

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011719\
 Data File : BG039194.D
 Acq On : 17 Jan 2019 19:58
 Operator : JU/SJ
 Sample : PB116454BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116454BL

Quant Time: Jan 18 04:13:40 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

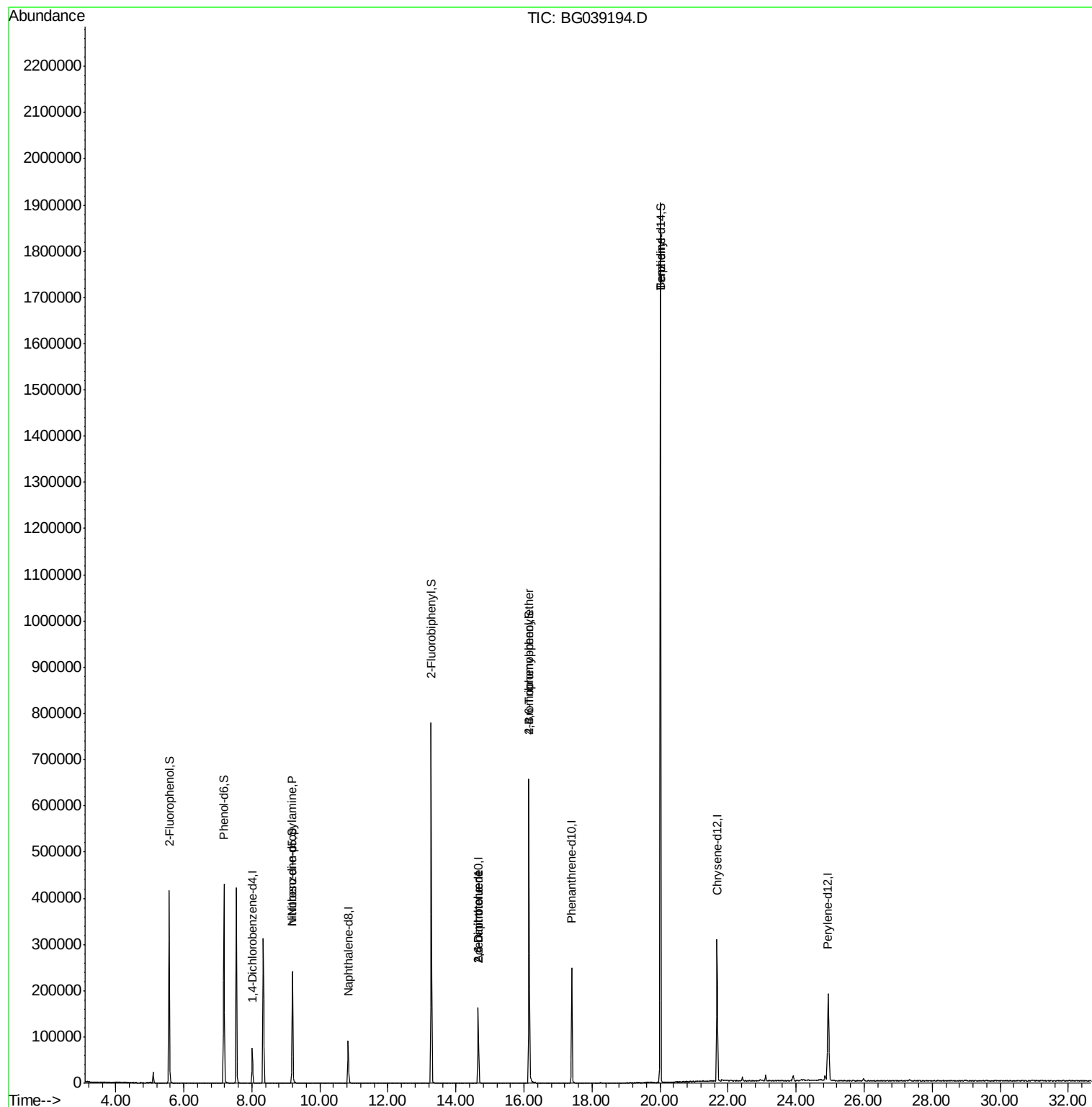
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	22398	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	88824	20.00	ng	-0.02
39) Acenaphthene-d10	14.65	164	62123	20.00	ng	-0.02
64) Phenanthrene-d10	17.40	188	174463	20.00	ng	-0.02
76) Chrysene-d12	21.68	240	203567	20.00	ng	-0.03
87) Perylene-d12	24.94	264	232070	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	183513	155.43	ng	-0.02
7) Phenol-d6	7.18	99	254050	149.51	ng	-0.01
23) Nitrobenzene-d5	9.20	82	148707	91.61	ng	-0.02
42) 2,4,6-Tribromophenol	16.15	330	150344	144.37	ng	-0.02
45) 2-Fluorobiphenyl	13.27	172	437401	96.36	ng	-0.02
79) Terphenyl-d14	20.01	244	983508	89.38	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	20190	18.094	ng	# 73
51) 2,6-Dinitrotoluene	14.65	165	7675	6.539	ng	# 24
57) 2,4-Dinitrotoluene	14.65	165	7675	4.558	ng	# 26
67) 4-Bromophenyl-phenylether	16.15	248	9562	4.264	ng	# 1
77) Benzidine	20.01	184	15464	2.484	ng	# 92

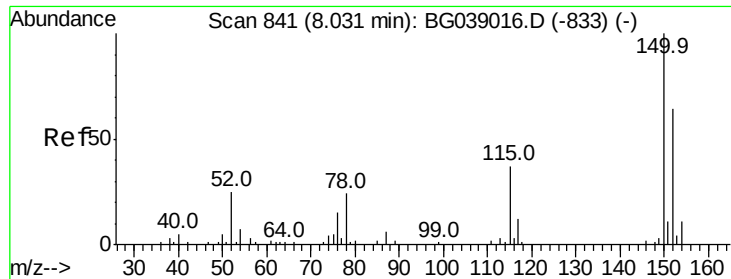
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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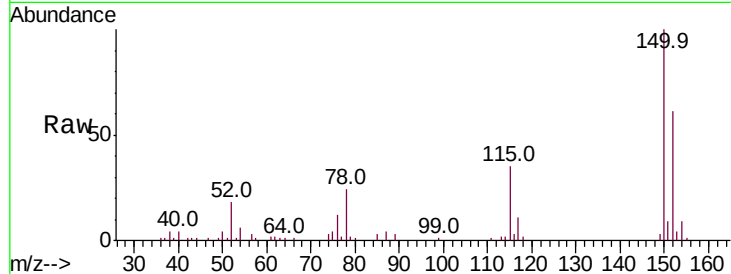


