

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031119\
 Data File : BG039866.D
 Acq On : 12 Mar 2019 8:16
 Operator : JU/SJ
 Sample : PB117792TB
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117792TB

Quant Time: Mar 12 09:35:10 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

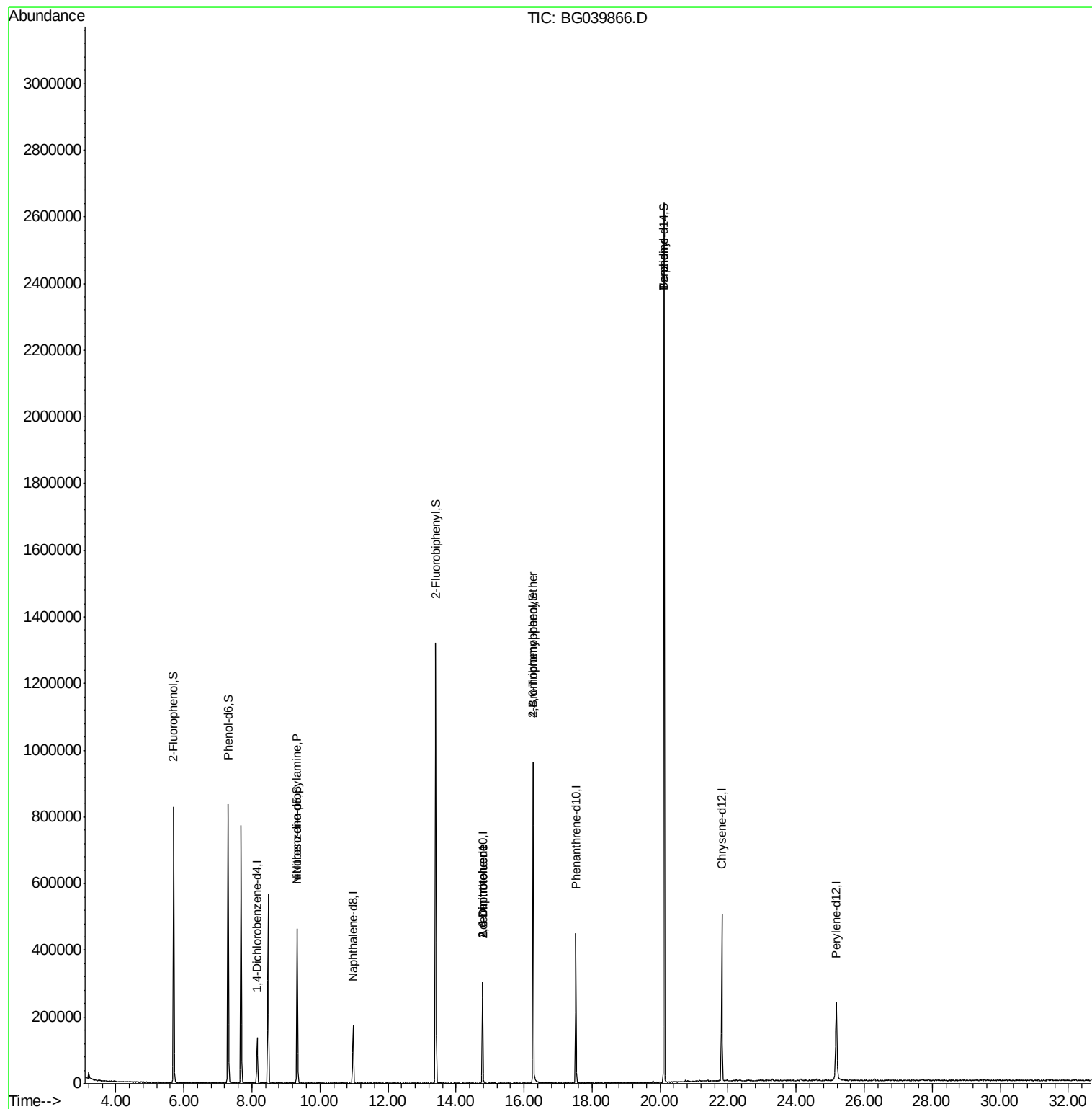
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	37569	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	154618	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	104980	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	269976	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	299702	20.00	ng	-0.02
87) Perylene-d12	25.18	264	290360	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	341350	155.01	ng	-0.01
7) Phenol-d6	7.30	99	485412	147.83	ng	-0.01
23) Nitrobenzene-d5	9.33	82	278404	97.38	ng	-0.02
42) 2,4,6-Tribromophenol	16.27	330	173001	141.38	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	712413	96.62	ng	-0.02
79) Terphenyl-d14	20.12	244	1254996	92.20	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.33	70	36070	15.262	ng	# 66
51) 2,6-Dinitrotoluene	14.78	165	13594	7.305	ng	# 22
57) 2,4-Dinitrotoluene	14.78	165	13594	5.199	ng	# 17
67) 4-Bromophenyl-phenylether	16.26	248	14085	4.661	ng	# 1
77) Benzidine	20.11	184	20990	2.207	ng	# 89

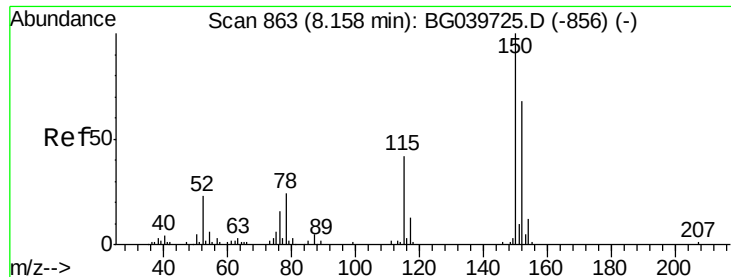
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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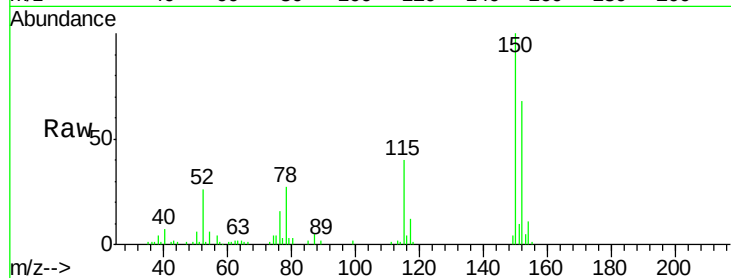


