

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011519\
 Data File : BG039136.D
 Acq On : 15 Jan 2019 17:55
 Operator : JU/SJ
 Sample : K1126-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT-3451

Quant Time: Jan 16 01:09:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

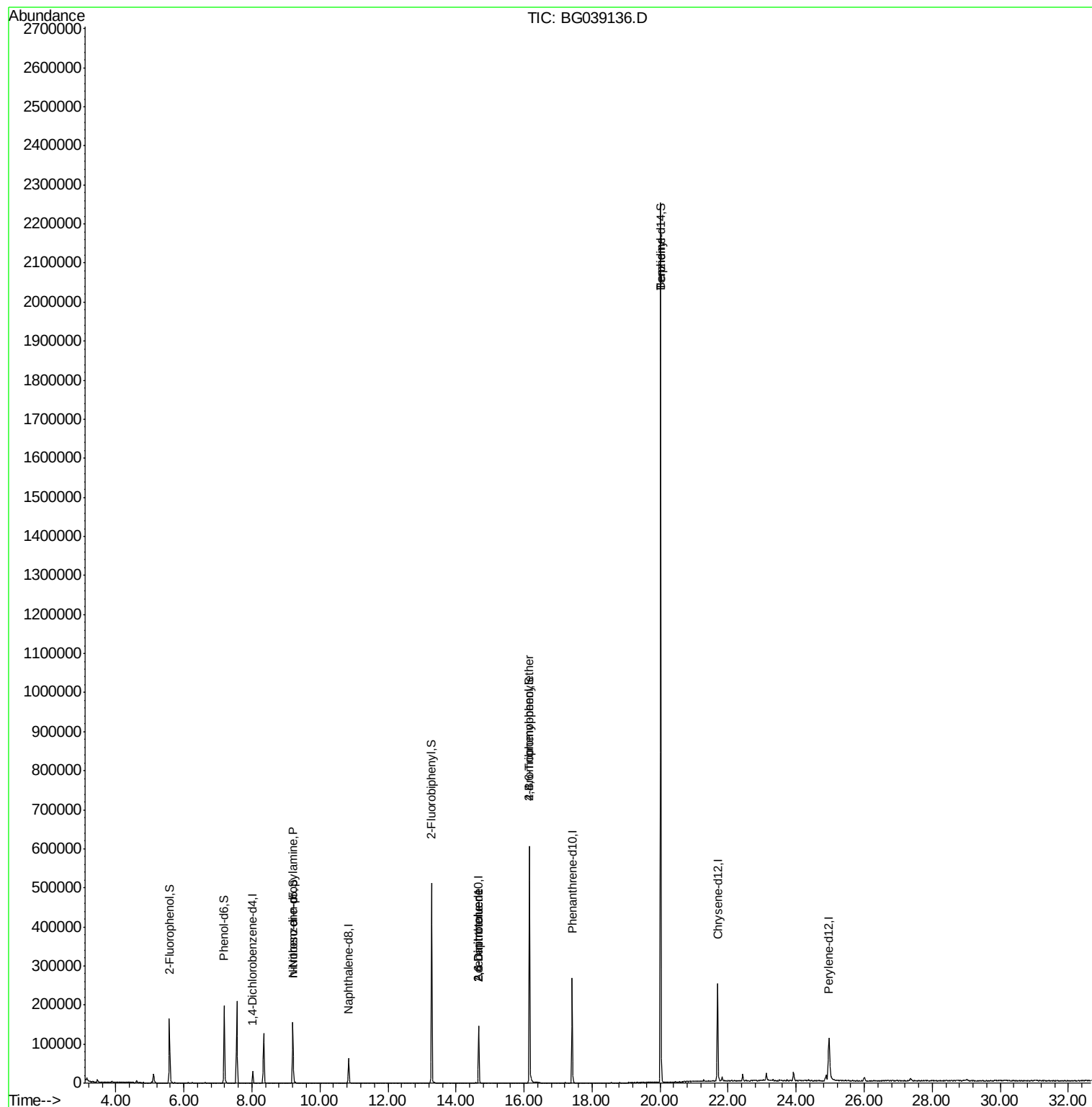
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	9777	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	64100	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	55980	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	175464	20.00	ng	0.00
76) Chrysene-d12	21.69	240	178903	20.00	ng	-0.01
87) Perylene-d12	24.97	264	169304	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	86190	167.23	ng	0.00
7) Phenol-d6	7.18	99	124913	168.41	ng	0.00
23) Nitrobenzene-d5	9.20	82	98486	84.07	ng	-0.01
42) 2,4,6-Tribromophenol	16.16	330	139747	148.92	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	288386	70.50	ng	0.00
79) Terphenyl-d14	20.02	244	1096135	113.34	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	12881	26.446	ng	# 61
51) 2,6-Dinitrotoluene	14.66	165	7114	6.726	ng	# 24
57) 2,4-Dinitrotoluene	14.66	165	7114	4.688	ng	# 26
67) 4-Bromophenyl-phenylether	16.16	248	9192	4.075	ng	# 1
77) Benzidine	20.02	184	17448	3.189	ng	# 94

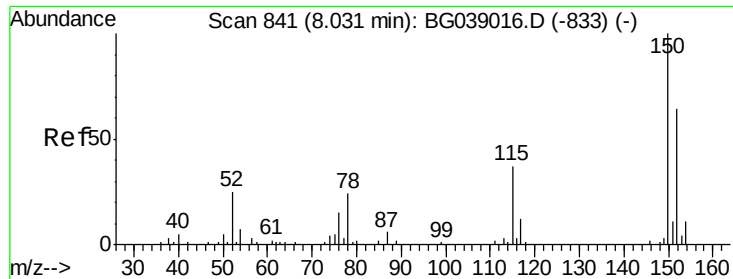
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011519\
Data File : BG039136.D
Acq On : 15 Jan 2019 17:55
Operator : JU/SJ
Sample : K1126-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RT-3451

Quant Time: Jan 16 01:09:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 09 14:23:53 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.03 min Scan# 840

Delta R.T. -0.01 min

Lab File: BG039136.D

Acq: 15 Jan 2019 17:55

Instrument :

BNA_G

ClientSampleId :