#1

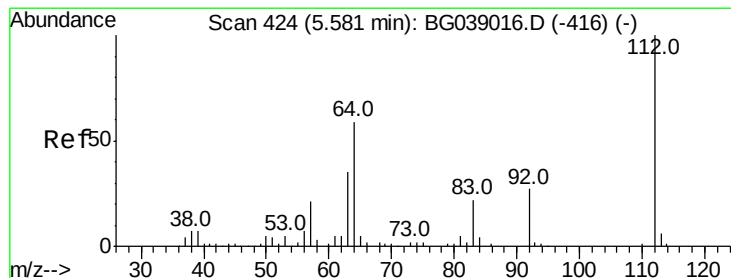
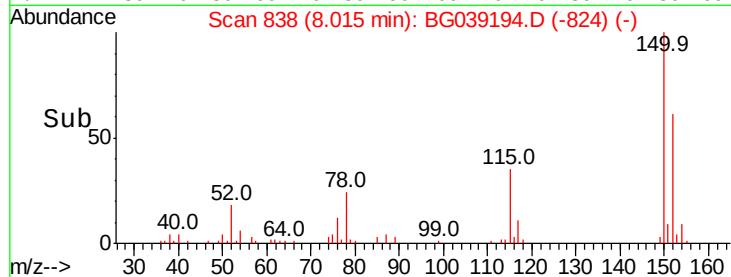
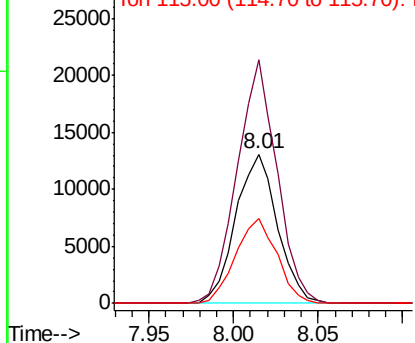
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.02 min
Lab File: BG039194.D
Acq: 17 Jan 2019 19:58

Instrument :
BNA_G
ClientSampled :
PB116454BL

Tot Ion:152 Resp: 22398
Ion Ratio Lower Upper
152 100
150 163.3 124.7 187.1
115 57.0 46.5 69.7



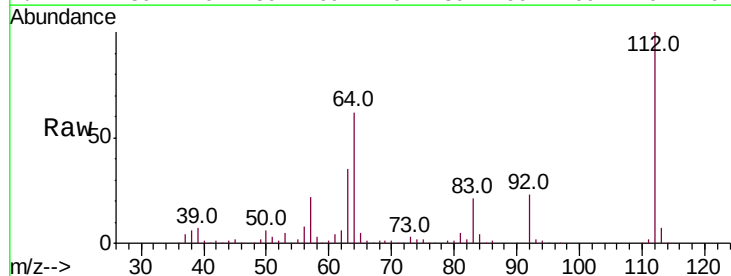
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



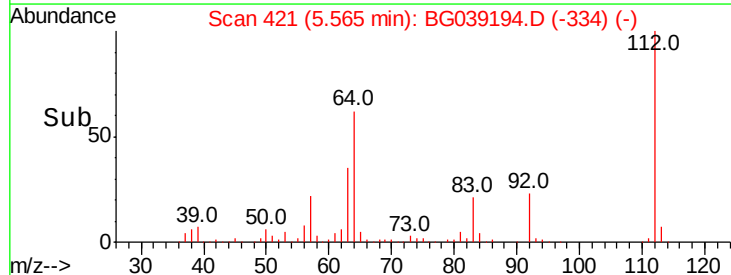
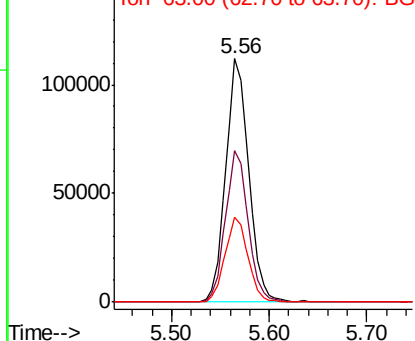
#5

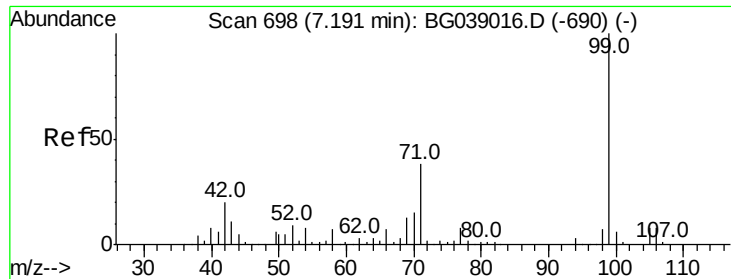
2-Fluorophenol
Concen: 155.425 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.02 min
Lab File: BG039194.D
Acq: 17 Jan 2019 19:58

Tgt Ion:112 Resp: 183513
Ion Ratio Lower Upper
112 100
64 62.0 47.0 70.6
63 35.1 28.0 42.0



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: 149.511 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG039194.D

Acq: 17 Jan 2019 19:58

Instrument :

BNA_G

ClientSampleId :