#1

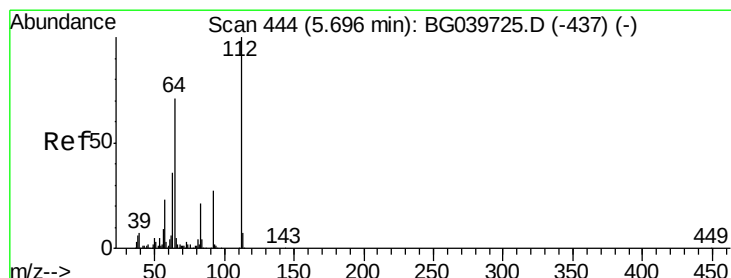
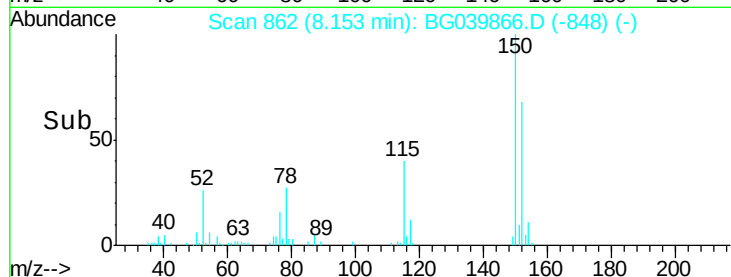
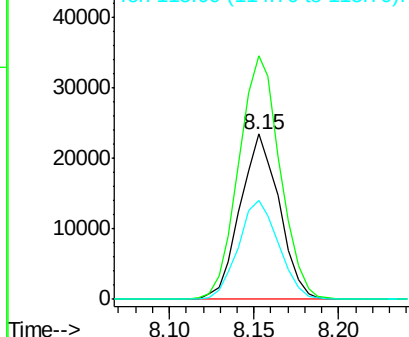
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039866.D
Acq: 12 Mar 2019 8:16

Instrument :
BNA_G
ClientSampleId :
PB117792TB

Tgt Ion:152 Resp: 37569
Ion Ratio Lower Upper
152 100
150 147.5 123.7 185.5
115 59.6 45.9 68.9



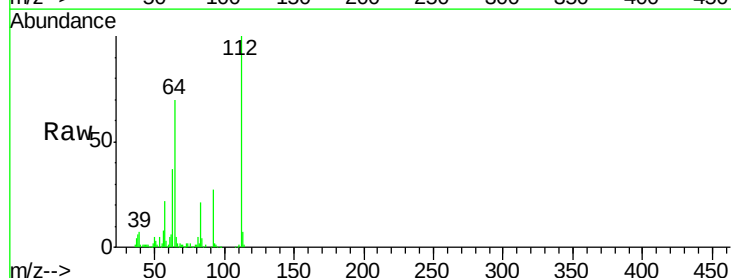
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



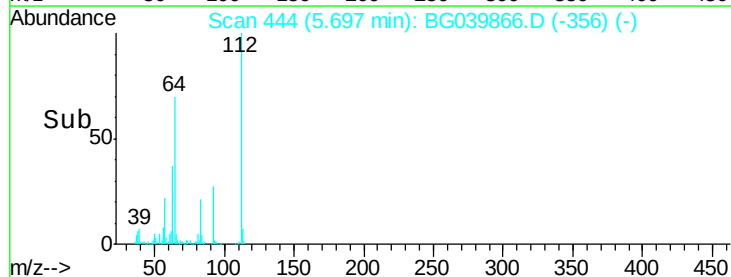
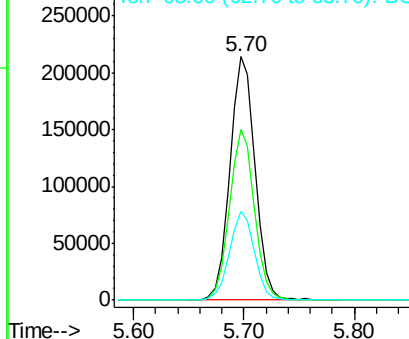
#5

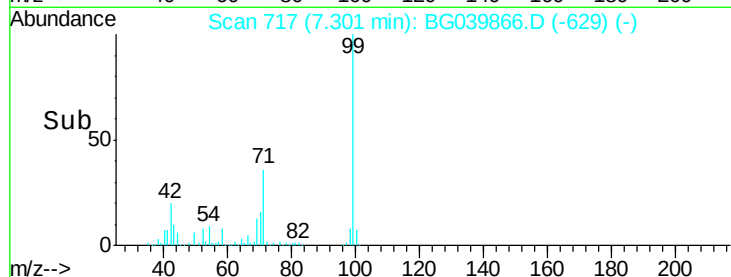
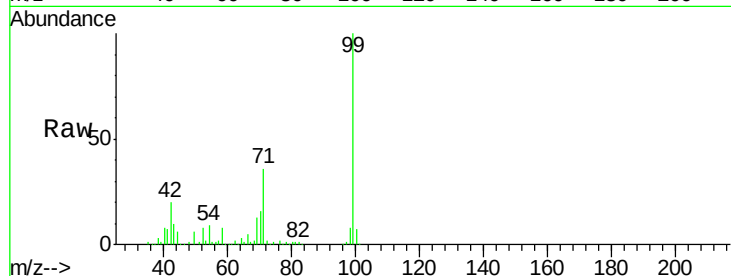
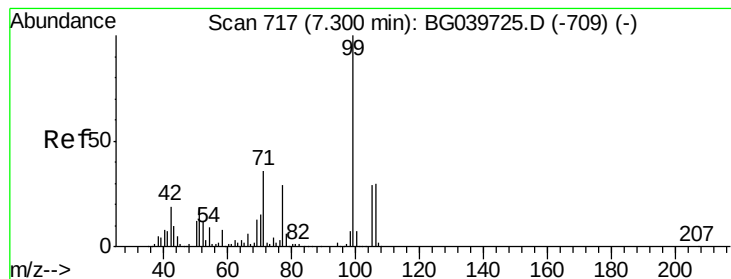
2-Fluorophenol
Concen: 155.007 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG039866.D
Acq: 12 Mar 2019 8:16

Tgt Ion:112 Resp: 341350
Ion Ratio Lower Upper
112 100
64 70.1 57.8 86.8
63 36.7 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: 147.832 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039866.D

Acq: 12 Mar 2019 8:16

Instrument :

BNA_G

ClientSampleId :

