

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010219\
 Data File : BG038899.D
 Acq On : 2 Jan 2019 19:35
 Operator : JU/SJ
 Sample : PB116088BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116088BL

Quant Time: Jan 03 00:18:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

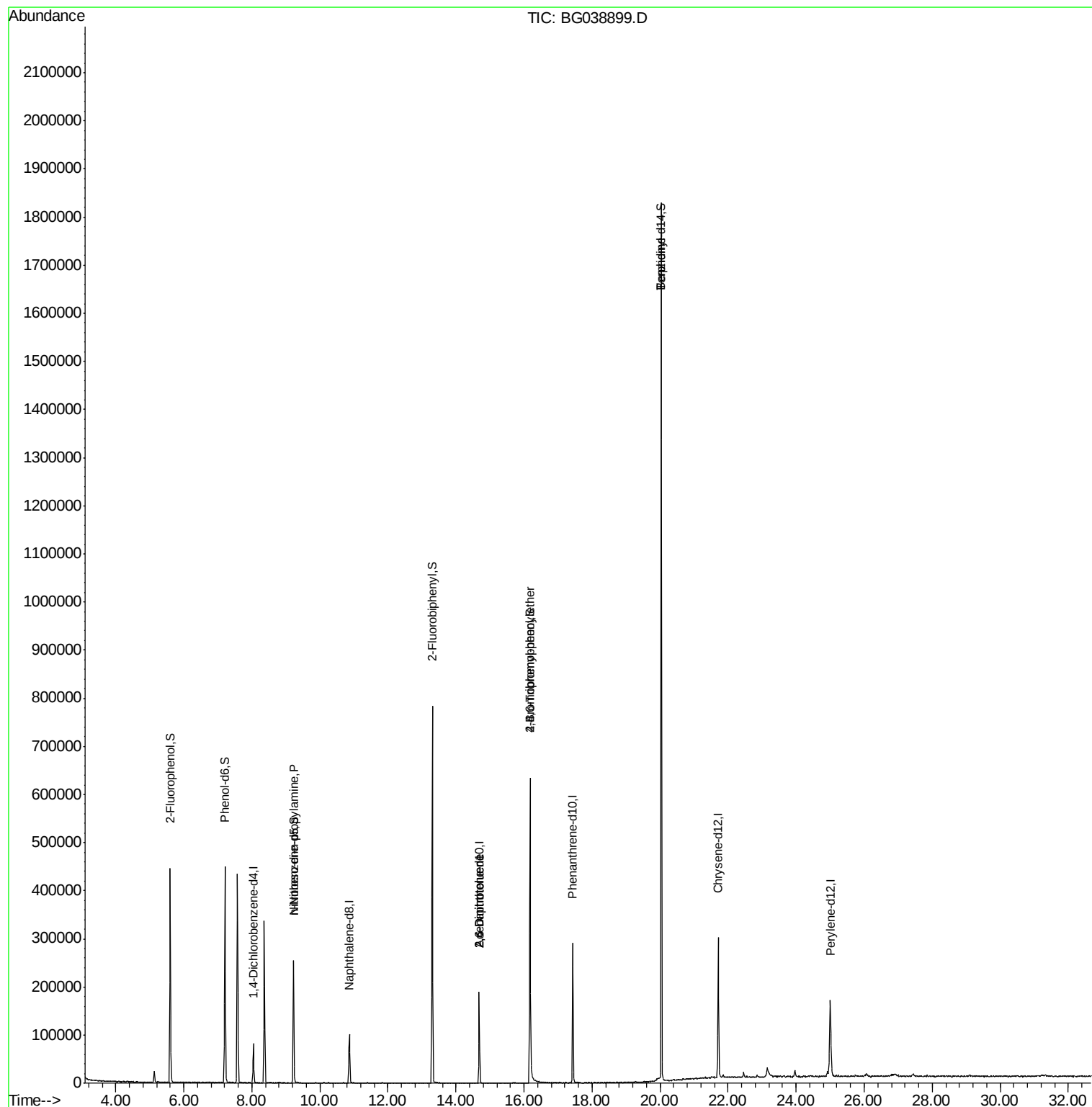
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	24350	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	93727	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	69753	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	192338	20.00	ng	0.00
76) Chrysene-d12	21.71	240	196224	20.00	ng	-0.02
87) Perylene-d12	25.00	264	206985	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	194710	141.83	ng	0.00
7) Phenol-d6	7.21	99	257342	136.54	ng	0.00
23) Nitrobenzene-d5	9.23	82	154818	84.39	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	154220	160.42	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	433379	85.23	ng	-0.02
79) Terphenyl-d14	20.04	244	907235	100.62	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	20376	15.393	ng	# 68
51) 2,6-Dinitrotoluene	14.68	165	8385	6.496	ng	# 19
57) 2,4-Dinitrotoluene	14.68	165	8385	4.612	ng	# 21
67) 4-Bromophenyl-phenylether	16.18	248	9516	4.051	ng	# 1
77) Benzidine	20.04	184	13830	2.383	ng	94

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

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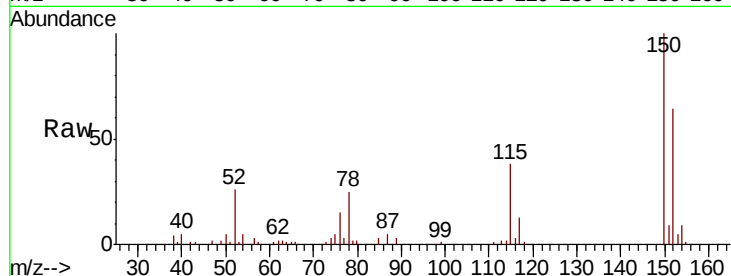