RT-3451

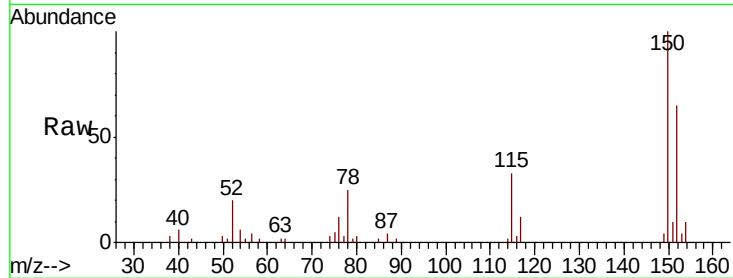
Tgt Ion:152 Resp: 9777

Ion Ratio Lower Upper

152 100

150 154.8 124.7 187.1

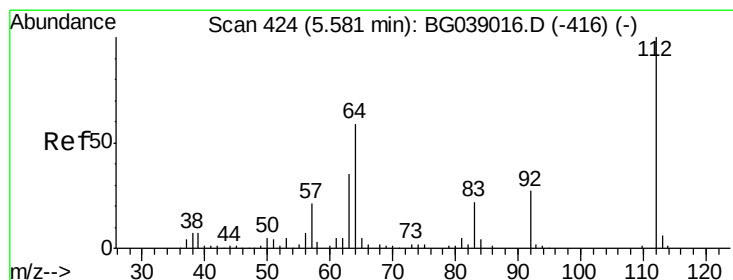
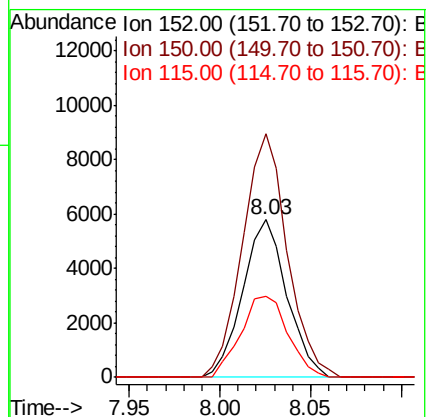
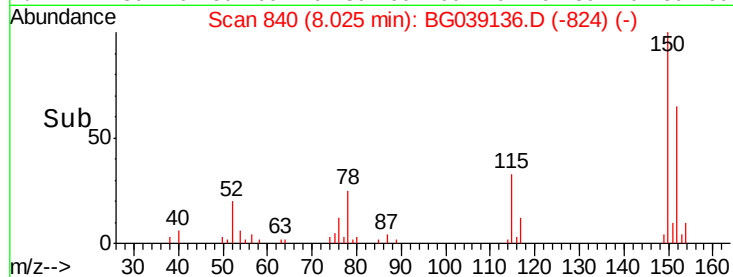
115 51.2 46.5 69.7



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: 167.230 ng

RT: 5.58 min Scan# 424

Delta R.T. -0.00 min

Lab File: BG039136.D

Acq: 15 Jan 2019 17:55

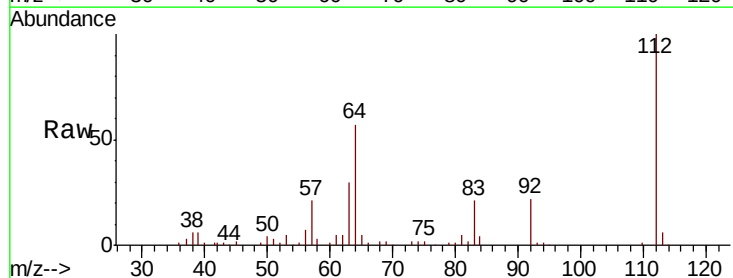
Tgt Ion:112 Resp: 86190

Ion Ratio Lower Upper

112 100

64 57.4 47.0 70.6

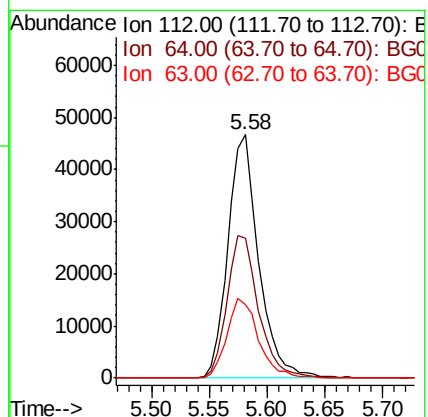
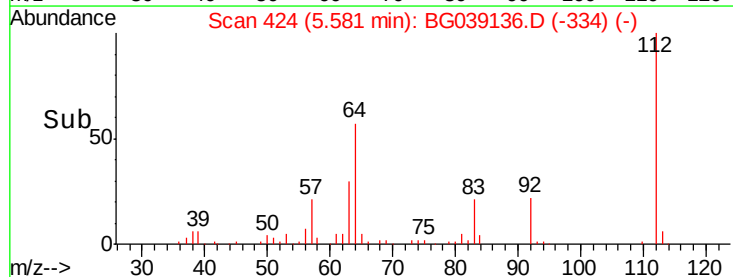
63 30.3 28.0 42.0

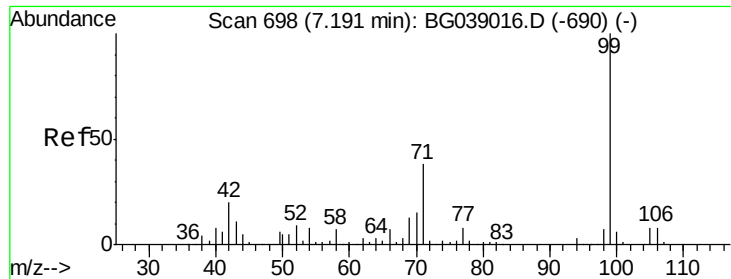


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 168.409 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG039136.D

Acq: 15 Jan 2019 17:55

Instrument :

BNA_G

ClientSampleId :