PB117792TB

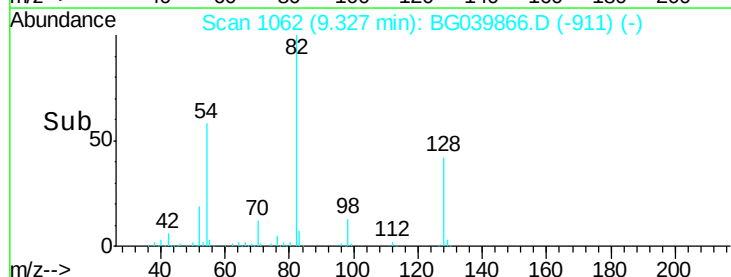
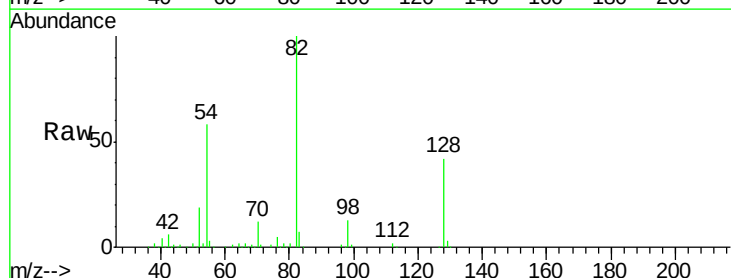
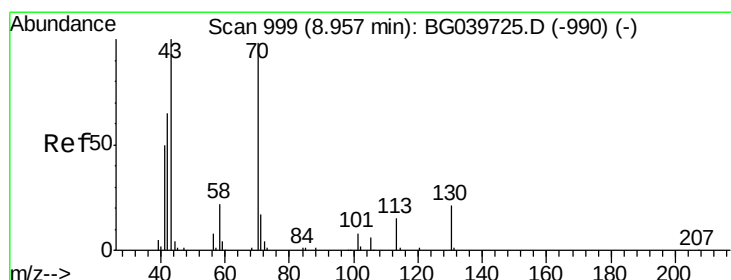
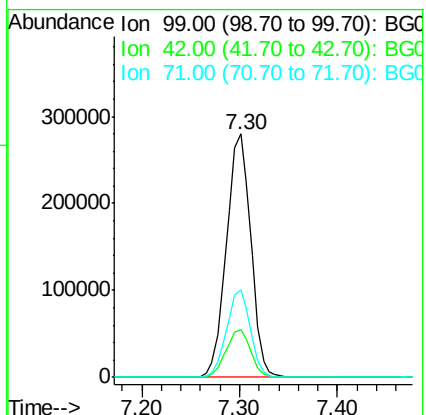
Tgt Ion: 99 Resp: 485412

Ion Ratio Lower Upper

99 100

42 19.7 18.2 27.2

71 35.8 28.0 42.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.262 ng

RT: 9.33 min Scan# 1062

Delta R.T. 0.36 min

Lab File: BG039866.D

Acq: 12 Mar 2019 8:16

Tgt Ion: 70 Resp: 36070

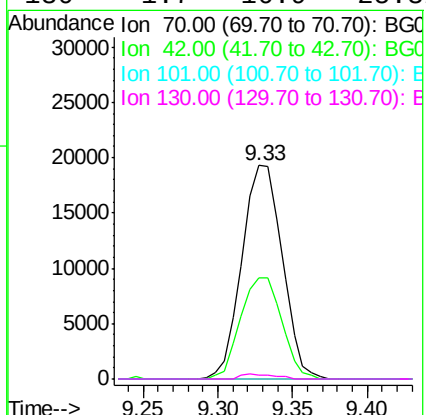
Ion Ratio Lower Upper

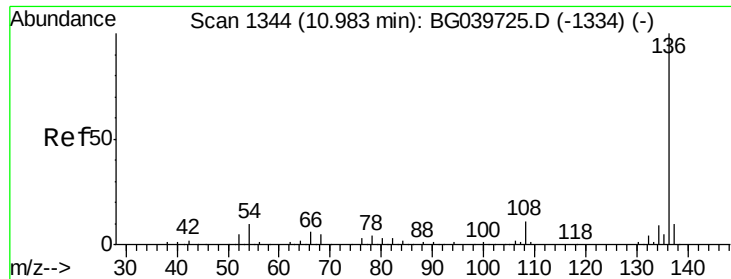
70 100

42 47.1 60.4 90.6#

101 0.0 7.5 11.3#

130 1.7 16.9 25.3#

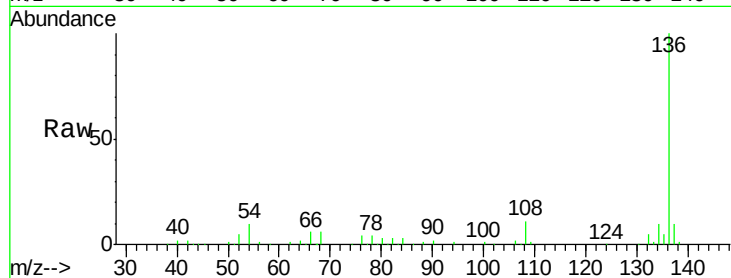




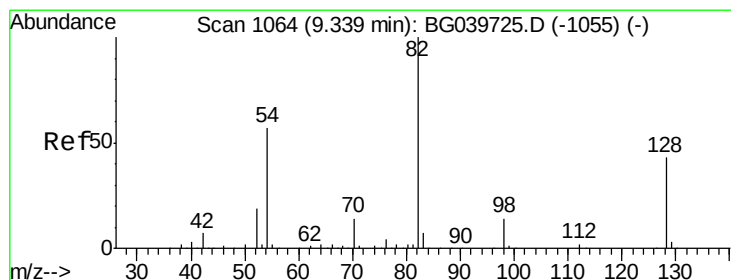
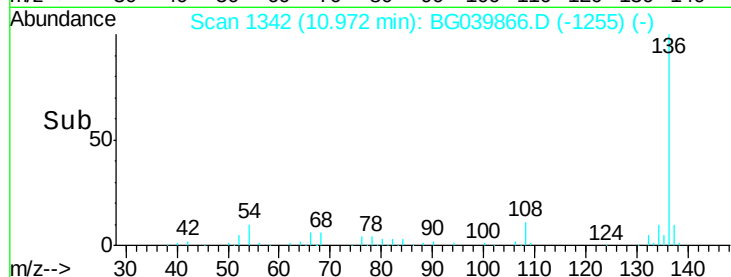
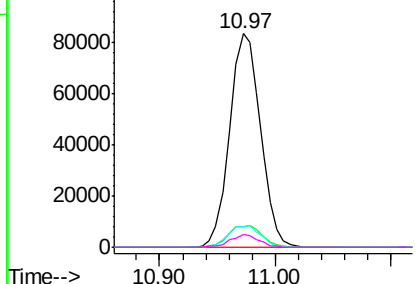
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG039866.D
Acq: 12 Mar 2019 8:16