PB116454BL

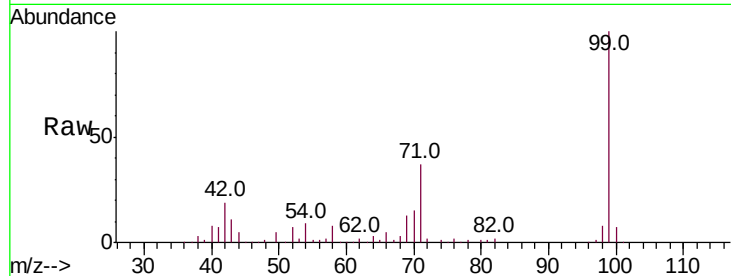
Tot Ion: 99 Resp: 254050

Ion Ratio Lower Upper

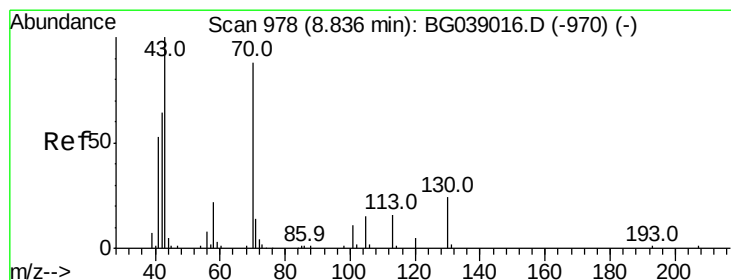
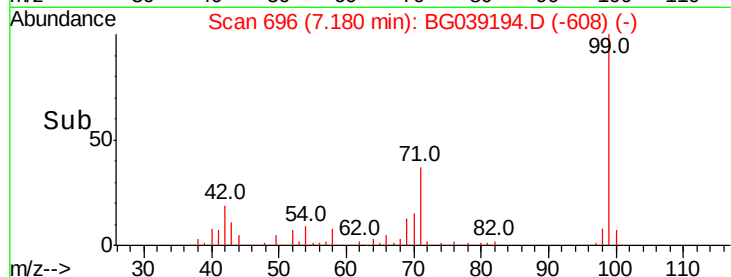
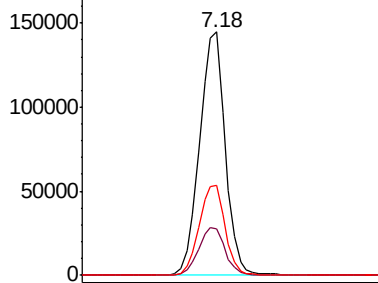
99 100

42 19.2 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: 18.094 ng

RT: 9.19 min Scan# 1038

Delta R.T. 0.35 min

Lab File: BG039194.D

Acq: 17 Jan 2019 19:58

Tgt Ion: 70 Resp: 20190

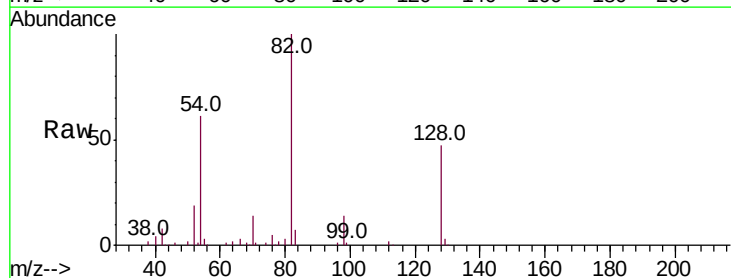
Ion Ratio Lower Upper

70 100

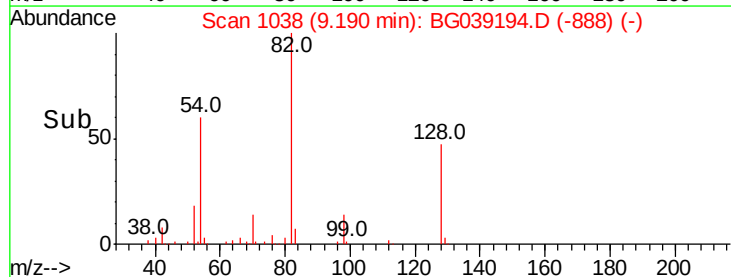
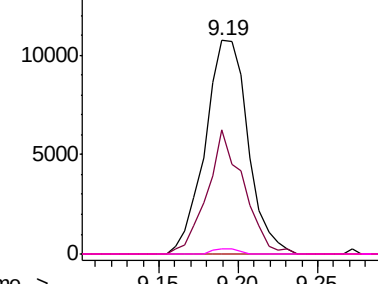
42 58.0 59.0 88.4#

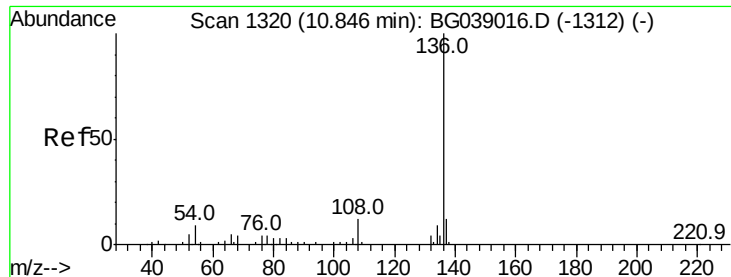
101 0.0 10.4 15.6#

130 2.3 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

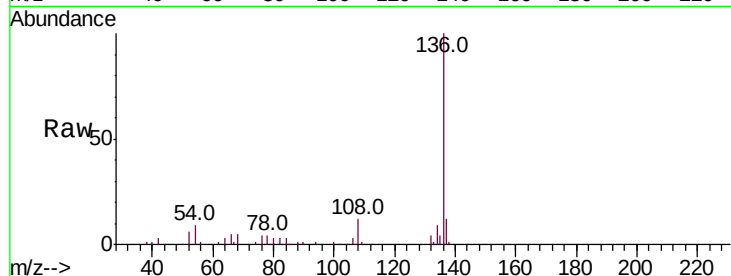




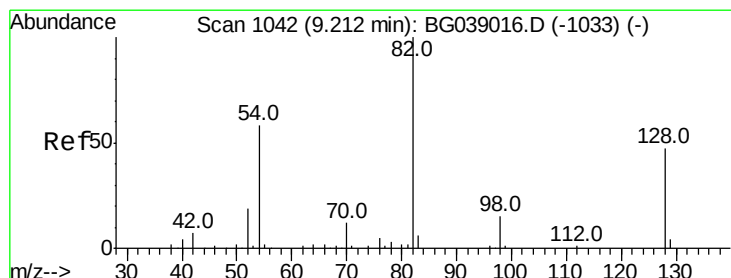
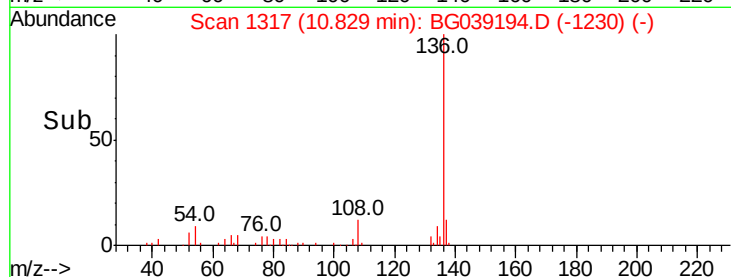
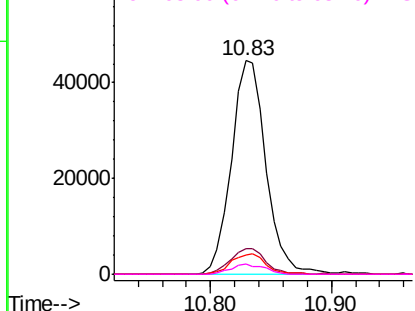
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BG039194.D
Acq: 17 Jan 2019 19:58