RT-3451

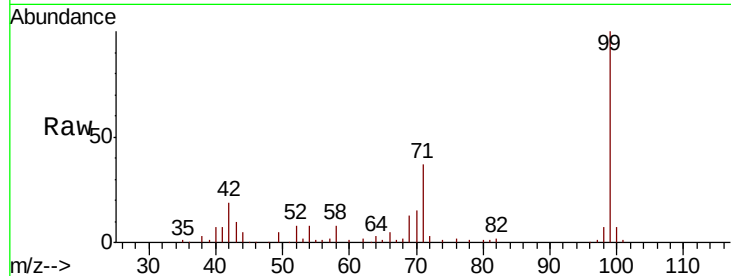
Tgt Ion: 99 Resp: 124913

Ion Ratio Lower Upper

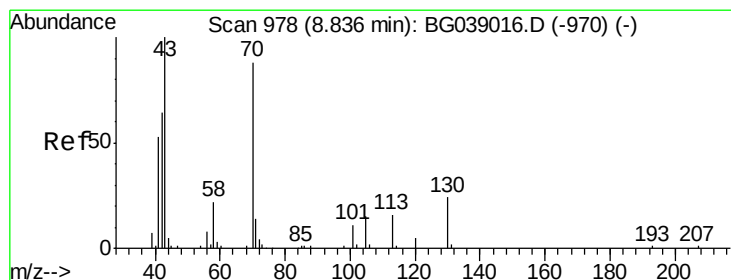
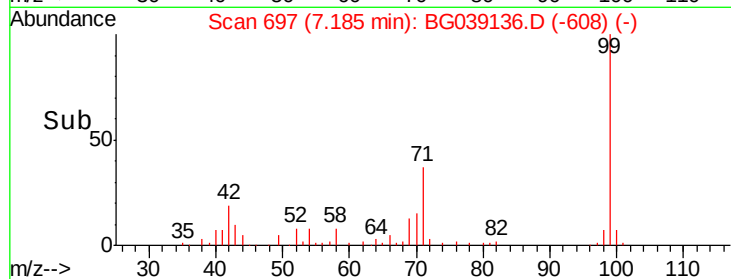
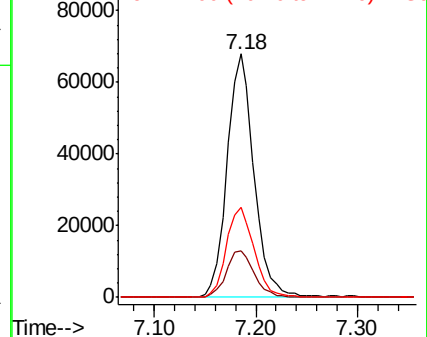
99 100

42 19.0 15.8 23.6

71 37.2 30.2 45.4



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



#19

n-Nitroso-di-n-propylamine

Concen: 26.446 ng

RT: 9.20 min Scan# 1040

Delta R.T. 0.36 min

Lab File: BG039136.D

Acq: 15 Jan 2019 17:55

Tgt Ion: 70 Resp: 12881

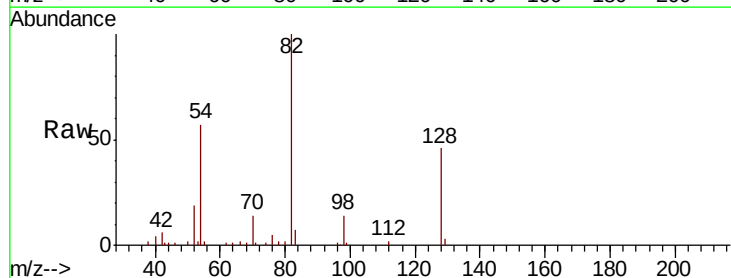
Ion Ratio Lower Upper

70 100

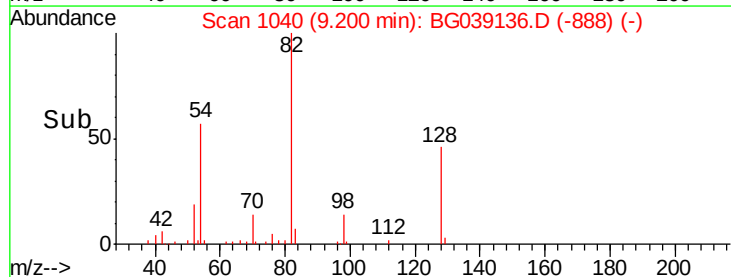
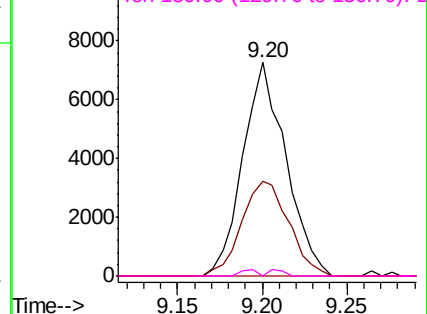
42 44.4 59.0 88.4#

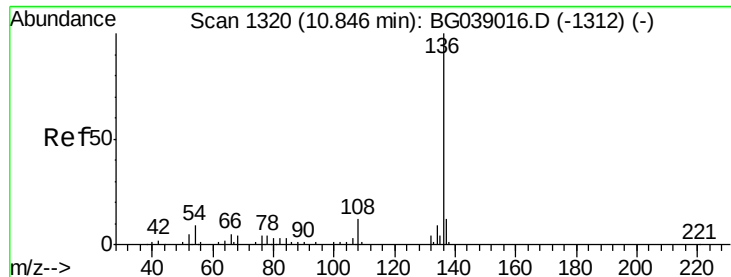
101 0.0 10.4 15.6#

130 0.0 21.6 32.4#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

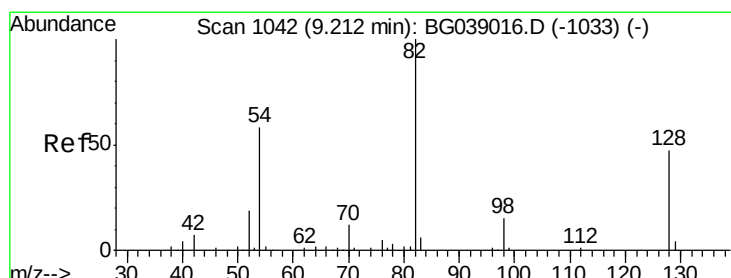
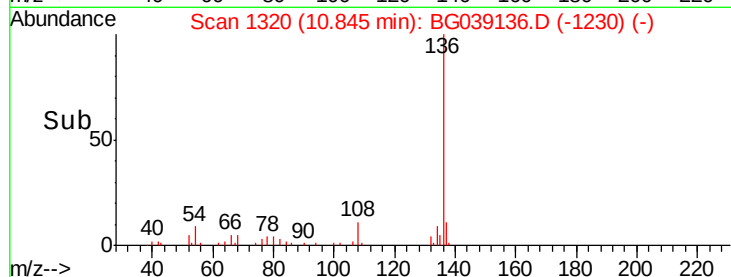
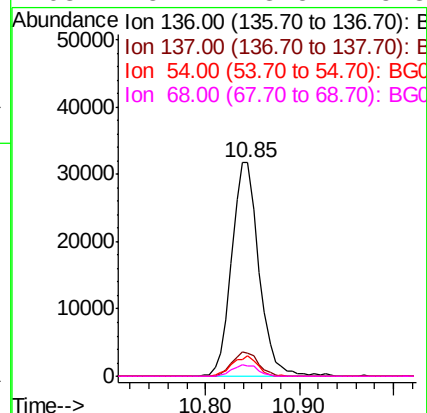
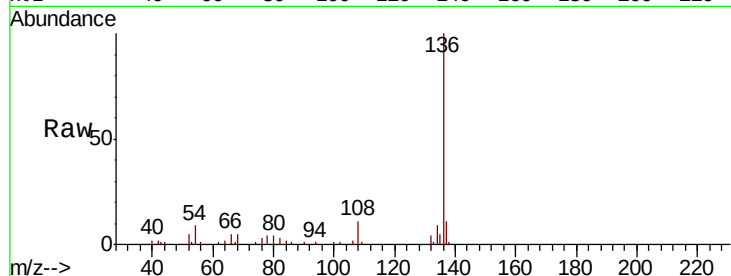