Instrument :
BNA_G
ClientSampleId :
PB117792TB

Tgt Ion:	136	Resp:	154618
Ion	Ratio	Lower	Upper
136	100		
137	9.8	9.1	13.7
54	9.8	9.4	14.2
68	6.1	4.2	6.4

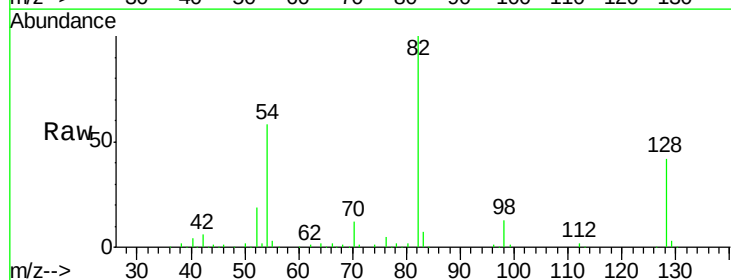


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

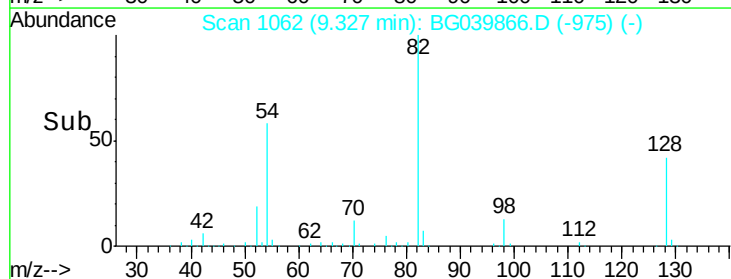
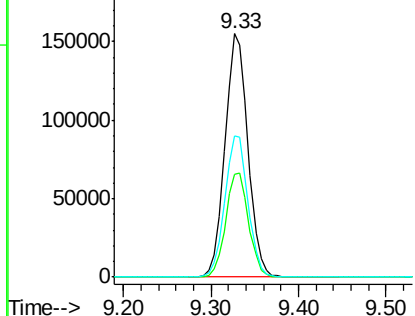


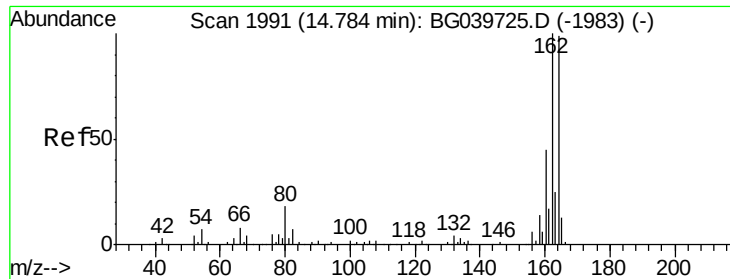
#23
Nitrobenzene-d5
Concen: 97.383 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG039866.D
Acq: 12 Mar 2019 8:16

Tgt Ion:	82	Resp:	278404
Ion	Ratio	Lower	Upper
82	100		
128	42.3	31.3	46.9
54	58.3	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# 1990

Delta R.T. -0.01 min

Lab File: BG039866.D

Acq: 12 Mar 2019 8:16

Instrument :

BNA_G

ClientSampleId :

PB117792TB

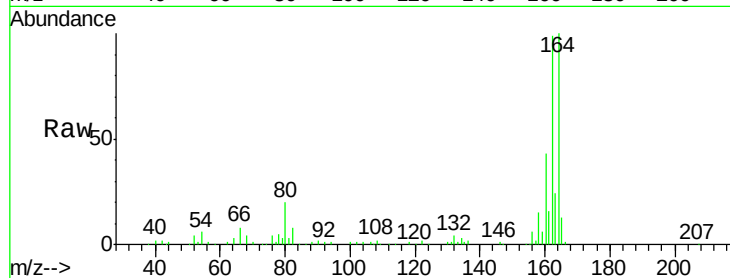
Tgt Ion:164 Resp: 104980

Ion Ratio Lower Upper

164 100

162 98.9 81.6 122.4

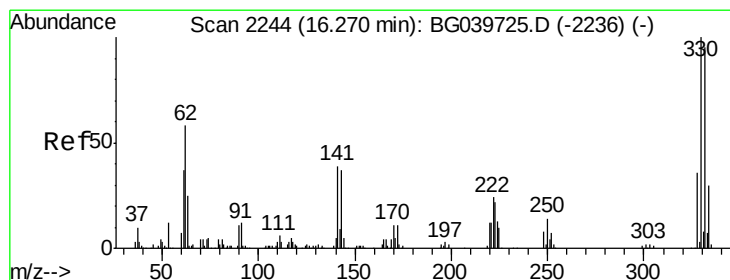
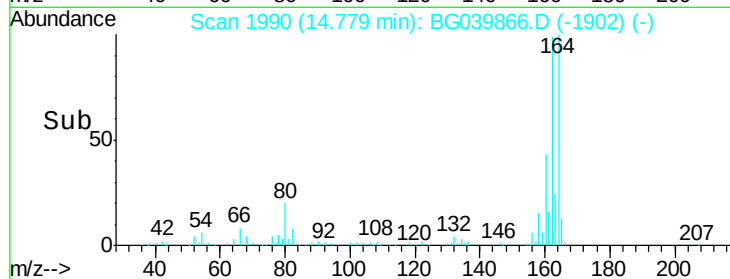
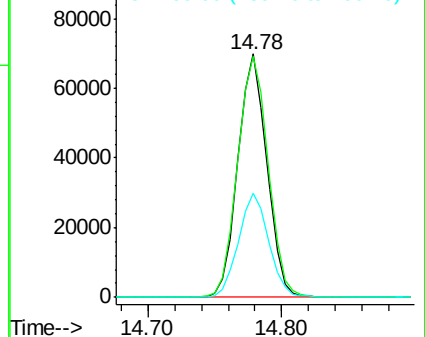
160 42.6 34.2 51.2



