RT: 14.25 min Scan# 1899
Delta R.T. -0.01 min
Lab File: BG039354.D
Acq: 1 Feb 2019 22:30

Tgt Ion:163 Resp: 26295
Ion Ratio Lower Upper
163 100
194 3.5 3.6 5.4#
164 10.6 8.4 12.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.55 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BG039354.D

Acq: 1 Feb 2019 22:30

Instrument :

BNA_G

ClientSampleId :

013019-SIDI-E-D-B

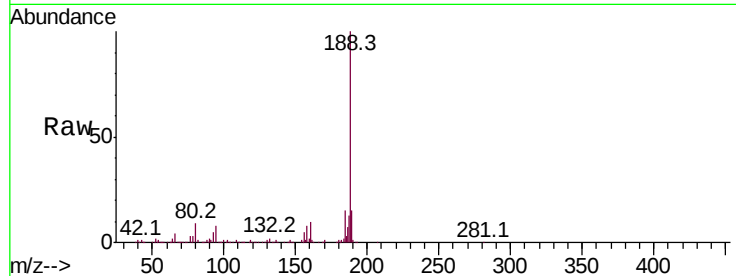
Tot Ion:188 Resp: 330127

Ion Ratio Lower Upper

188 100

94 8.2 6.9 10.3

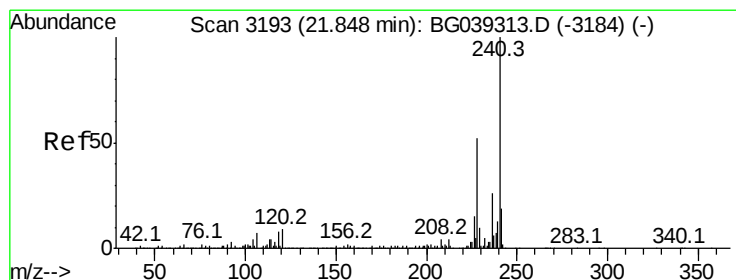
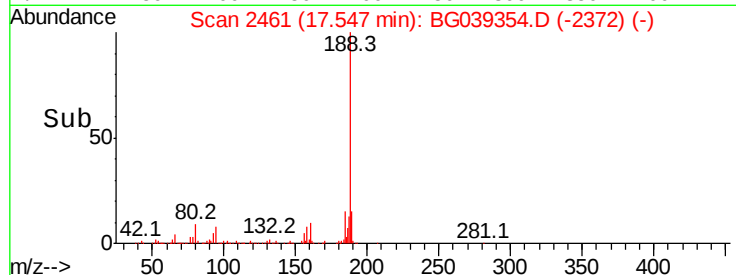
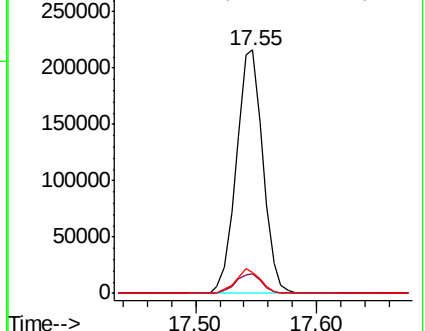
80 8.6 8.1 12.1



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: 21.84 min Scan# 3191

Delta R.T. -0.01 min

Lab File: BG039354.D

Acq: 1 Feb 2019 22:30

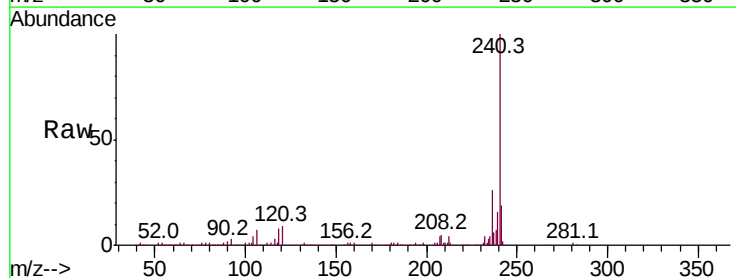
Tgt Ion:240 Resp: 350281

Ion Ratio Lower Upper

240 100

120 8.7 7.0 10.6

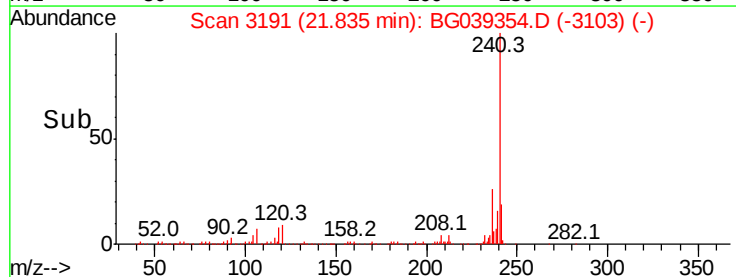
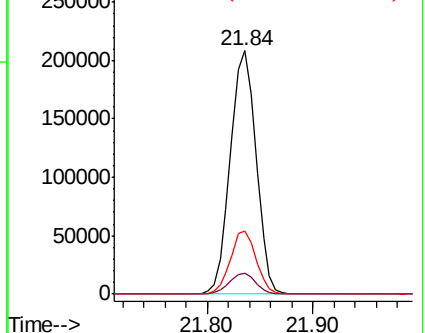
236 25.9 21.0 31.4