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG039136.D
Acq: 15 Jan 2019 17:55

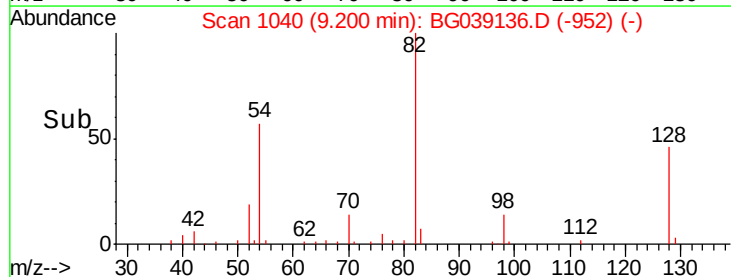
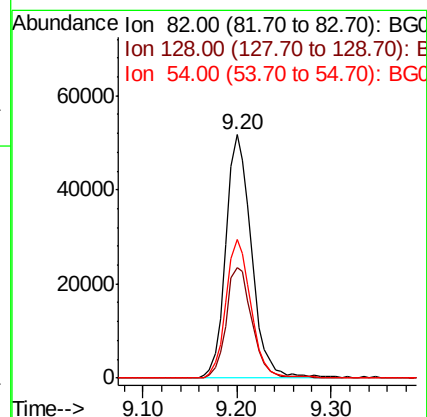
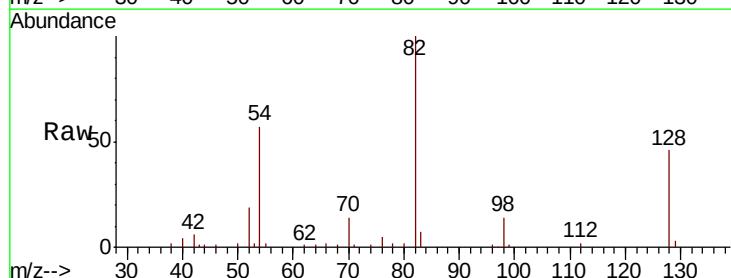
Instrument :
BNA_G
ClientSampleId :
RT-3451

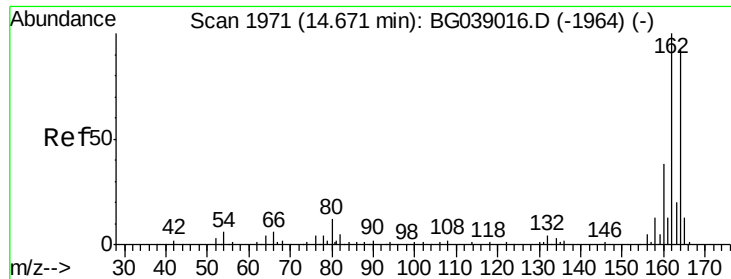
Tgt Ion:	136	Resp:	64100
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.4	14.2
54	9.5	7.2	10.8
68	5.1	3.5	5.3



#23
Nitrobenzene-d5
Concen: 84.073 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG039136.D
Acq: 15 Jan 2019 17:55

Tgt Ion:	82	Resp:	98486
Ion	Ratio	Lower	Upper
82	100		
128	45.6	37.3	55.9
54	57.0	46.4	69.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BG039136.D

Acq: 15 Jan 2019 17:55

Instrument :

BNA_G

ClientSampleId :

RT-3451

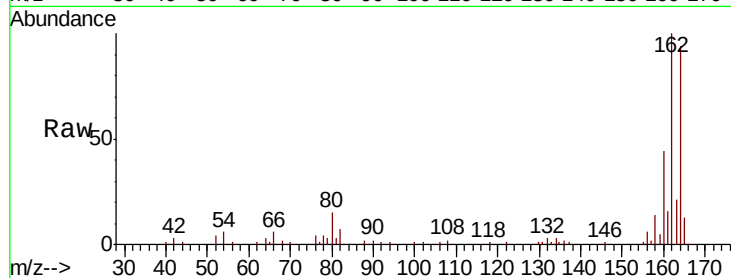
Tgt Ion:164 Resp: 55980

Ion Ratio Lower Upper

164 100

162 106.8 87.2 130.8

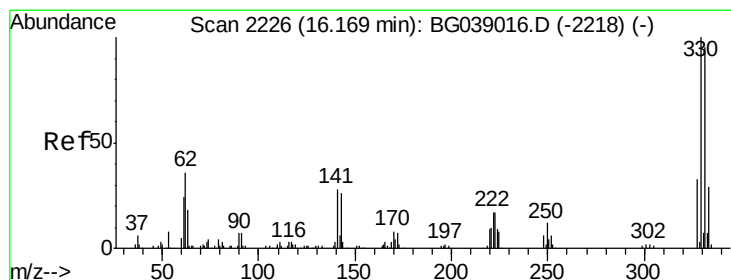
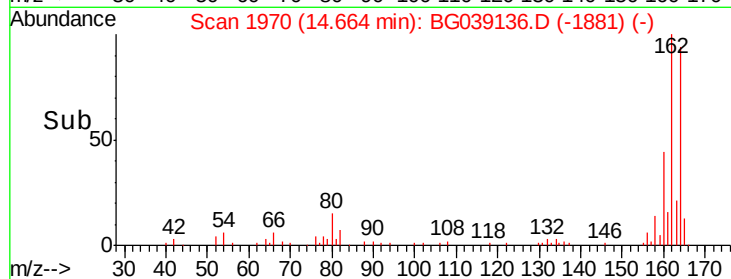
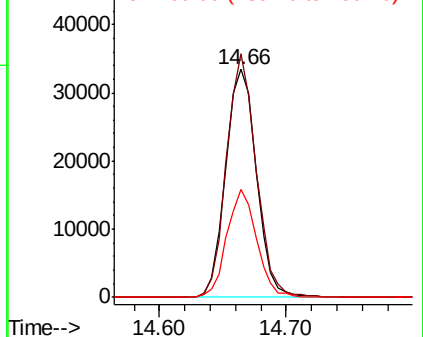
160 47.4 33.3 49.9