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: 141.385 ng

RT: 16.27 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BG039866.D

Acq: 12 Mar 2019 8:16

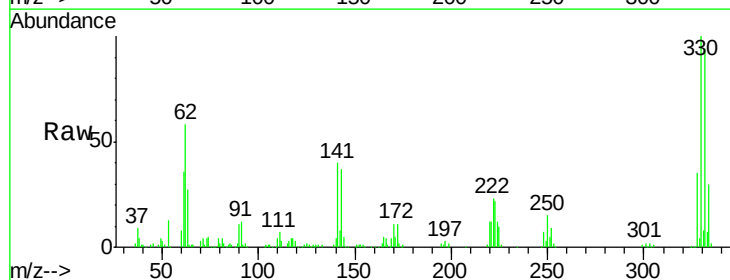
Tgt Ion:330 Resp: 173001

Ion Ratio Lower Upper

330 100

332 98.0 75.7 113.5

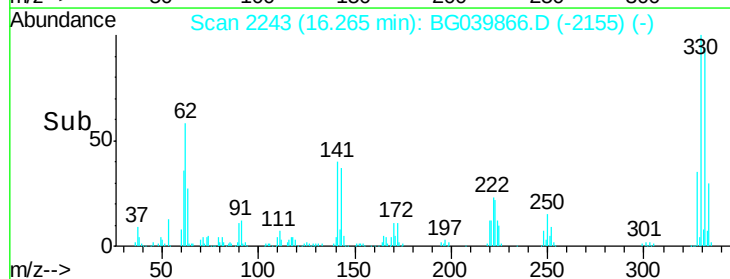
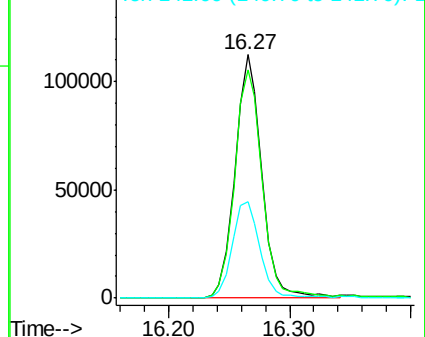
141 41.5 35.6 53.4

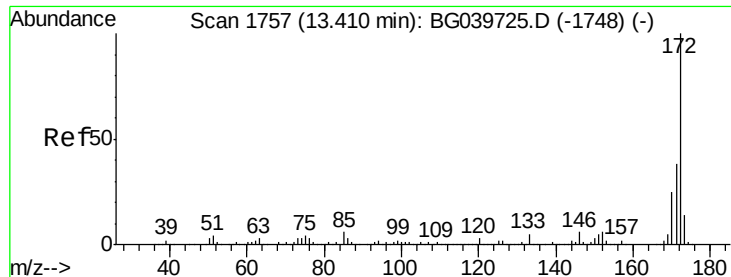


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

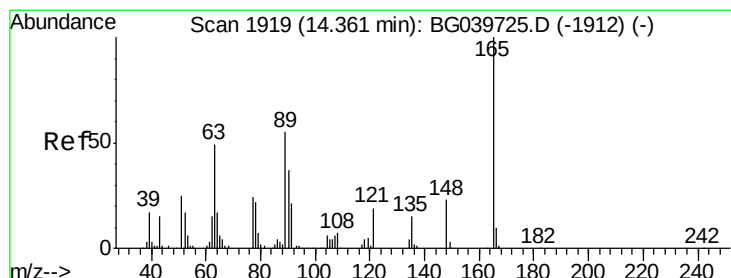
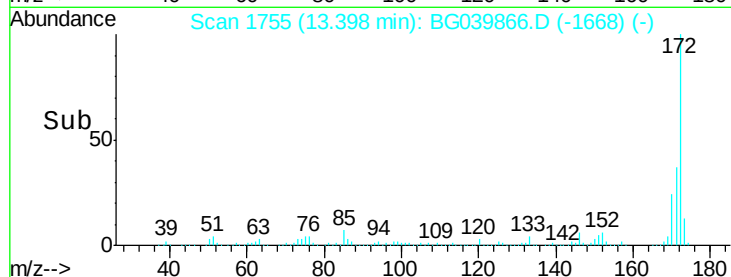
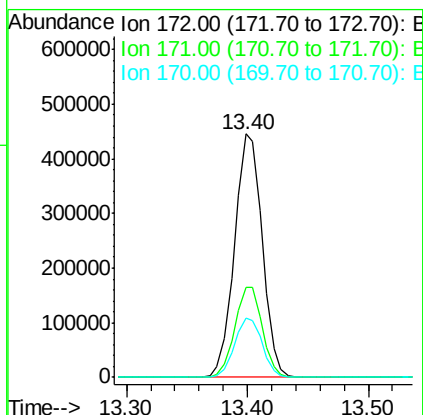
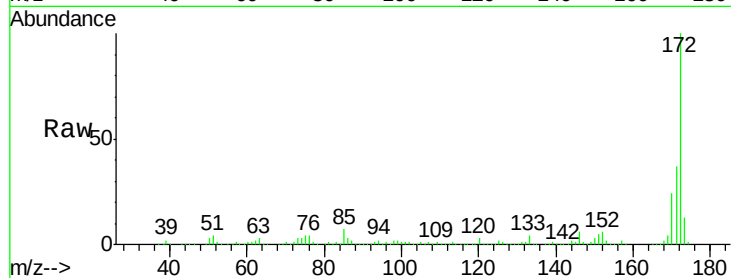




#45
2-Fluorobiphenyl
Concen: 96.624 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG039866.D
Acq: 12 Mar 2019 8:16