#1

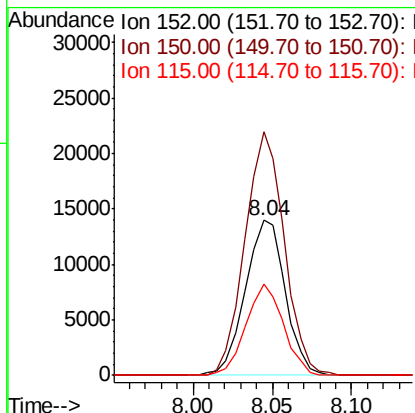
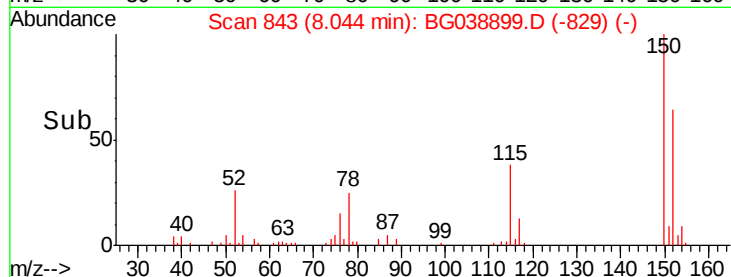
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.02 min
Lab File: BG038899.D
Acq: 2 Jan 2019 19:35

Instrument :
BNA_G
ClientSampleId :
PB116088BL

Tot Ion:152 Resp: 24350
Ion Ratio Lower Upper
152 100
150 157.4 119.5 179.3
115 59.3 49.6 74.4



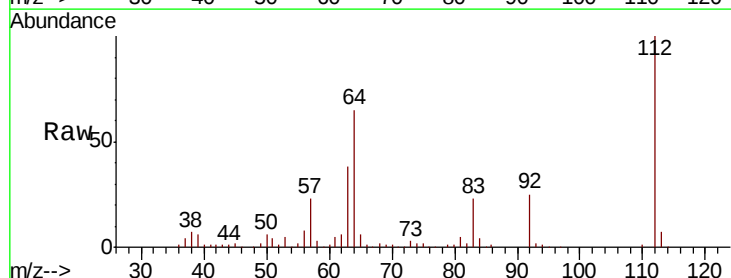
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



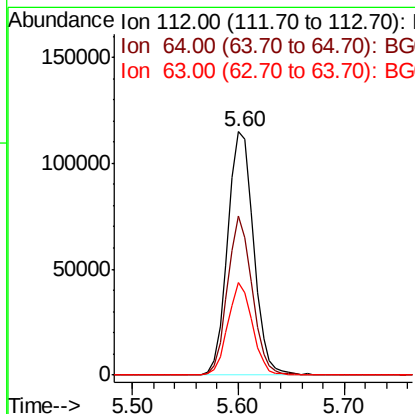
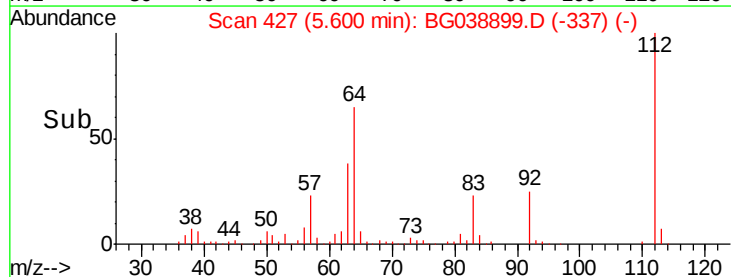
#5

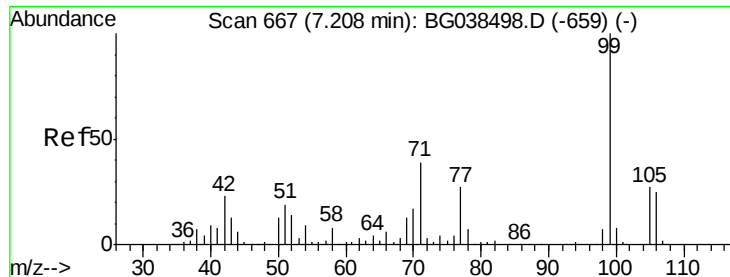
2-Fluorophenol
Concen: 141.827 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.00 min
Lab File: BG038899.D
Acq: 2 Jan 2019 19:35

Tgt Ion:112 Resp: 194710
Ion Ratio Lower Upper
112 100
64 65.1 53.4 80.2
63 38.1 29.3 43.9



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: 136.543 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038899.D

Acq: 2 Jan 2019 19:35

Instrument :

BNA_G

ClientSampleId :

PB116088BL

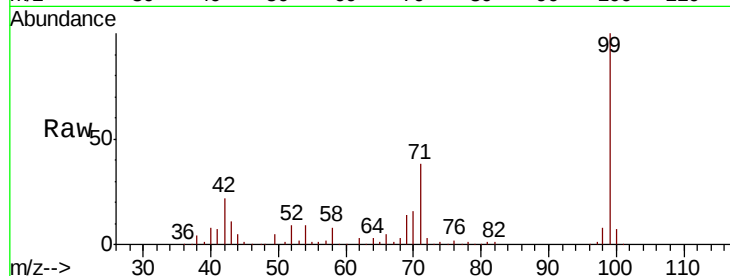
Tot Ion: 99 Resp: 257342

Ion Ratio Lower Upper

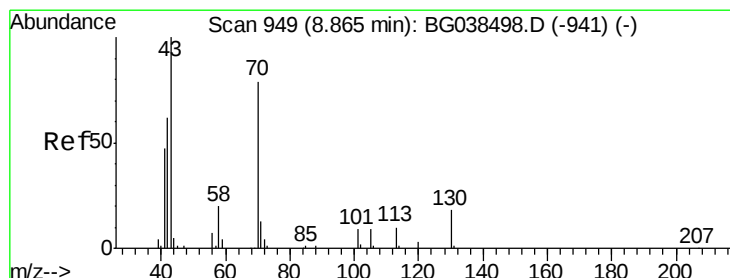
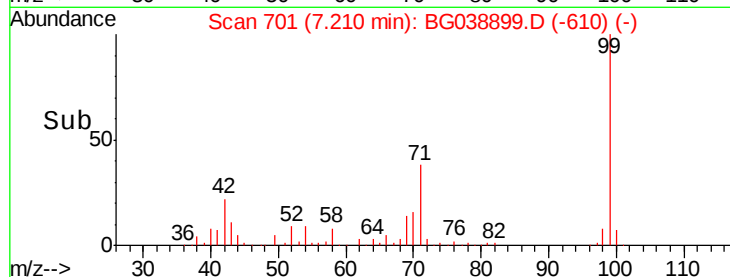
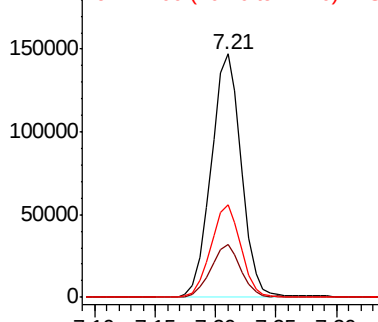
99 100