Instrument :
BNA_G
ClientSampleId :
PB116454BL

Tot Ion:136	Resp:	88824
Ion Ratio	Lower	Upper
136 100		
137 11.7	9.4	14.2
54 9.2	7.2	10.8
68 4.8	3.5	5.3

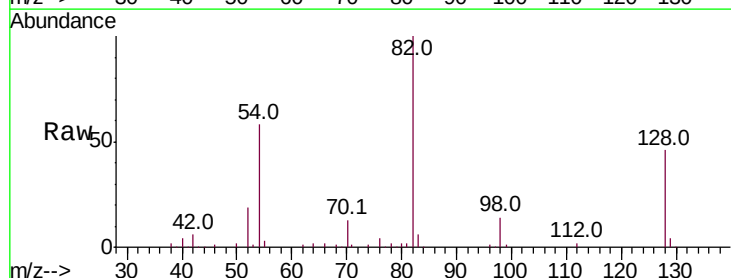


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

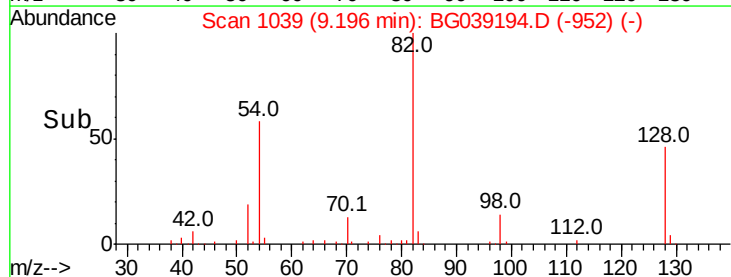
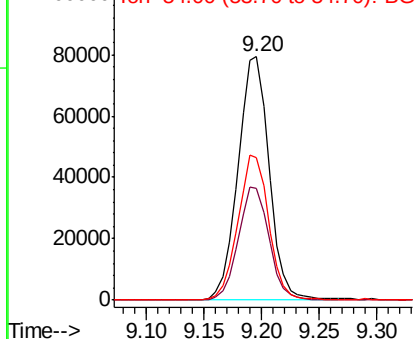


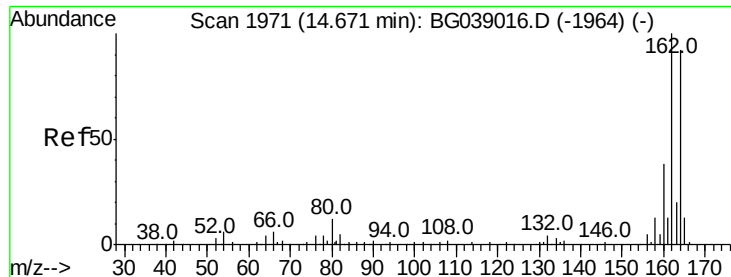
#23
Nitrobenzene-d5
Concen: 91.610 ng
RT: 9.20 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BG039194.D
Acq: 17 Jan 2019 19:58

Tgt Ion: 82	Resp: 148707
Ion Ratio	Lower Upper
82 100	
128 45.9	37.3 55.9
54 58.4	46.4 69.6



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.02 min

Lab File: BG039194.D

Acq: 17 Jan 2019 19:58

Instrument :

BNA_G

ClientSampleId :

PB116454BL

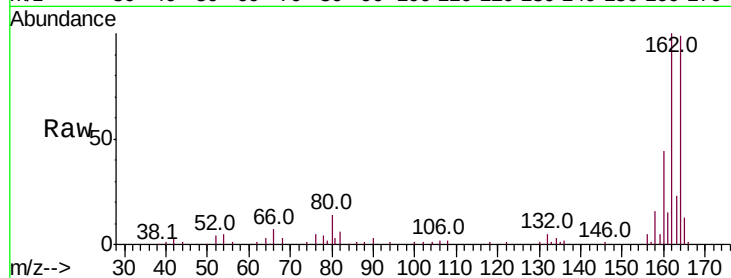
Tot Ion:164 Resp: 62123

Ion Ratio Lower Upper

164 100

162 100.5 87.2 130.8

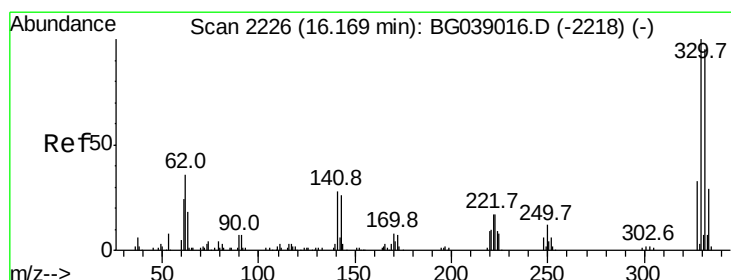
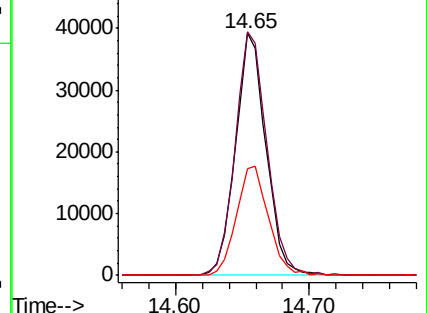
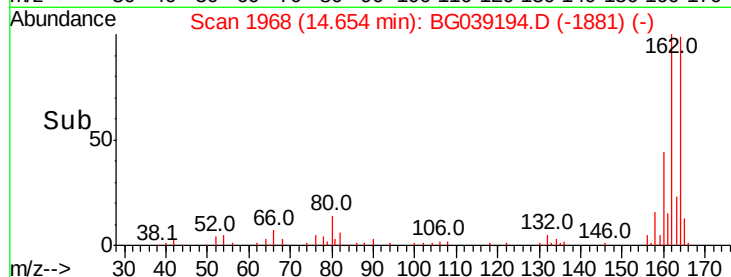
160 43.9 33.3 49.9



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: 144.374 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.02 min