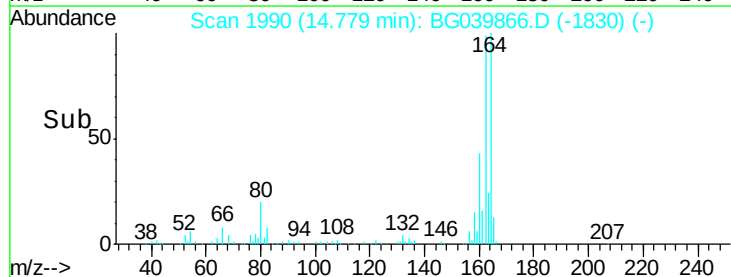
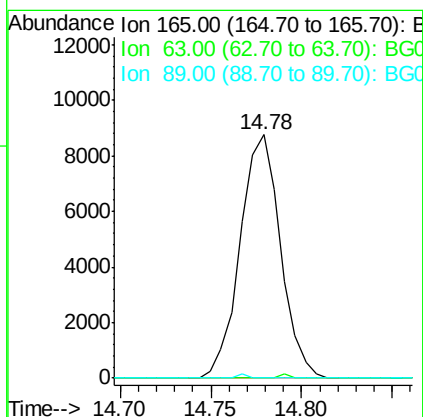
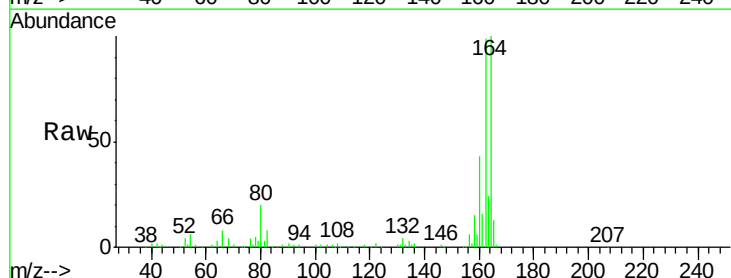
Instrument :
BNA_G
ClientSampleId :
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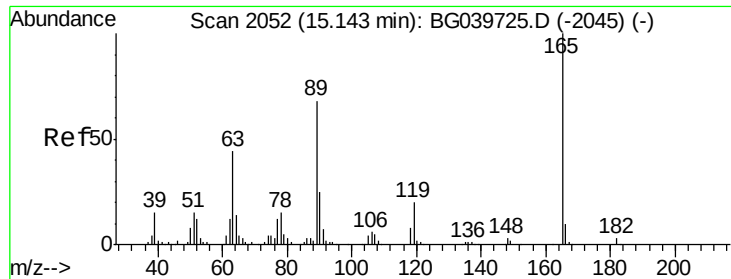
Tgt Ion:172 Resp: 712413
Ion Ratio Lower Upper
172 100
171 36.8 30.8 46.2
170 24.2 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 7.305 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.41 min
Lab File: BG039866.D
Acq: 12 Mar 2019 8:16

Tgt Ion:165 Resp: 13594
Ion Ratio Lower Upper
165 100
63 0.0 47.0 70.6#
89 0.0 45.8 68.8#

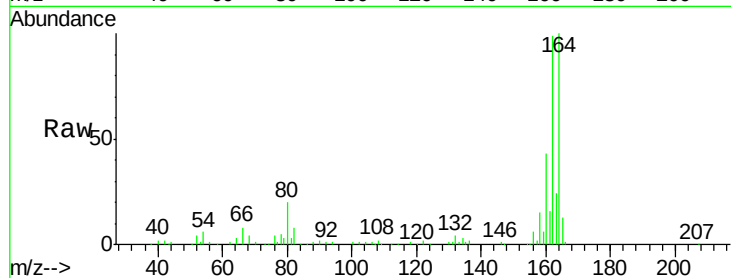




#57
 2,4-Dinitrotoluene
 Concen: 5.199 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. -0.37 min
 Lab File: BG039866.D
 Acq: 12 Mar 2019 8:16

Instrument :
 BNA_G
 ClientSampleId :
 PB117792TB

Tgt Ion:	165	Resp:	13594
Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.0	61.6#
89	0.0	64.6	96.8#
182	0.0	2.0	3.0#

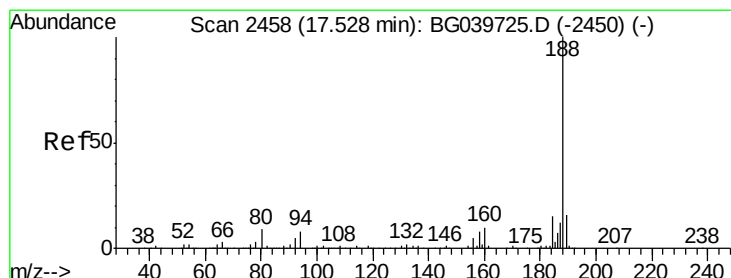
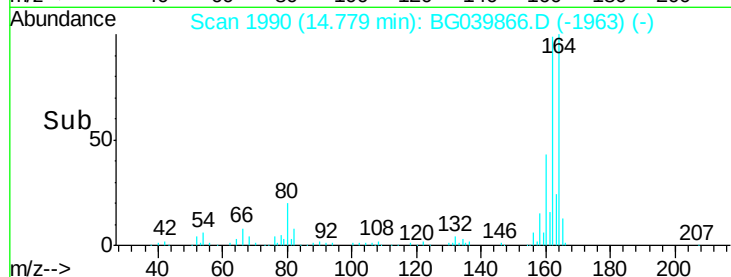
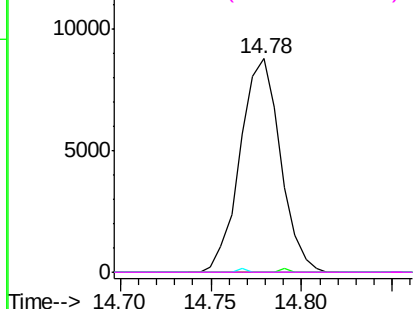


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

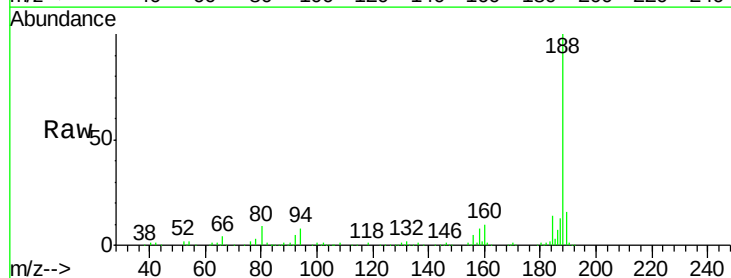
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2457
 Delta R.T. -0.01 min
 Lab File: BG039866.D
 Acq: 12 Mar 2019 8:16

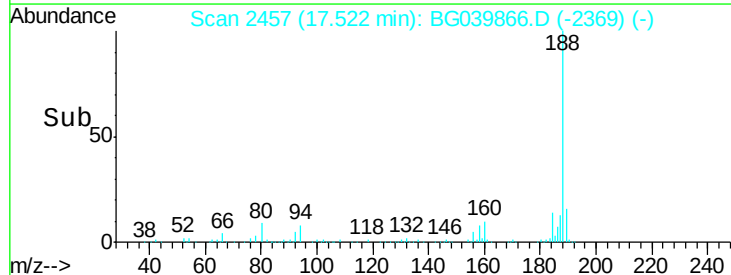
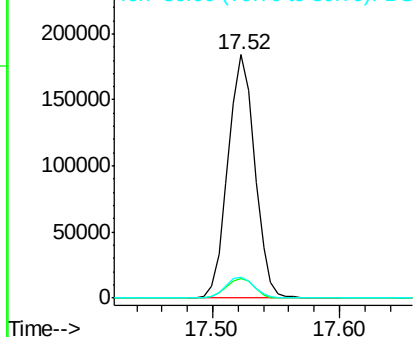
Tgt Ion:	188	Resp:	269976
Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.9	10.3
80	8.8	8.1	12.1