42 21.6 18.5 27.7

71 37.9 31.1 46.7



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: 15.393 ng

RT: 9.23 min Scan# 1044

Delta R.T. 0.36 min

Lab File: BG038899.D

Acq: 2 Jan 2019 19:35

Tgt Ion: 70 Resp: 20376

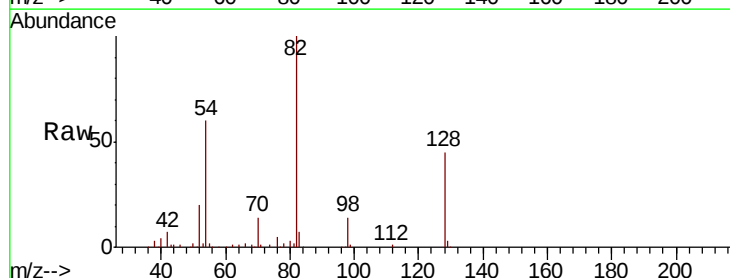
Ion Ratio Lower Upper

70 100

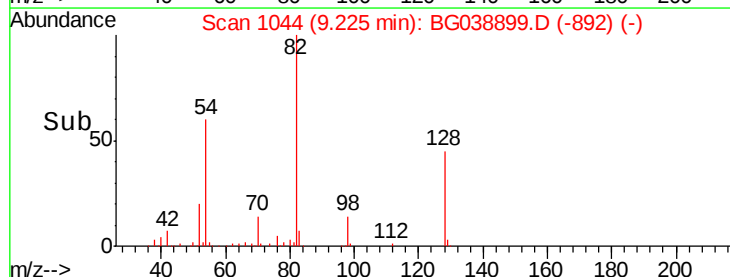
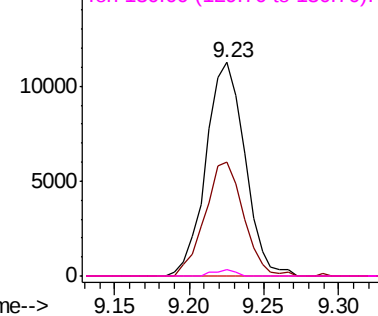
42 53.6 63.6 95.4#

101 0.0 9.2 13.8#

130 2.8 18.5 27.7#



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

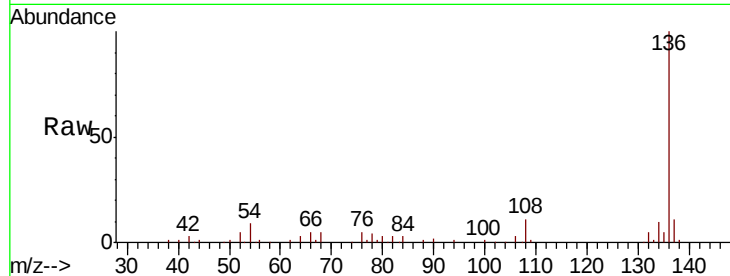




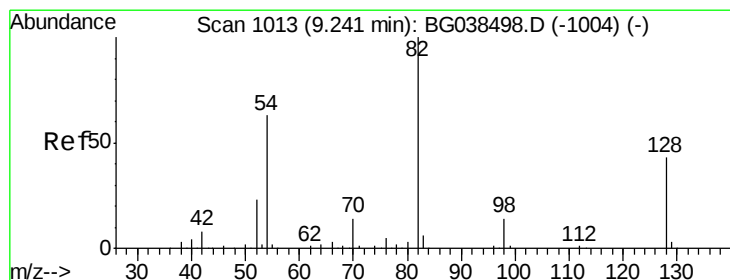
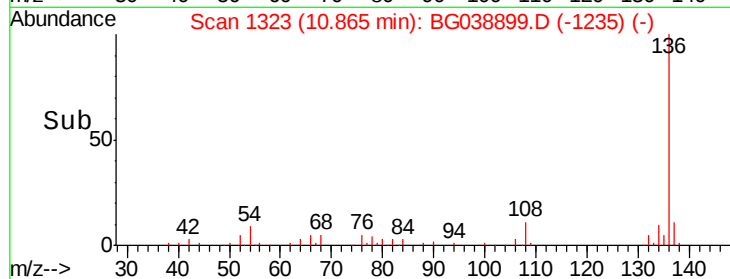
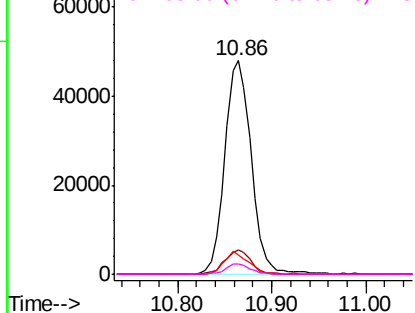
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG038899.D
Acq: 2 Jan 2019 19:35

Instrument :
BNA_G
ClientSampleId :
PB116088BL

Tot Ion:136	Resp:	93727
Ion	Ratio	Lower Upper
136	100	
137	11.4	9.3 13.9
54	8.9	8.5 12.7
68	5.0	3.5 5.3