Lab File: BG039194.D

Acq: 17 Jan 2019 19:58

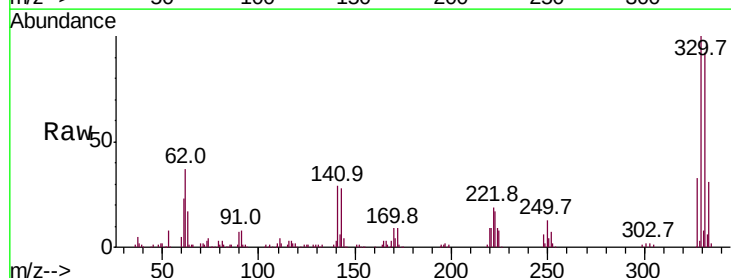
Tgt Ion:330 Resp: 150344

Ion Ratio Lower Upper

330 100

332 94.3 75.7 113.5

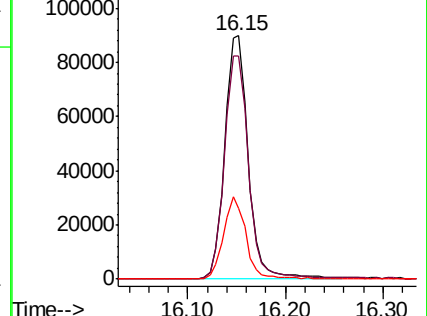
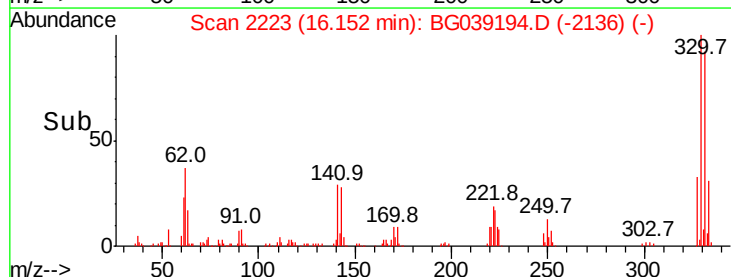
141 32.4 24.9 37.3

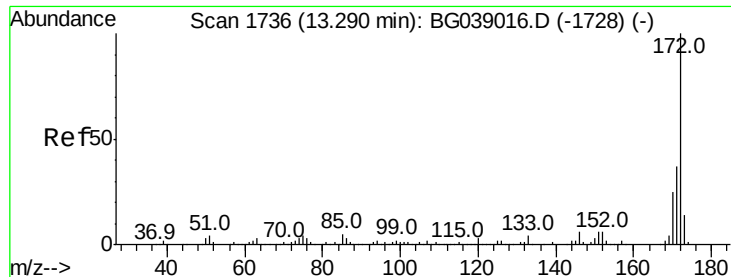


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

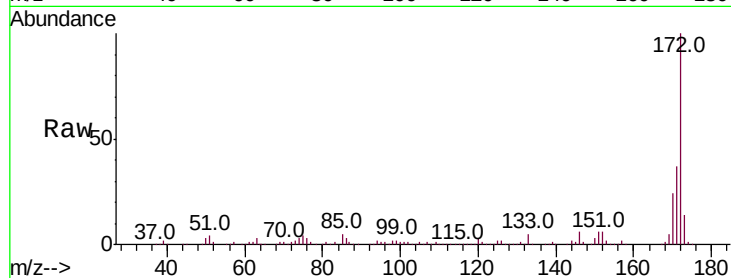




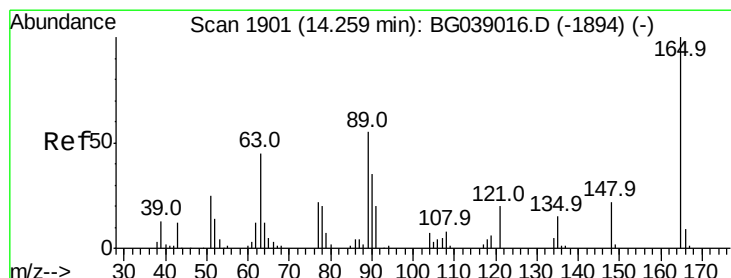
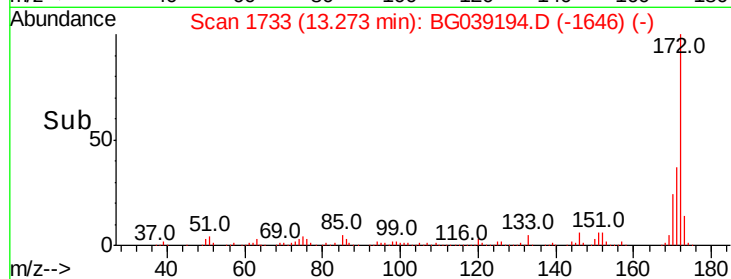
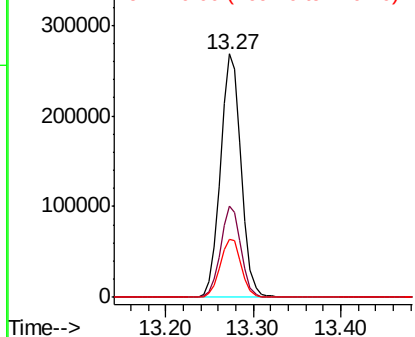
#45
 2-Fluorobiphenyl
 Concen: 96.359 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.02 min
 Lab File: BG039194.D
 Acq: 17 Jan 2019 19:58

Instrument :
 BNA_G
 ClientSampleId :
 PB116454BL

Tot Ion:172 Resp: 437401
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.4 44.0
 170 23.8 20.1 30.1