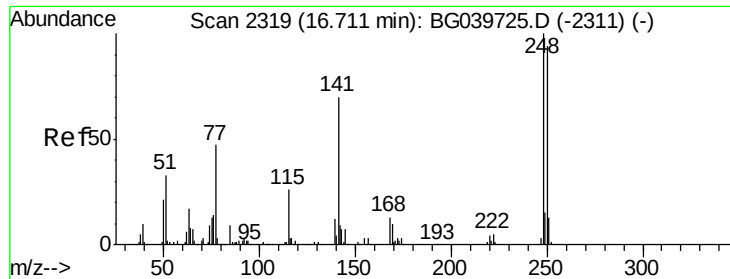


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

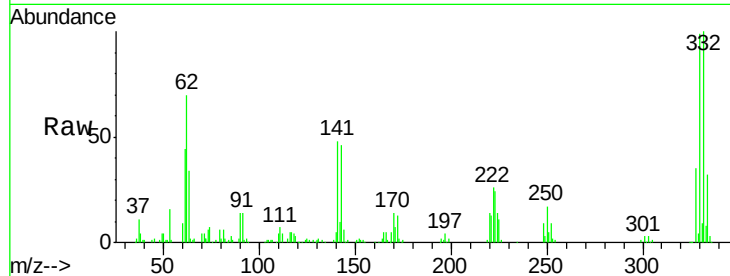




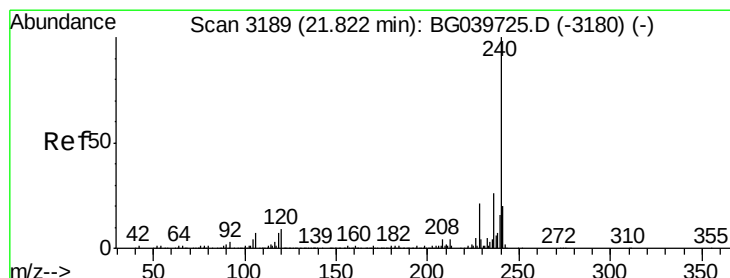
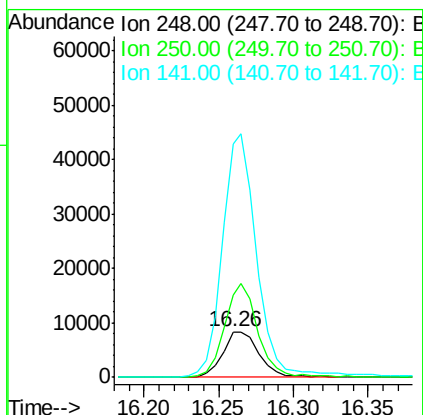
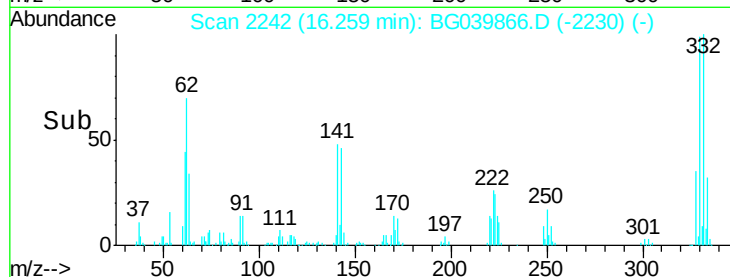
#67
 4-Bromophenyl-phenylether
 Concen: 4.661 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.46 min
 Lab File: BG039866.D
 Acq: 12 Mar 2019 8:16

Instrument :
 BNA_G
 ClientSampleId :
 PB117792TB

Tgt Ion:248 Resp: 14085
 Ion Ratio Lower Upper
 248 100
 250 181.0 77.6 116.4#
 141 514.6 63.9 95.9#

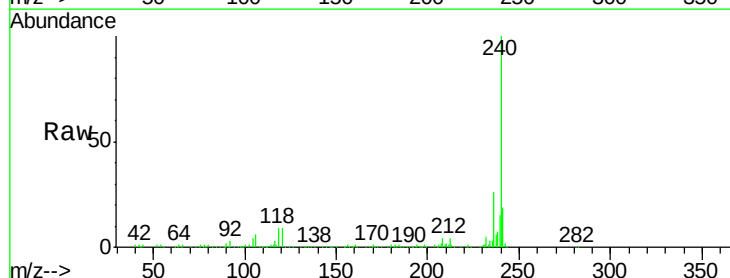


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

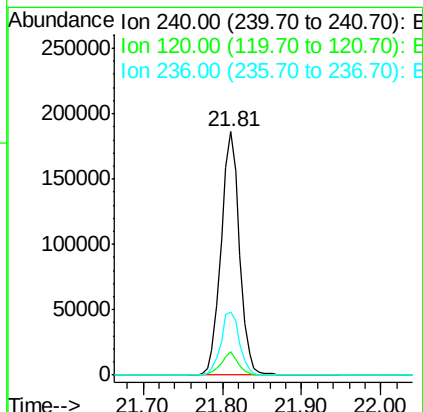
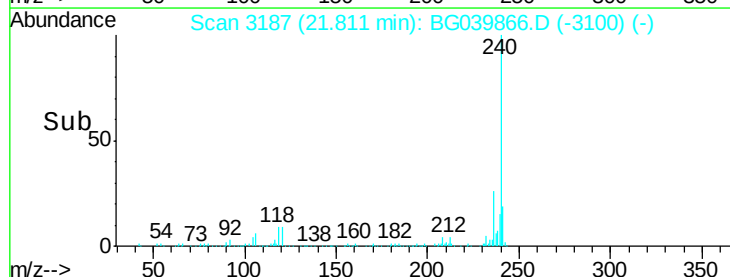