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: 148.924 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG039136.D

Acq: 15 Jan 2019 17:55

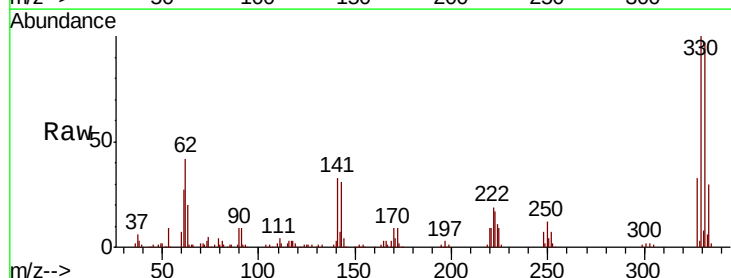
Tgt Ion:330 Resp: 139747

Ion Ratio Lower Upper

330 100

332 96.7 75.7 113.5

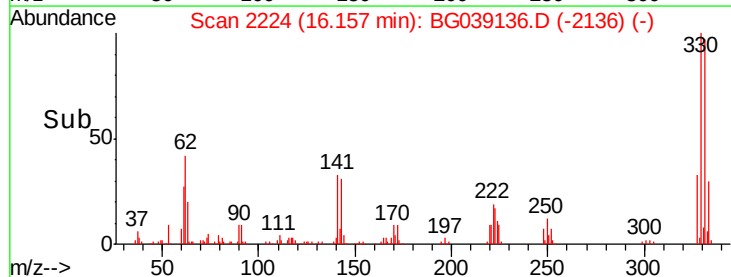
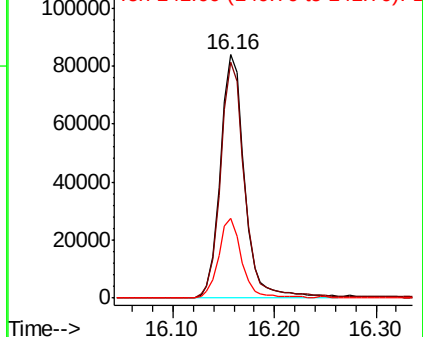
141 31.3 24.9 37.3

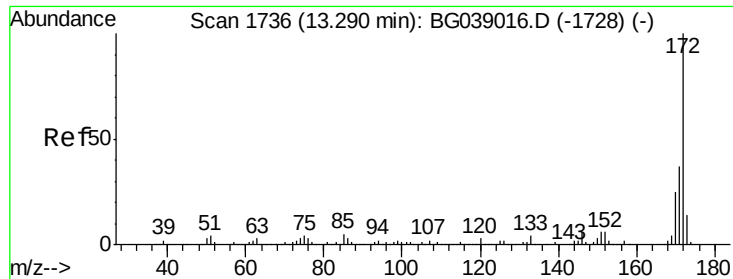


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

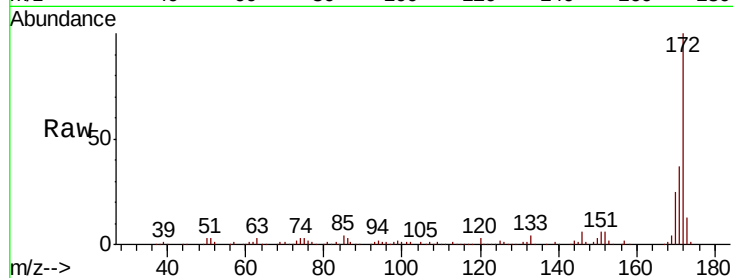




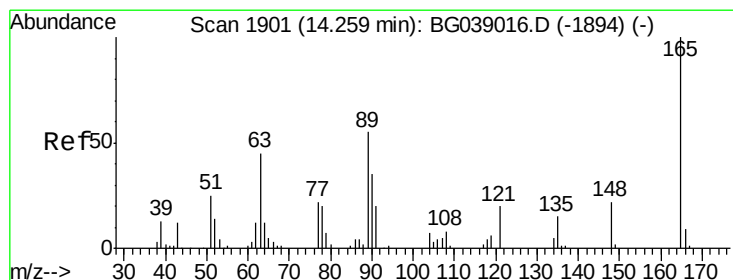
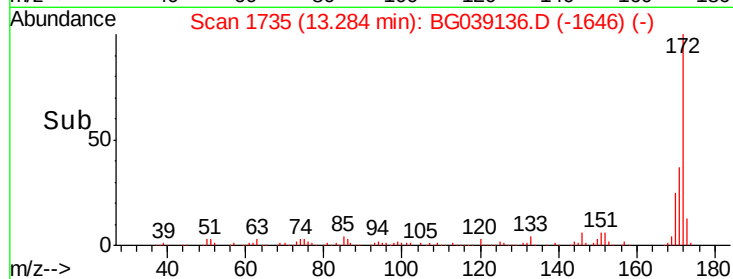
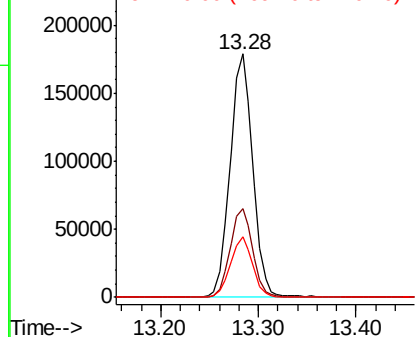
#45
 2-Fluorobiphenyl
 Concen: 70.503 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BG039136.D
 Acq: 15 Jan 2019 17:55