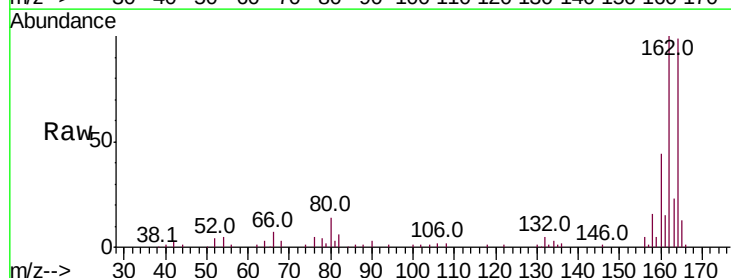


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

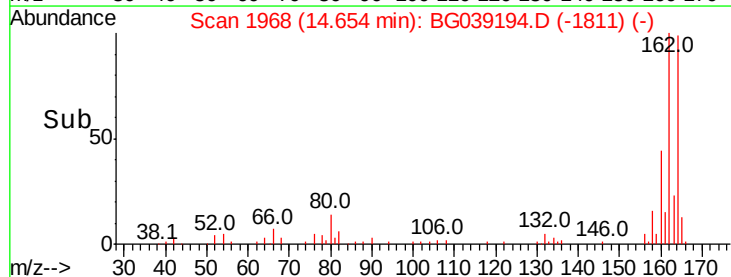
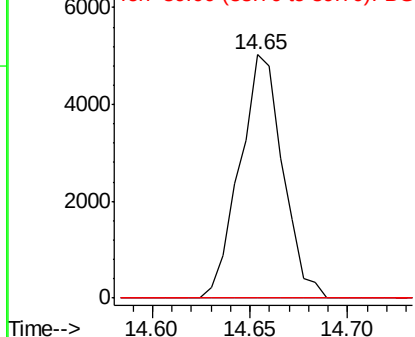


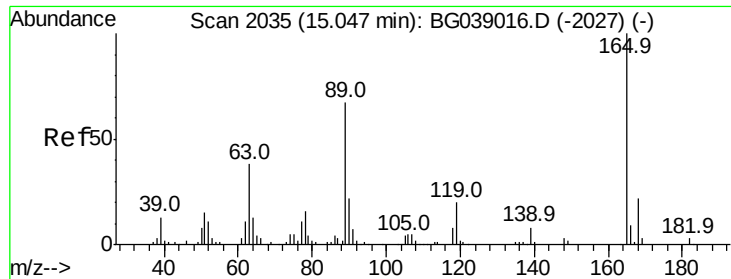
#51
 2,6-Dinitrotoluene
 Concen: 6.539 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. 0.39 min
 Lab File: BG039194.D
 Acq: 17 Jan 2019 19:58

Tgt Ion:165 Resp: 7675
 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

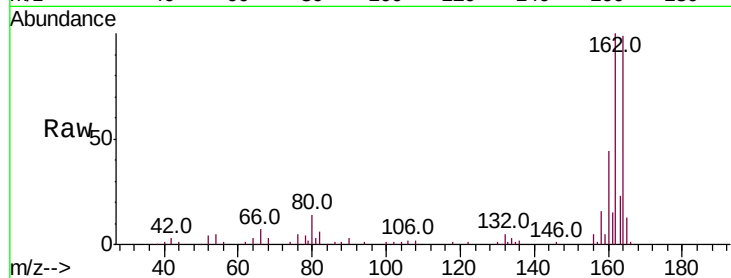




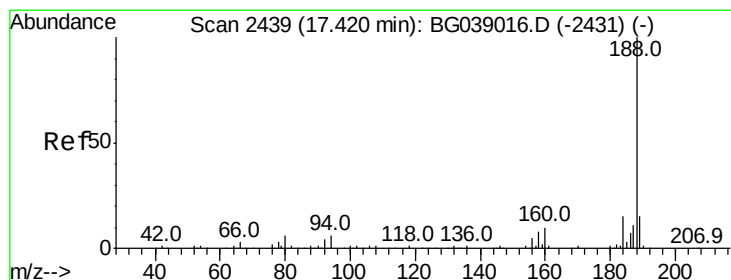
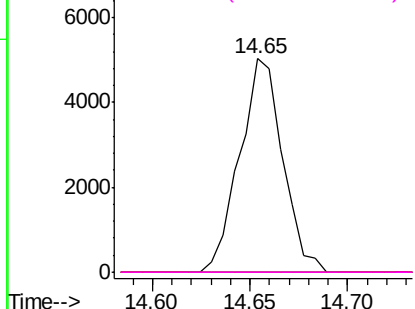
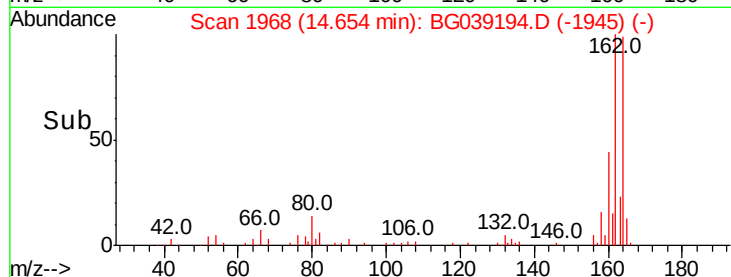
#57
 2,4-Dinitrotoluene
 Concen: 4.558 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.39 min
 Lab File: BG039194.D
 Acq: 17 Jan 2019 19:58

Instrument :
 BNA_G
 ClientSampleId :
 PB116454BL

Tot Ion:165 Resp: 7675
 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#

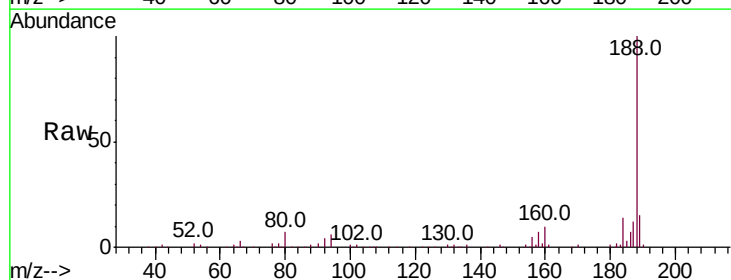


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

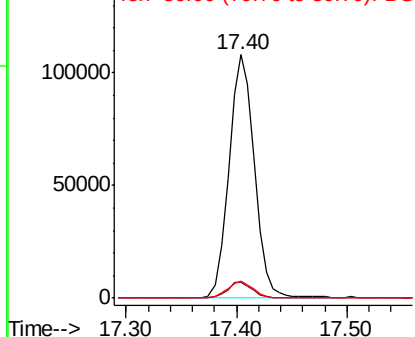
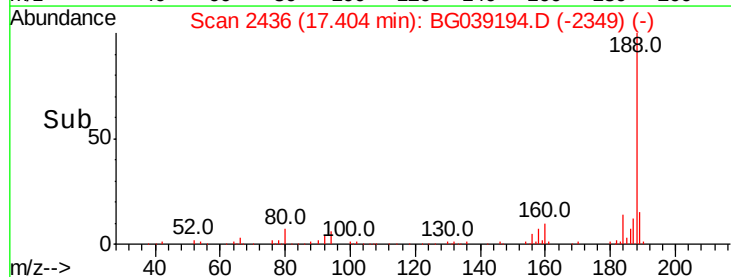