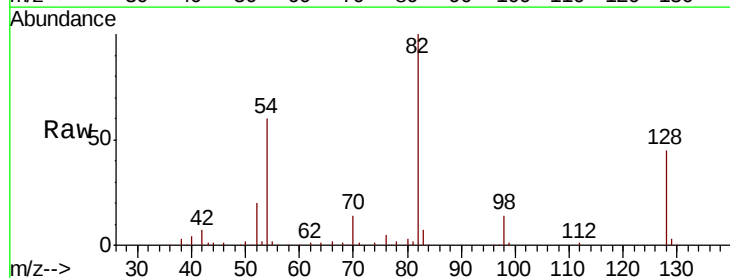


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

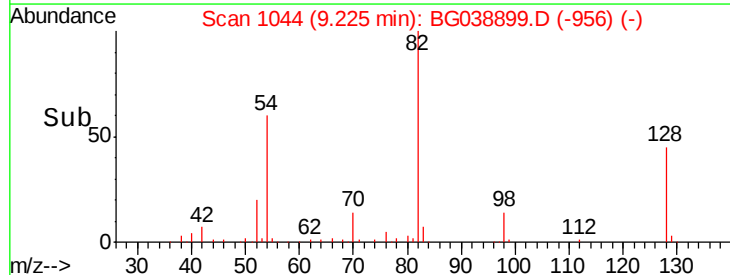
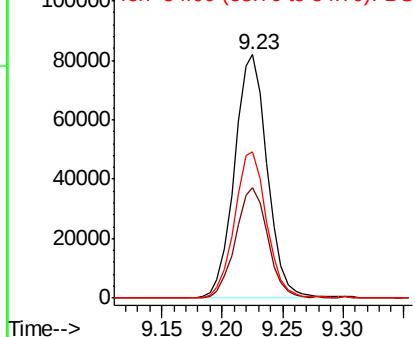


#23
Nitrobenzene-d5
Concen: 84.386 ng
RT: 9.23 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG038899.D
Acq: 2 Jan 2019 19:35

Tgt Ion: 82	Resp:	154818
Ion	Ratio	Lower Upper
82	100	
128	45.2	34.6 52.0
54	59.9	50.6 76.0



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.02 min

Lab File: BG038899.D

Acq: 2 Jan 2019 19:35

Instrument :

BNA_G

ClientSampleId :

PB116088BL

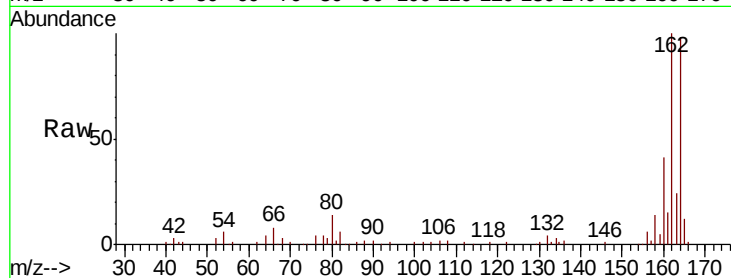
Tot Ion:164 Resp: 69753

Ion Ratio Lower Upper

164 100

162 102.2 86.6 130.0

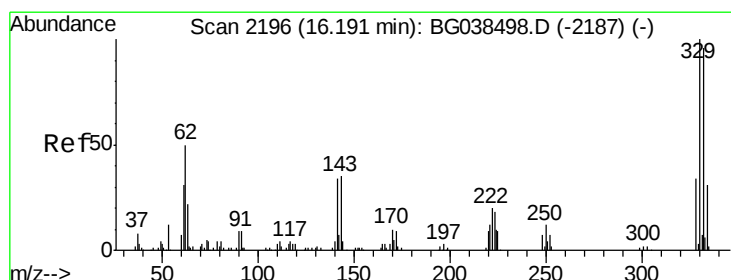
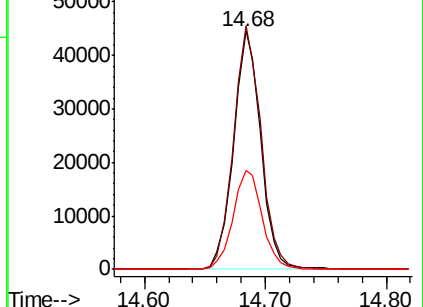
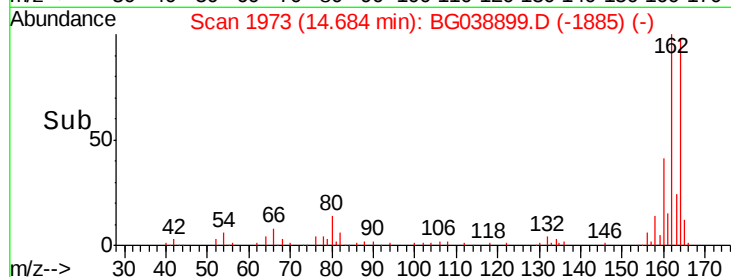
160 41.8 34.2 51.2