Instrument :
 BNA_G
 ClientSampleId :
 RT-3451

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.0
170	25.0	20.1	30.1

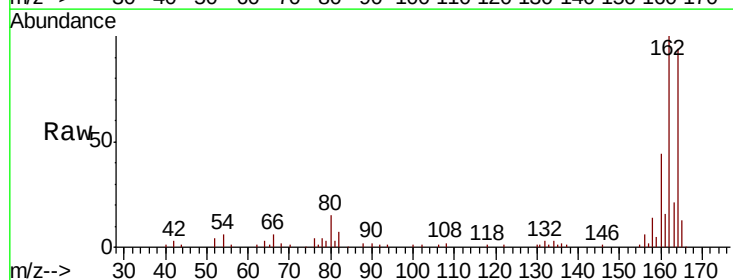


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

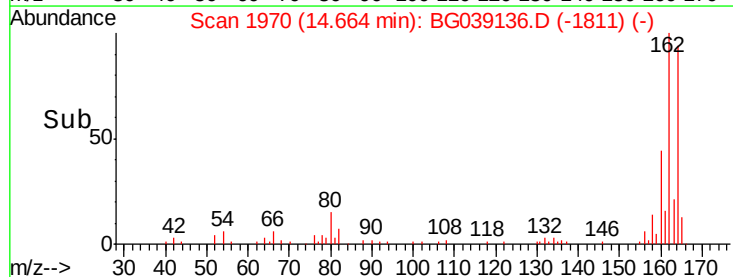
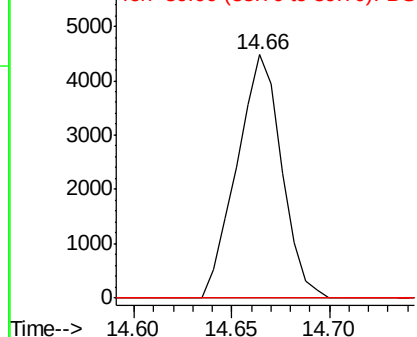


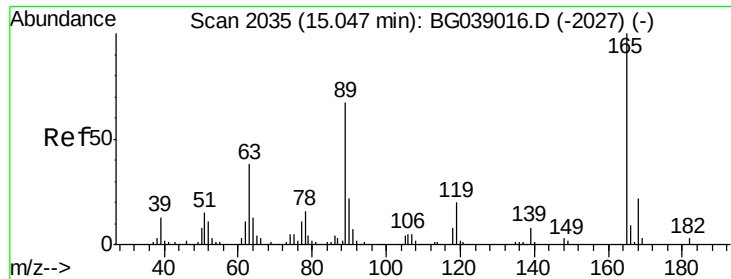
#51
 2,6-Dinitrotoluene
 Concen: 6.726 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. 0.40 min
 Lab File: BG039136.D
 Acq: 15 Jan 2019 17:55

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.6	65.4#
89	0.0	43.7	65.5#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

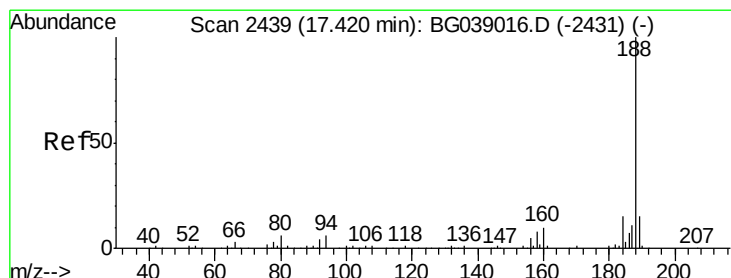
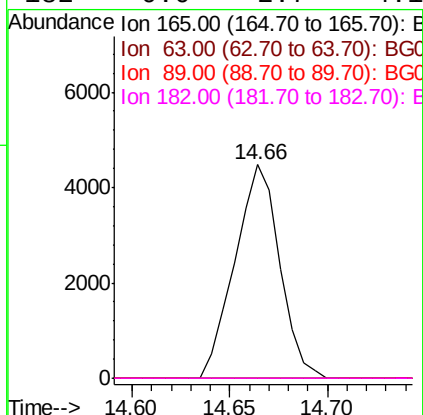
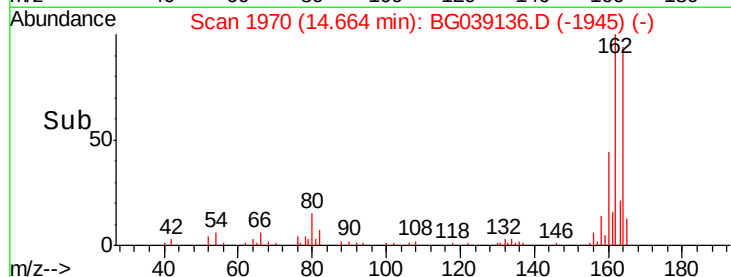
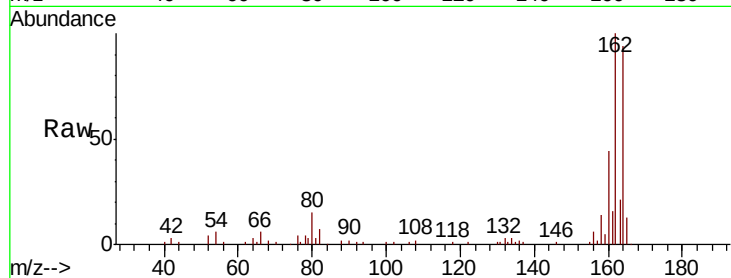




#57
 2,4-Dinitrotoluene
 Concen: 4.688 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.38 min
 Lab File: BG039136.D
 Acq: 15 Jan 2019 17:55

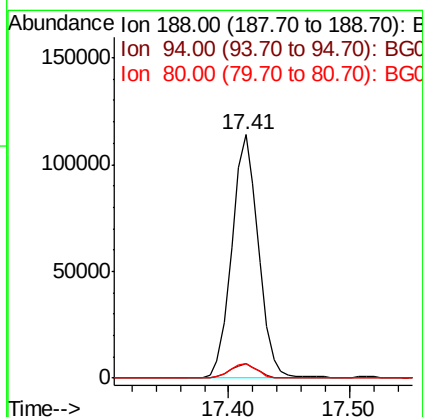
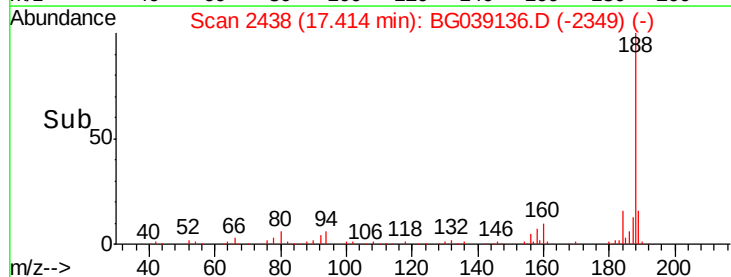
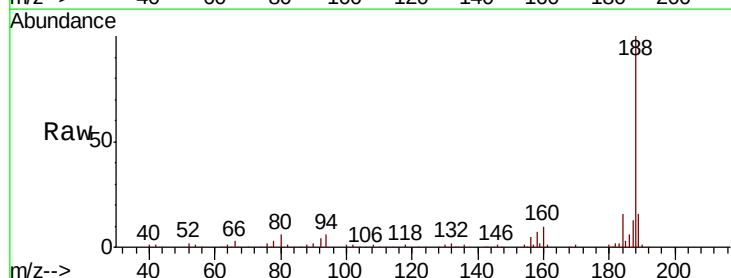
Instrument :
 BNA_G
 ClientSampleId :
 RT-3451