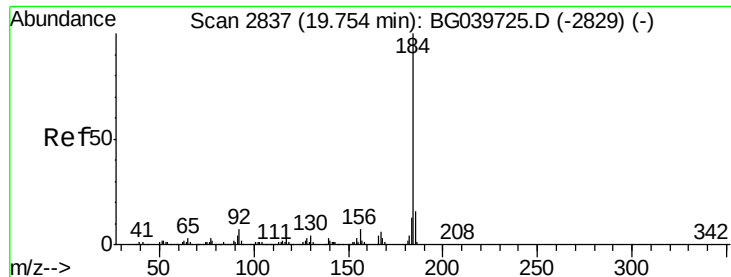
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.81 min Scan# 3187
 Delta R.T. -0.02 min
 Lab File: BG039866.D
 Acq: 12 Mar 2019 8:16

Tgt Ion:240 Resp: 299702
 Ion Ratio Lower Upper
 240 100
 120 9.4 7.0 10.6
 236 26.0 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





#77

Benzidine

Concen: 2.207 ng

RT: 20.11 min Scan# 2898

Delta R.T. 0.36 min

Lab File: BG039866.D

Acq: 12 Mar 2019 8:16

Instrument :

BNA_G

ClientSampleId :

PB117792TB

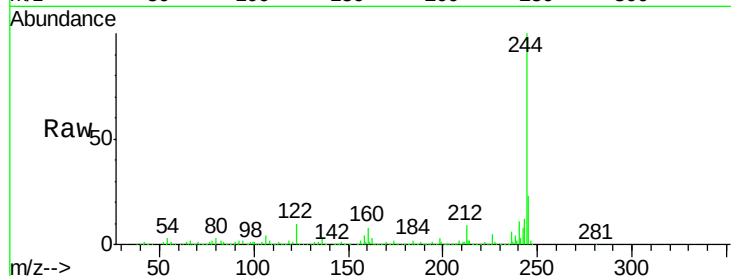
Tgt Ion:184 Resp: 20990

Ion Ratio Lower Upper

184 100

185 18.6 12.2 18.2#

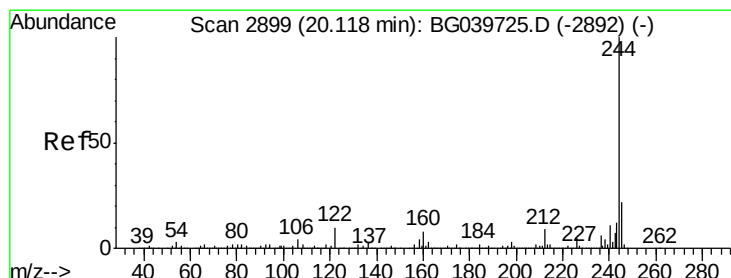
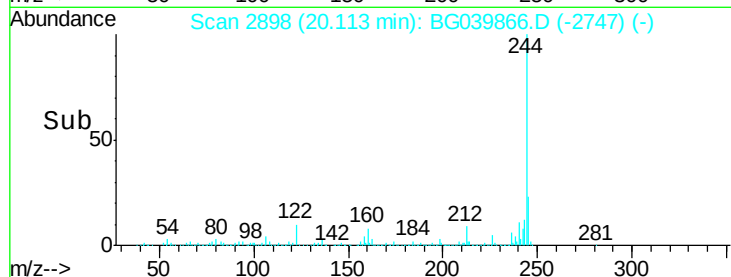
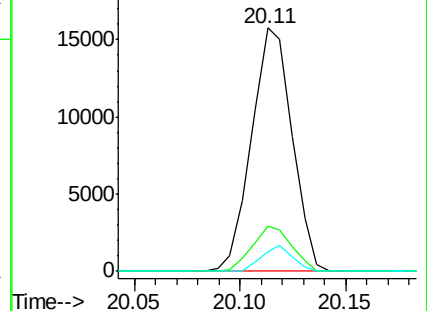
183 7.8 10.6 15.8#



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: 92.200 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039866.D

Acq: 12 Mar 2019 8:16

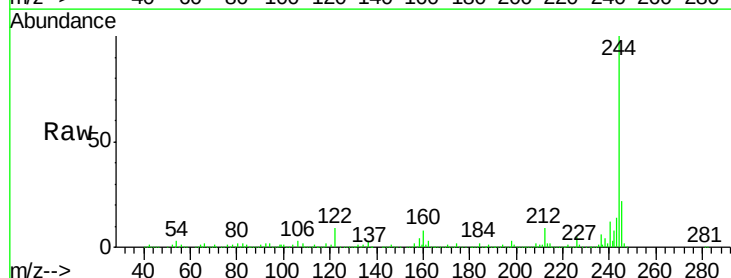
Tgt Ion:244 Resp: 1254996

Ion Ratio Lower Upper

244 100

212 8.8 7.3 10.9

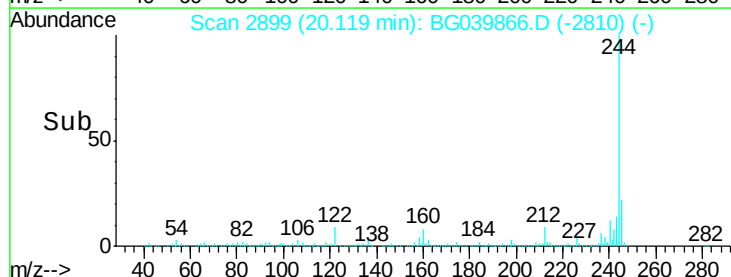
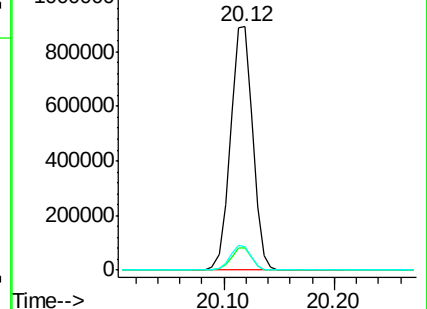
122 9.5 8.4 12.6

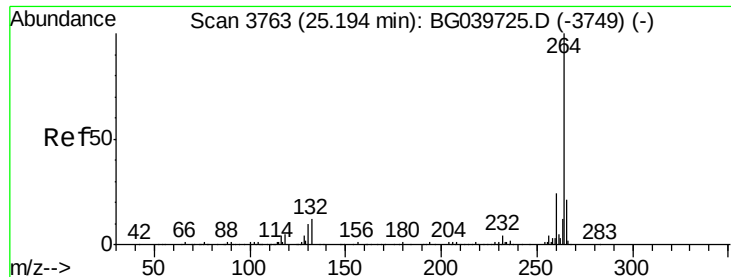


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG039866.D
Acq: 12 Mar 2019 8:16

Instrument :
BNA_G
ClientSampleId :
PB117792TB

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.4
265	20.8	18.5	27.7