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: 160.425 ng

RT: 16.18 min Scan# 2227

Delta R.T. -0.02 min

Lab File: BG038899.D

Acq: 2 Jan 2019 19:35

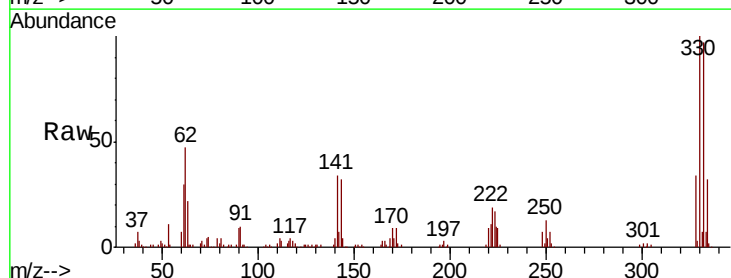
Tgt Ion:330 Resp: 154220

Ion Ratio Lower Upper

330 100

332 92.6 76.9 115.3

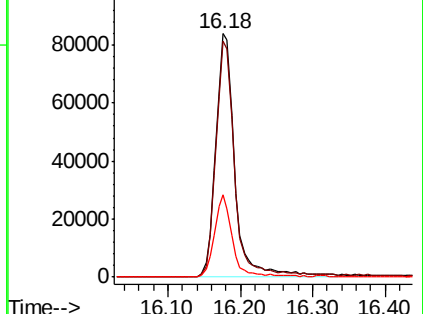
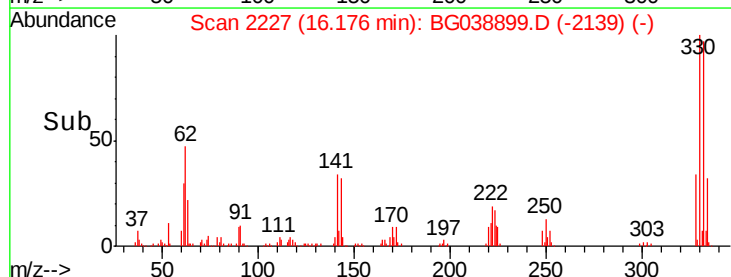
141 30.9 28.8 43.2



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

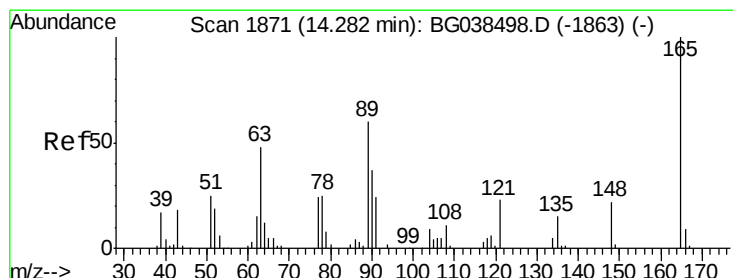
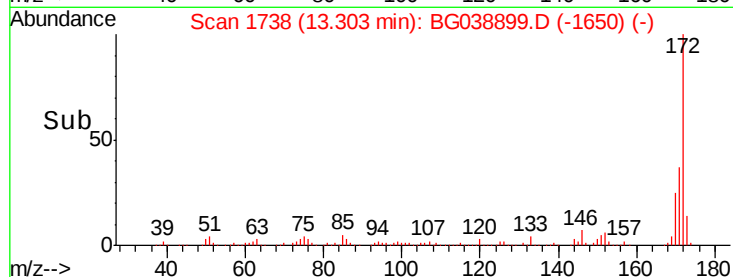
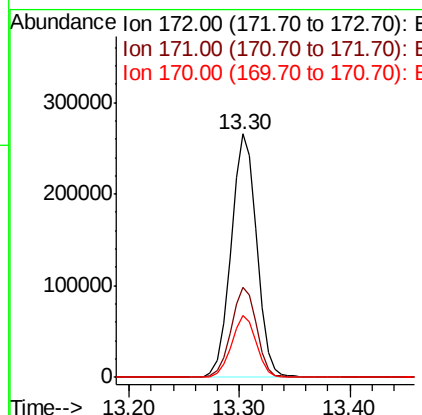
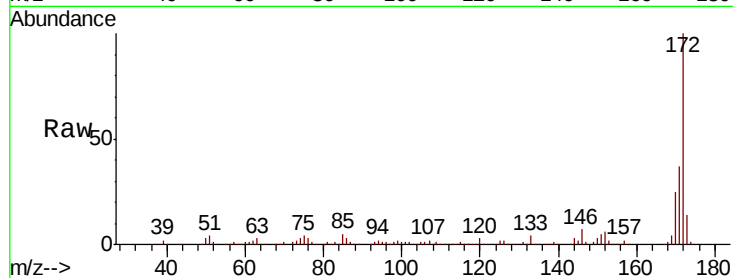




#45
 2-Fluorobiphenyl
 Concen: 85.234 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.02 min
 Lab File: BG038899.D
 Acq: 2 Jan 2019 19:35

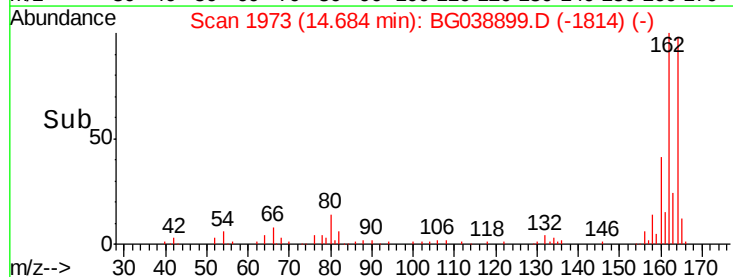
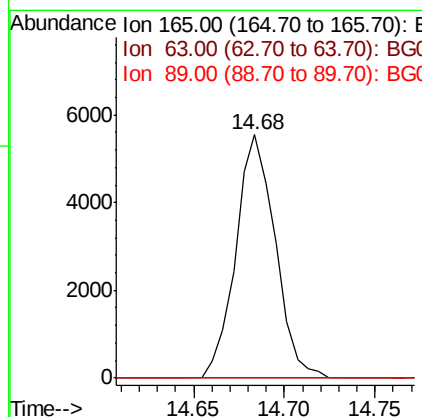
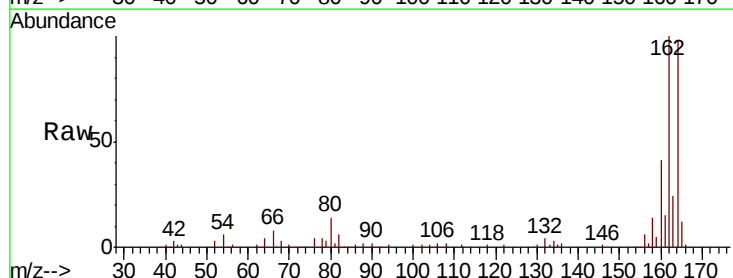
Instrument :
 BNA_G
 ClientSampleId :
 PB116088BL