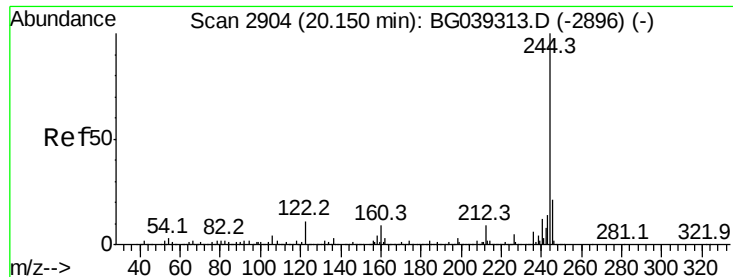


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 77.865 ng

RT: 20.14 min Scan# 2902

Delta R.T. -0.01 min

Lab File: BG039354.D

Acq: 1 Feb 2019 22:30

Instrument :

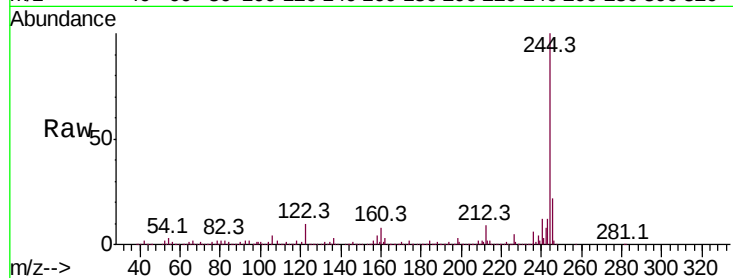
BNA_G

ClientSampleId :

013019-SIDI-E-D-B

Tot Ion:244 Resp: 1288557

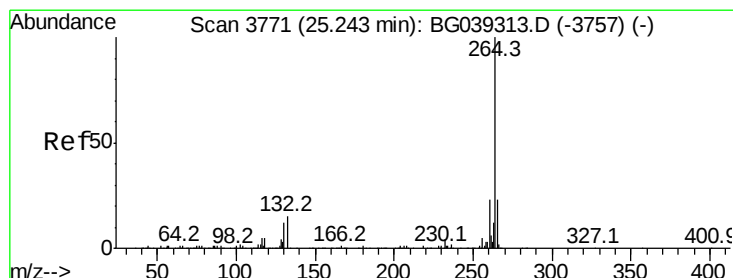
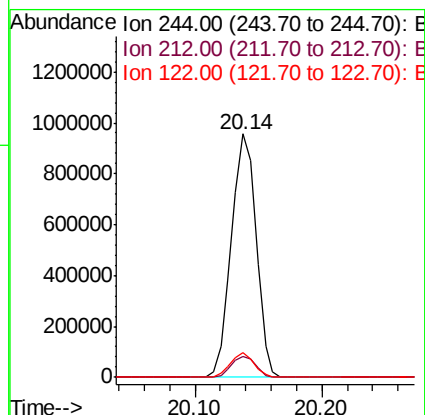
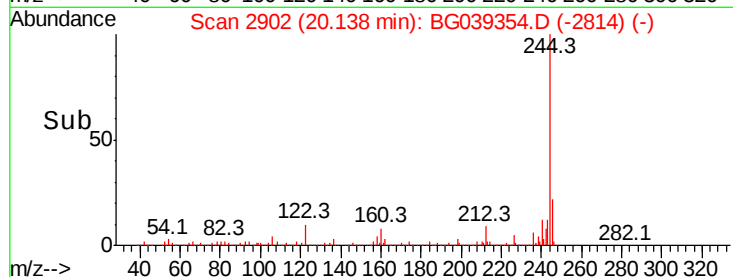
Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.3	10.9
122	9.9	8.4	12.6



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: 25.22 min Scan# 3767

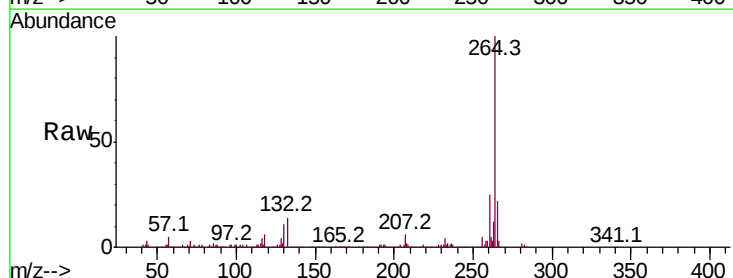
Delta R.T. -0.02 min

Lab File: BG039354.D

Acq: 1 Feb 2019 22:30

Tgt Ion:264 Resp: 352704

Ion	Ratio	Lower	Upper
264	100		
260	25.2	18.2	27.4
265	22.0	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