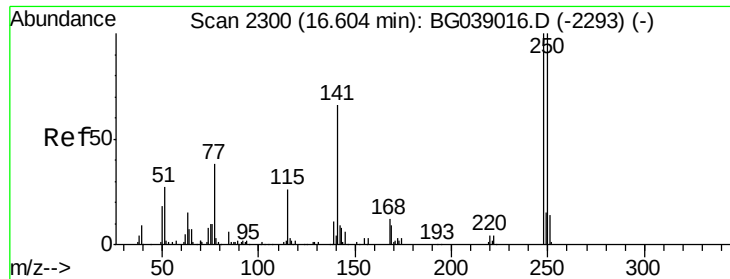
Tgt Ion:165 Resp: 7114
 Ion Ratio Lower Upper
 165 100
 63 0.0 30.2 45.4#
 89 0.0 53.2 79.8#
 182 0.0 2.7 4.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2438
 Delta R.T. -0.01 min
 Lab File: BG039136.D
 Acq: 15 Jan 2019 17:55

Tgt Ion:188 Resp: 175464
 Ion Ratio Lower Upper
 188 100
 94 5.9 5.0 7.4
 80 5.9 4.7 7.1

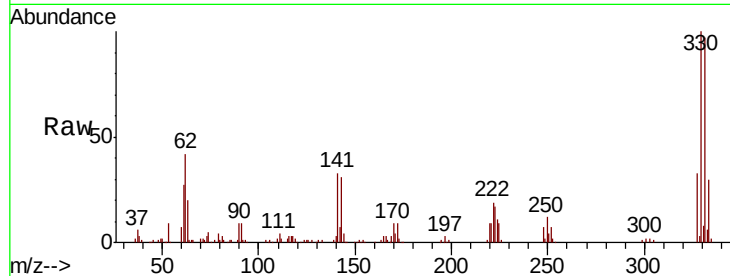




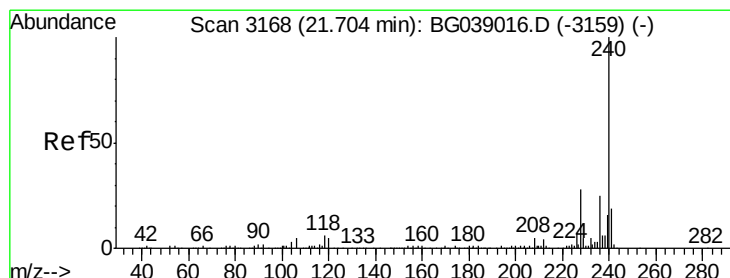
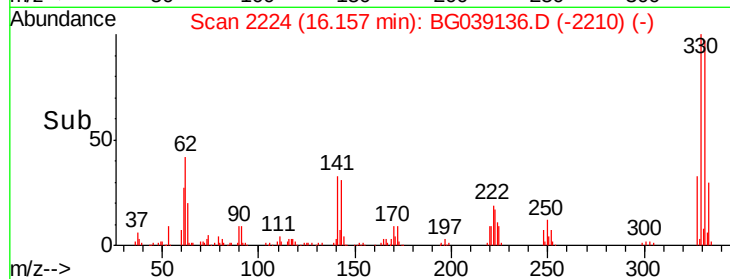
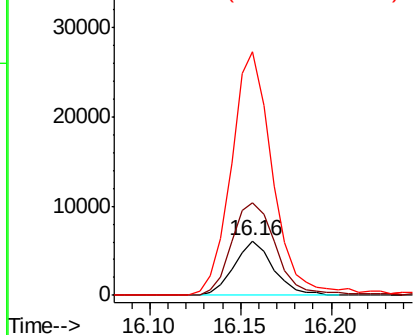
#67
 4-Bromophenyl-phenylether
 Concen: 4.075 ng
 RT: 16.16 min Scan# 2224
 Delta R.T. -0.45 min
 Lab File: BG039136.D
 Acq: 15 Jan 2019 17:55

Instrument :
 BNA_G
 ClientSampleId :
 RT-3451

Tgt Ion:248 Resp: 9192
 Ion Ratio Lower Upper
 248 100
 250 166.6 79.9 119.9#
 141 332.0 52.7 79.1#

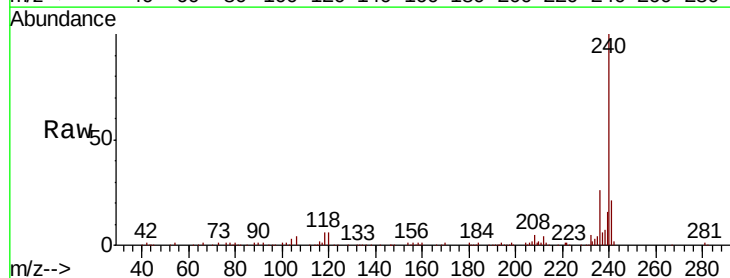


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

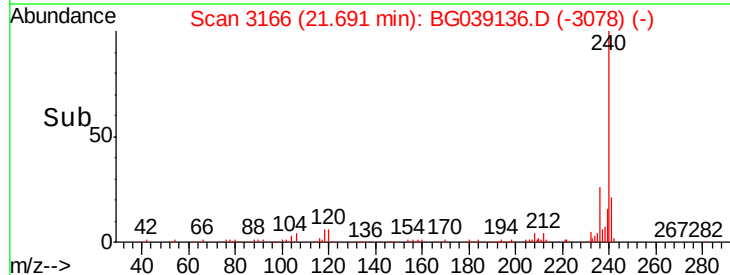
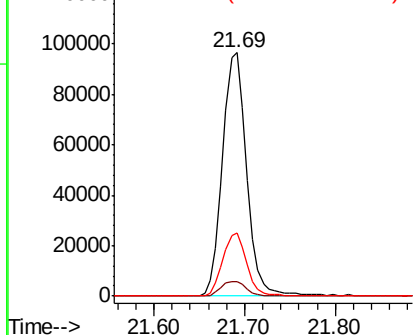