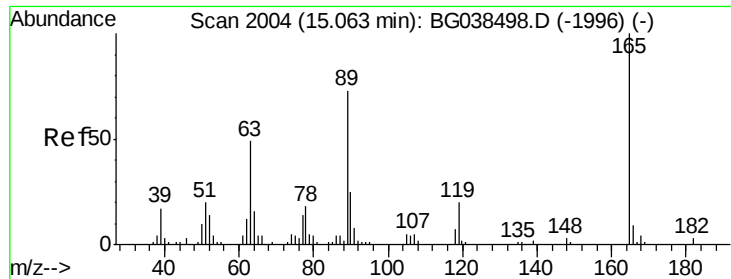
Tot Ion:172 Resp: 433379
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.8 44.6
 170 25.3 19.5 29.3



#51
 2,6-Dinitrotoluene
 Concen: 6.496 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. 0.40 min
 Lab File: BG038899.D
 Acq: 2 Jan 2019 19:35

Tgt Ion:165 Resp: 8385
 Ion Ratio Lower Upper
 165 100
 63 0.0 51.8 77.6#
 89 0.0 47.9 71.9#

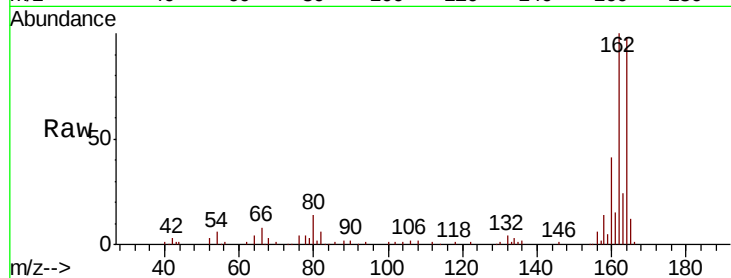




#57
 2,4-Dinitrotoluene
 Concen: 4.612 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.38 min
 Lab File: BG038899.D
 Acq: 2 Jan 2019 19:35

Instrument :
 BNA_G
 ClientSampleId :
 PB116088BL

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.0	58.4#
89	0.0	58.0	87.0#
182	0.0	2.3	3.5#



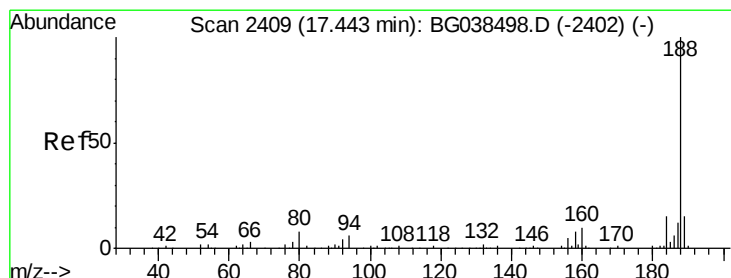
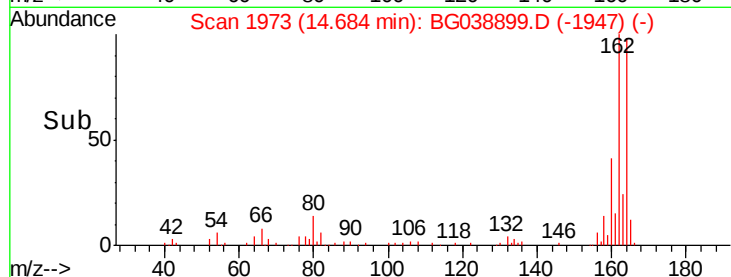
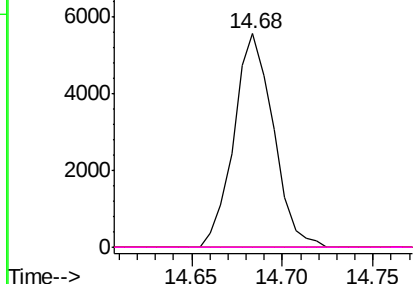
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

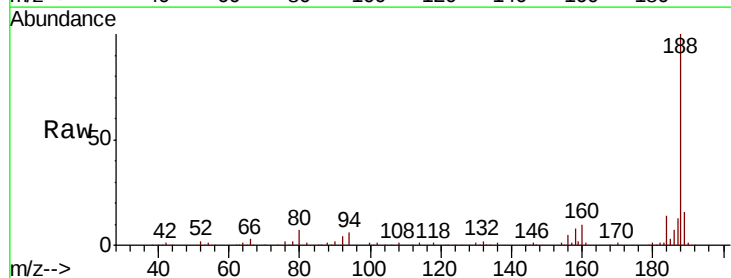
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2441
 Delta R.T. -0.01 min
 Lab File: BG038899.D
 Acq: 2 Jan 2019 19:35

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.1	5.1	7.7
80	6.6	6.1	9.1

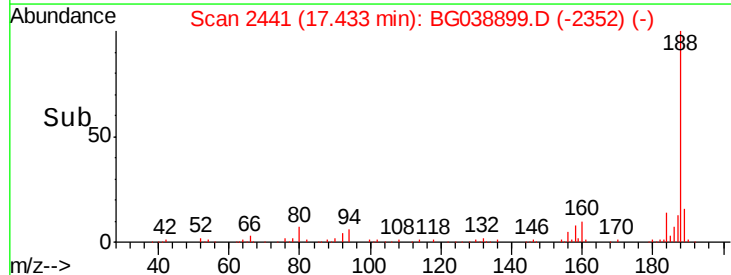
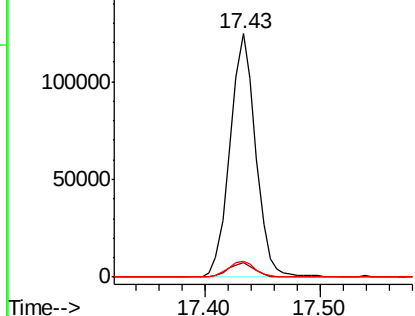