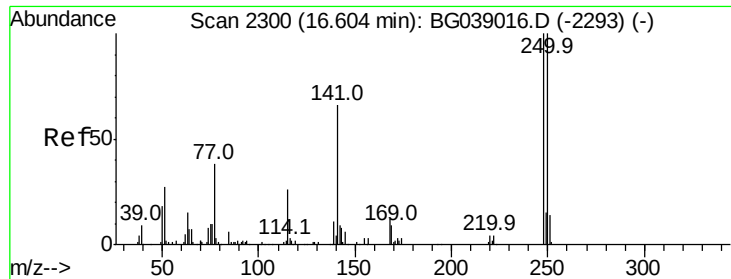
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2436
 Delta R.T. -0.02 min
 Lab File: BG039194.D
 Acq: 17 Jan 2019 19:58

Tgt Ion:188 Resp: 174463
 Ion Ratio Lower Upper
 188 100
 94 6.2 5.0 7.4
 80 6.9 4.7 7.1



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





#67

4-Bromophenyl-phenylether

Concen: 4.264 ng

RT: 16.15 min Scan# 2222

Delta R.T. -0.46 min

Lab File: BG039194.D

Acq: 17 Jan 2019 19:58

Instrument :

BNA_G

ClientSampleId :

PB116454BL

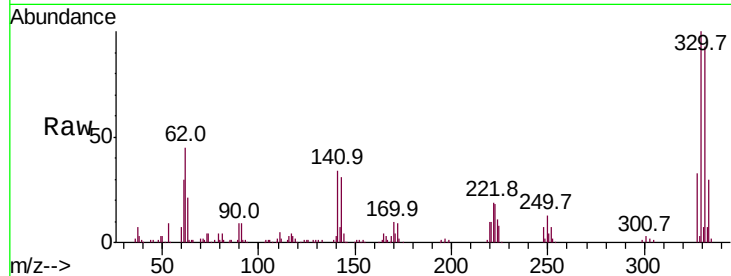
Tot Ion:248 Resp: 9562

Ion Ratio Lower Upper

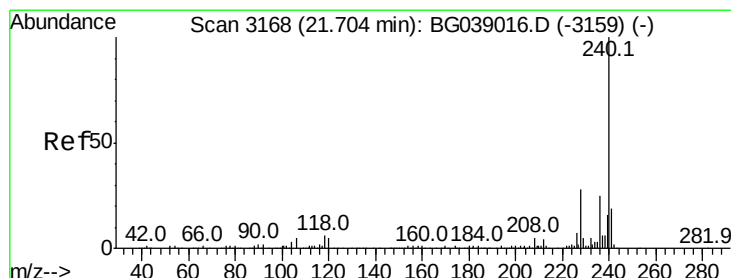
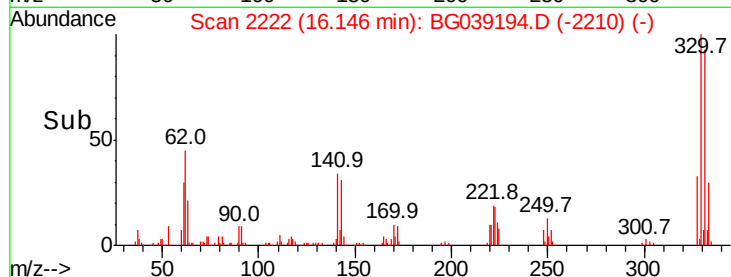
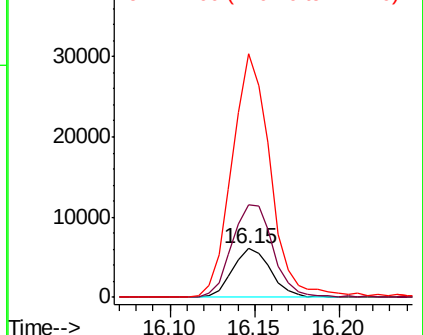
248 100

250 185.7 79.9 119.9#

141 372.3 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: 21.68 min Scan# 3163

Delta R.T. -0.03 min

Lab File: BG039194.D

Acq: 17 Jan 2019 19:58

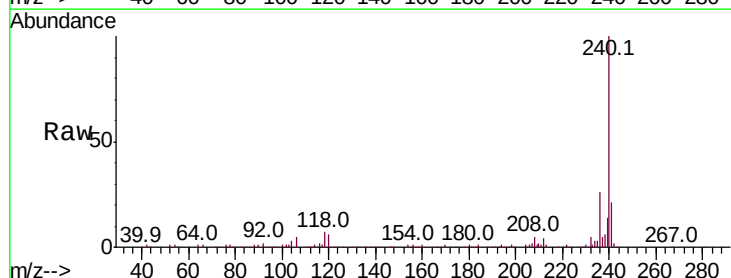
Tgt Ion:240 Resp: 203567

Ion Ratio Lower Upper

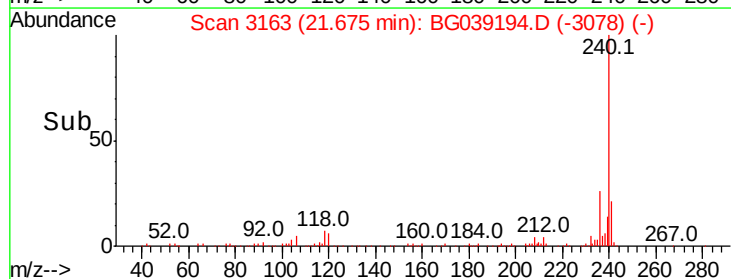
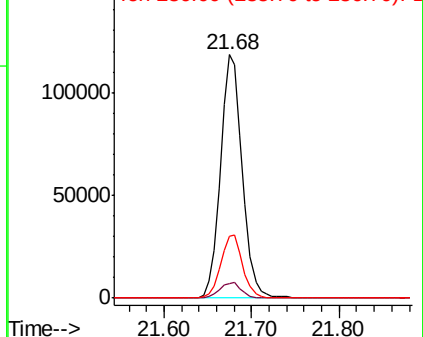
240 100