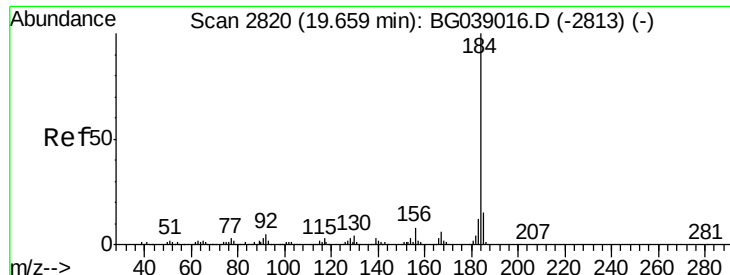
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.01 min
 Lab File: BG039136.D
 Acq: 15 Jan 2019 17:55

Tgt Ion:240 Resp: 178903
 Ion Ratio Lower Upper
 240 100
 120 5.9 4.3 6.5
 236 25.7 20.1 30.1



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





#77

Benzidine

Concen: 3.189 ng

RT: 20.02 min Scan# 2881

Delta R.T. 0.36 min

Lab File: BG039136.D

Acq: 15 Jan 2019 17:55

Instrument :

BNA_G

ClientSampleId :

RT-3451

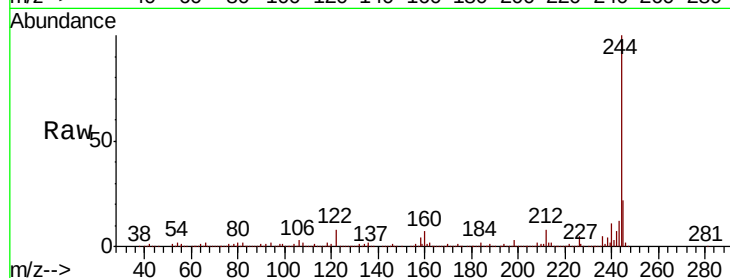
Tgt Ion:184 Resp: 17448

Ion Ratio Lower Upper

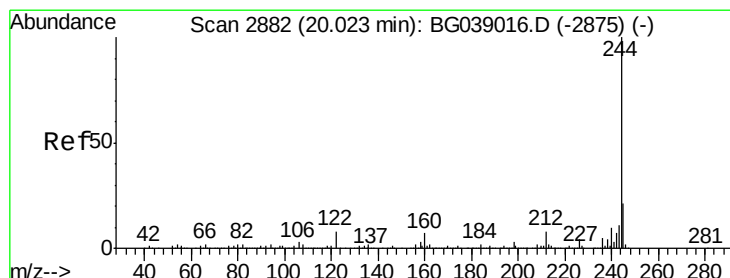
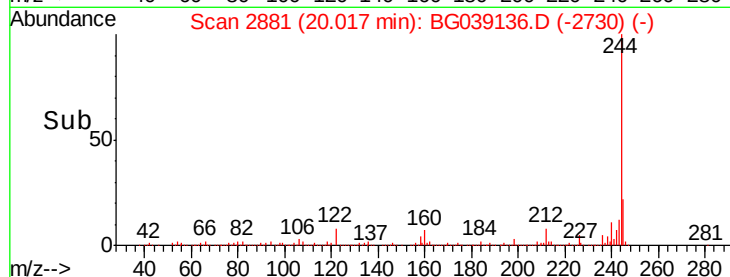
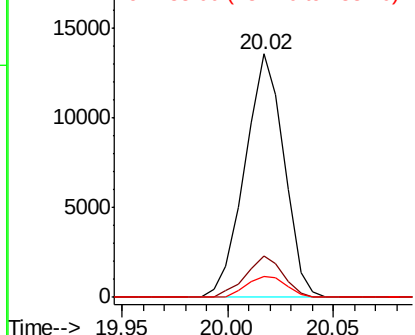
184 100

185 17.0 12.1 18.1

183 8.7 9.5 14.3#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 113.343 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG039136.D

Acq: 15 Jan 2019 17:55

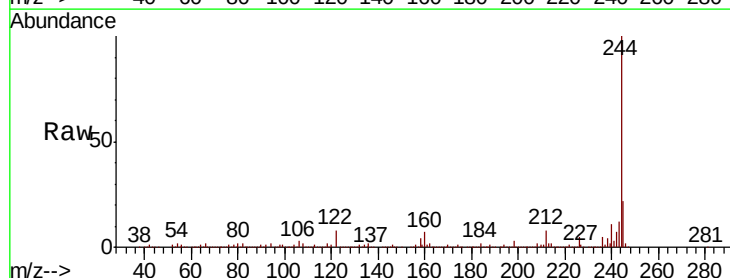
Tgt Ion:244 Resp: 1096135

Ion Ratio Lower Upper

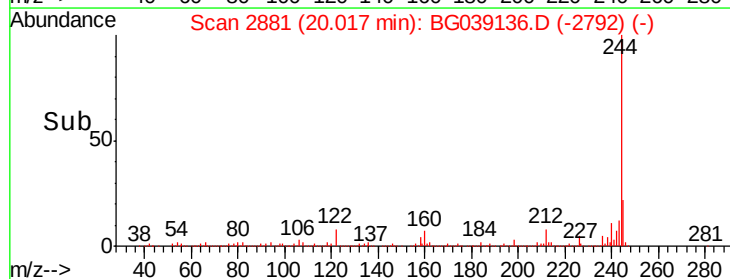
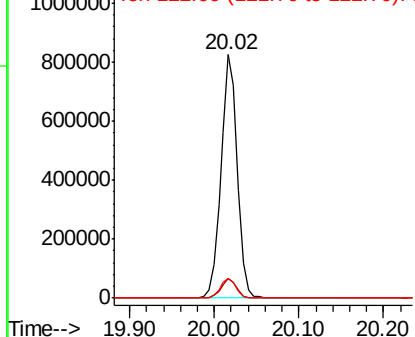
244 100

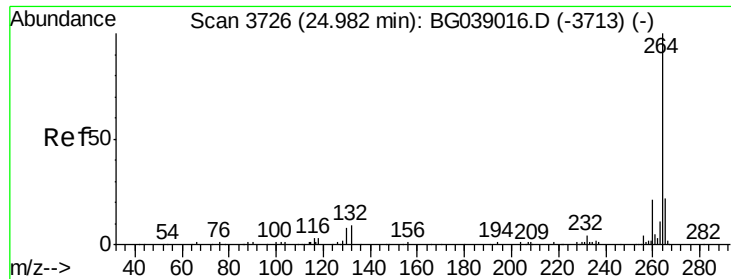
212 8.2 6.1 9.1

122 8.0 6.1 9.1



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: 24.97 min Scan# 3724
Delta R.T. -0.01 min
Lab File: BG039136.D
Acq: 15 Jan 2019 17:55

Instrument :
BNA_G
ClientSampleId :
RT-3451

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.0	25.6
265	20.7	17.2	25.8