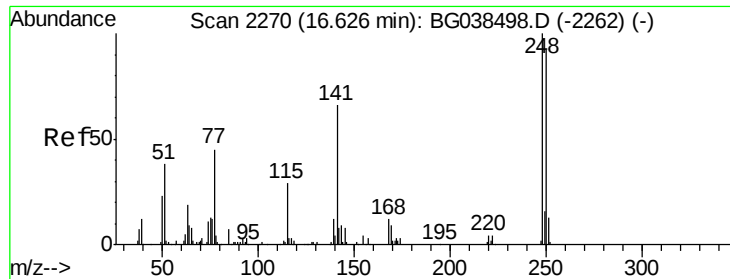
Abundance

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: 4.051 ng

RT: 16.18 min Scan# 2227

Delta R.T. -0.45 min

Lab File: BG038899.D

Acq: 2 Jan 2019 19:35

Instrument :

BNA_G

ClientSampleId :

PB116088BL

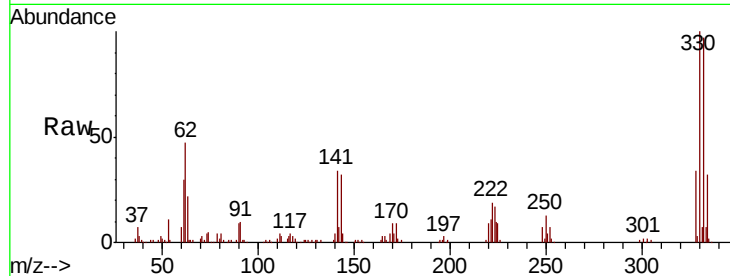
Tot Ion:248 Resp: 9516

Ion Ratio Lower Upper

248 100

250 248.6 73.4 110.2#

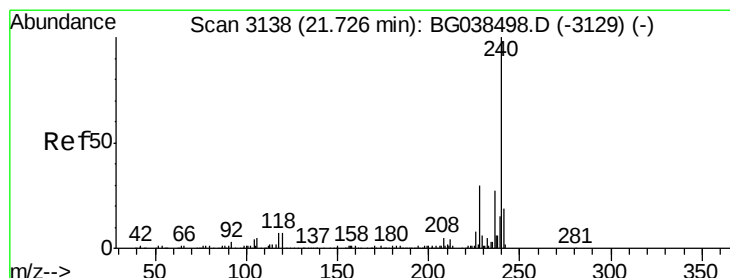
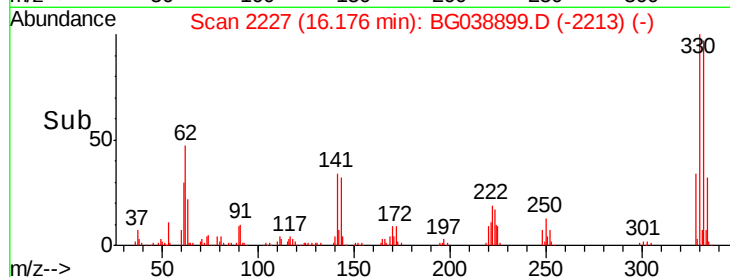
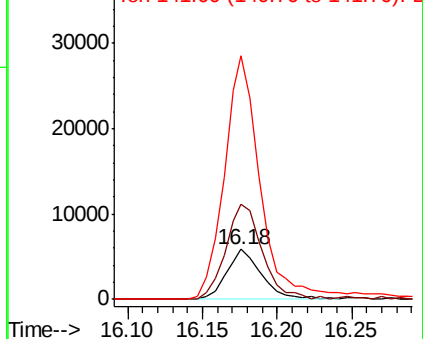
141 489.5 52.9 79.3#



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: 21.71 min Scan# 3169

Delta R.T. -0.02 min

Lab File: BG038899.D

Acq: 2 Jan 2019 19:35

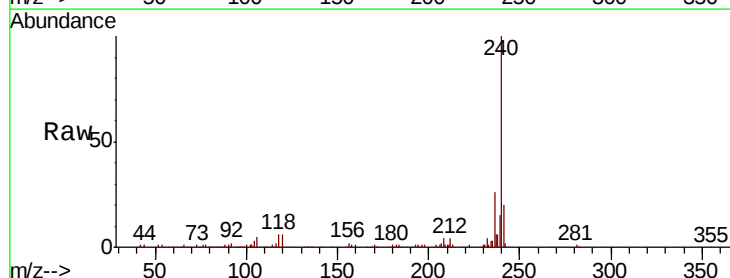
Tgt Ion:240 Resp: 196224

Ion Ratio Lower Upper

240 100

120 6.1 5.3 7.9

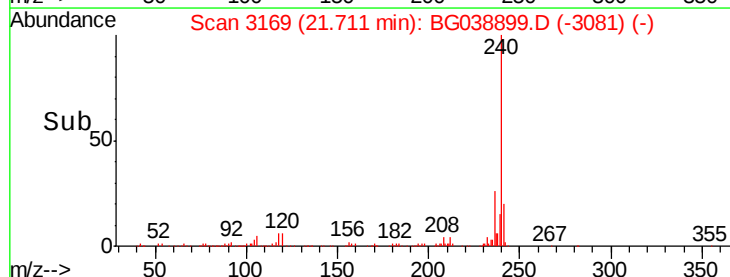
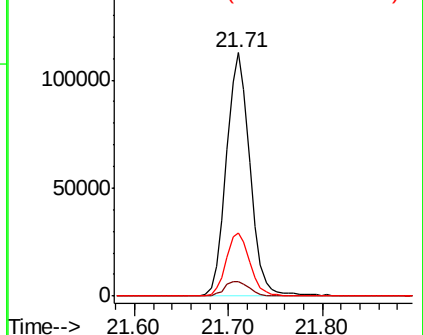
236 25.8 21.4 32.2

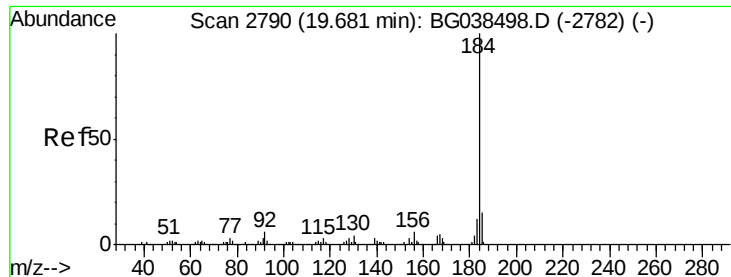


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.383 ng

RT: 20.04 min Scan# 2884

Delta R.T. 0.35 min

Lab File: BG038899.D

Acq: 2 Jan 2019 19:35

Instrument :