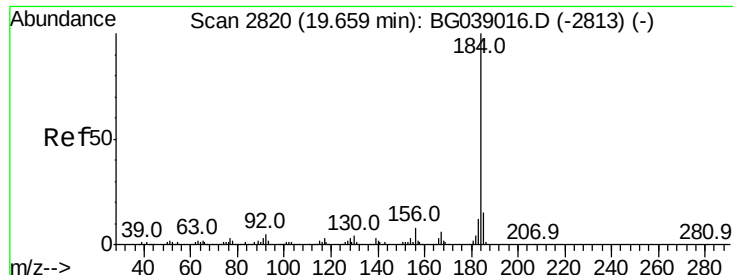
120 6.2 4.3 6.5

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: 2.484 ng

RT: 20.01 min Scan# 2879

Delta R.T. 0.35 min

Lab File: BG039194.D

Acq: 17 Jan 2019 19:58

Instrument :

BNA_G

ClientSampleId :

PB116454BL

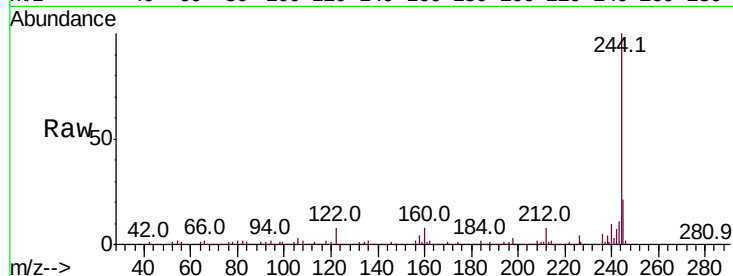
Tot Ion:184 Resp: 15464

Ion Ratio Lower Upper

184 100

185 19.2 12.1 18.1#

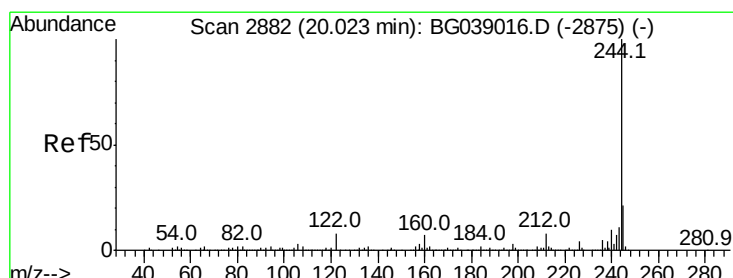
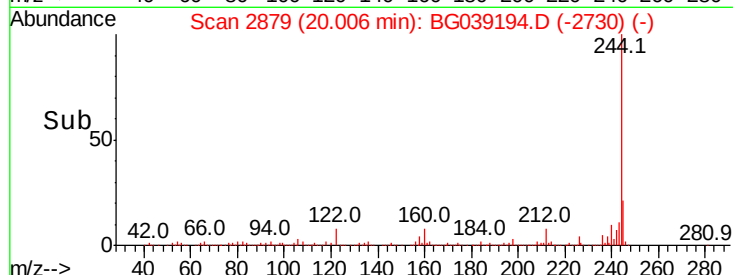
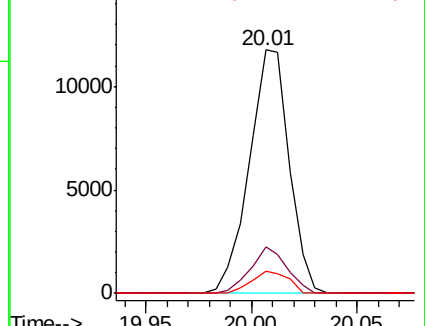
183 9.4 9.5 14.3#



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: 89.375 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.01 min

Lab File: BG039194.D

Acq: 17 Jan 2019 19:58

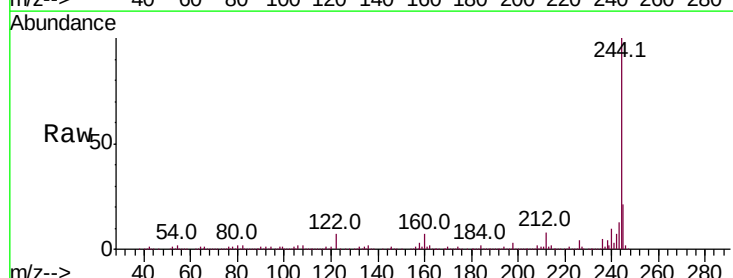
Tgt Ion:244 Resp: 983508

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

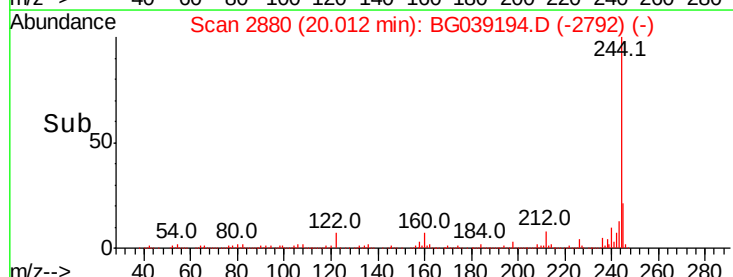
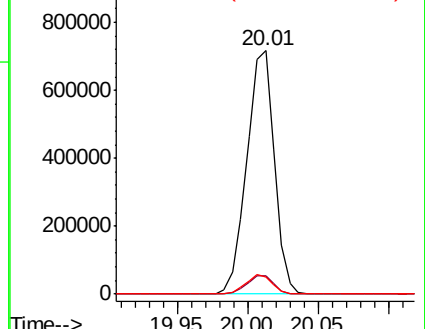
122 6.9 6.1 9.1

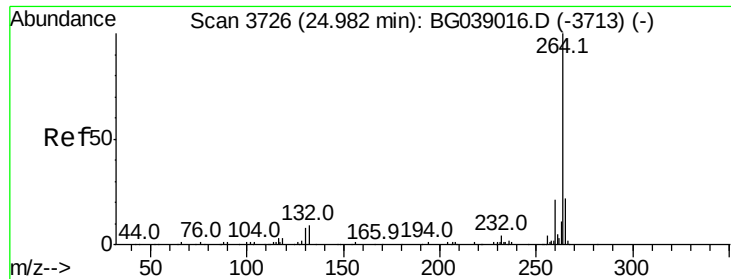


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.94 min Scan# 3719
Delta R.T. -0.04 min
Lab File: BG039194.D
Acq: 17 Jan 2019 19:58

Instrument :
BNA_G
ClientSampleId :
PB116454BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.0	25.6
265	21.9	17.2	25.8