BNA_G

ClientSampleId :

PB116088BL

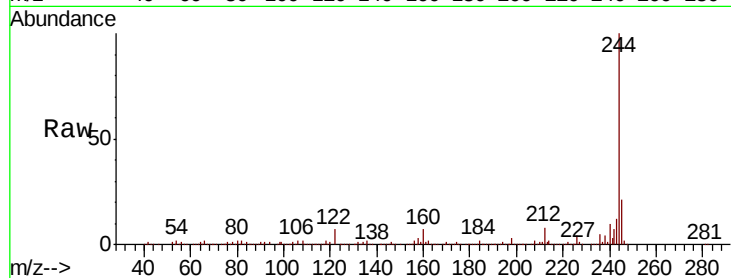
Tot Ion:184 Resp: 13830

Ion Ratio Lower Upper

184 100

185 17.9 12.2 18.2

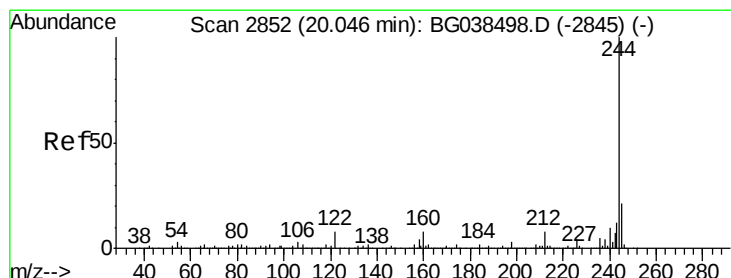
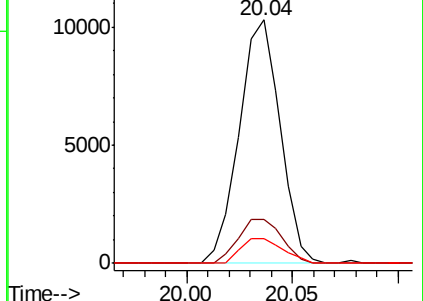
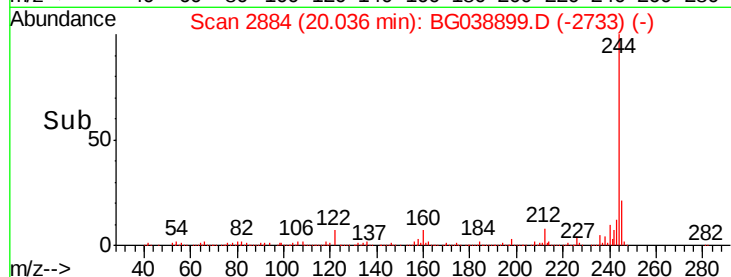
183 10.0 9.6 14.4



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: 100.622 ng

RT: 20.04 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG038899.D

Acq: 2 Jan 2019 19:35

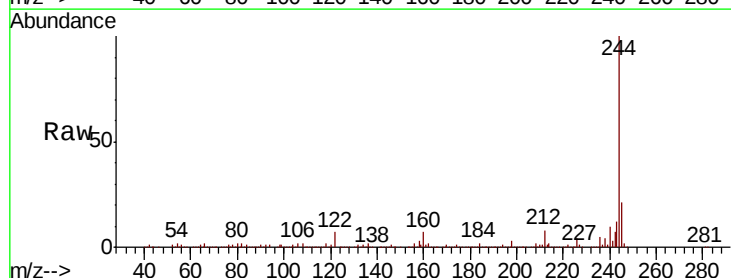
Tgt Ion:244 Resp: 907235

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

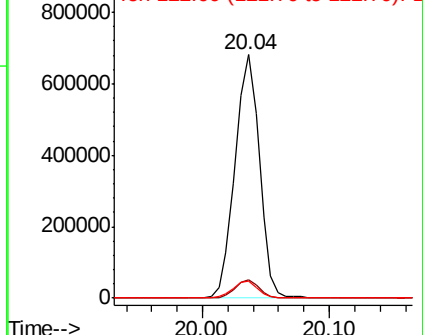
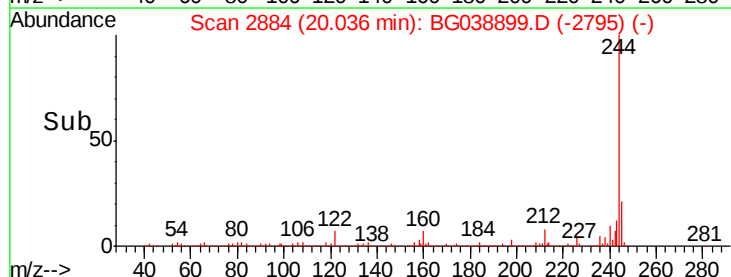
122 7.1 6.3 9.5

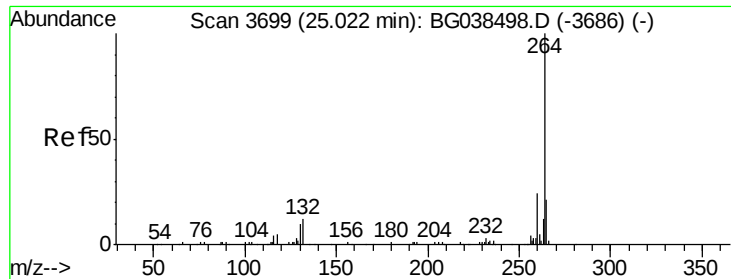


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.00 min Scan# 3729
Delta R.T. -0.02 min
Lab File: BG038899.D
Acq: 2 Jan 2019 19:35

Instrument :
BNA_G
ClientSampleId :
PB116088BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.6	18.9	28.3
265	22.1	17.0	25.4

