

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031519\
 Data File : BG039939.D
 Acq On : 15 Mar 2019 13:33
 Operator : JU/SJ
 Sample : PB117948BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117948BL

Quant Time: Mar 16 04:06:12 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

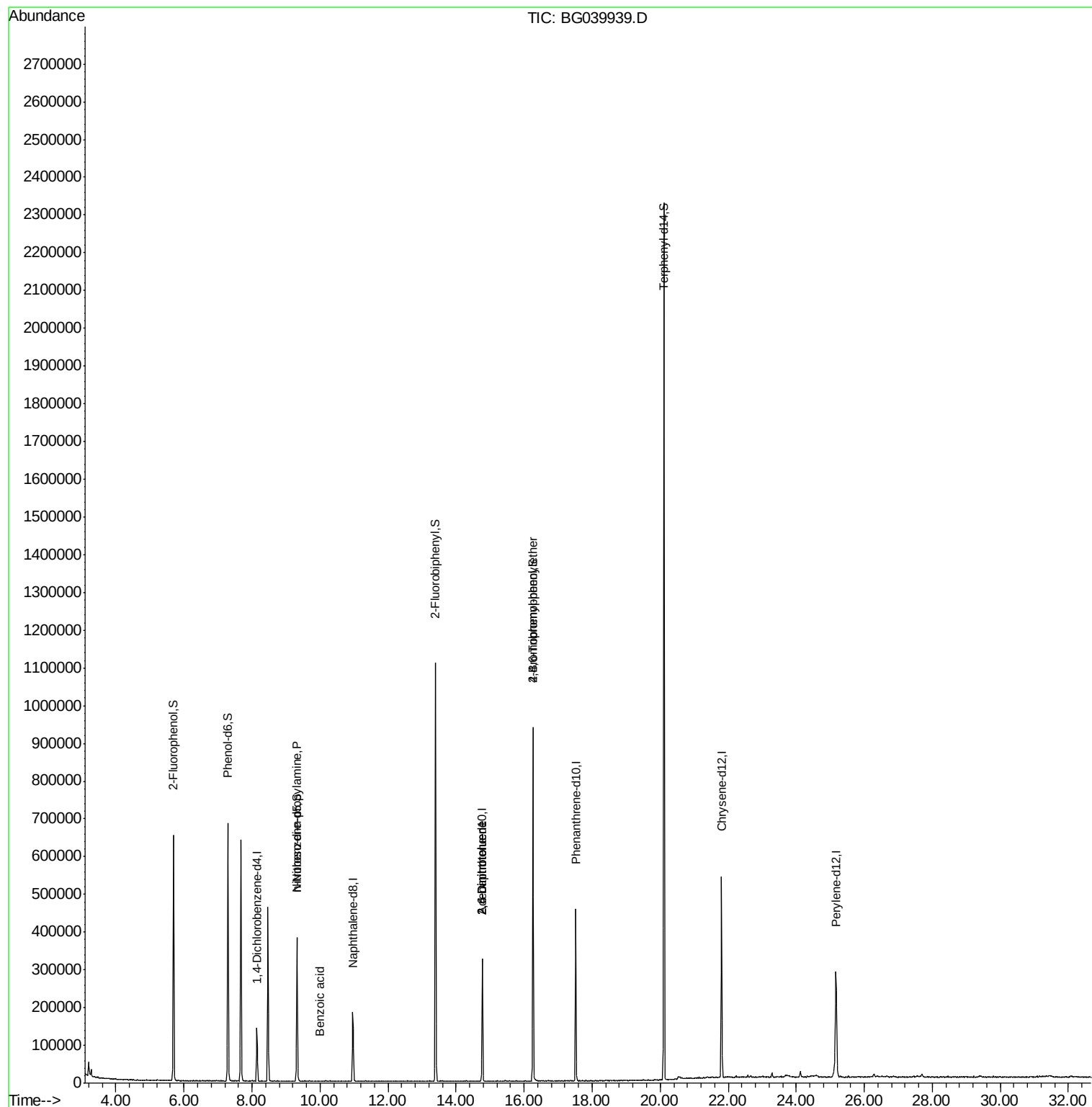
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	38488	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	159230	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	110018	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	288788	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	322636	20.00	ng	-0.02
87) Perylene-d12	25.17	264	320824	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	263549	116.82	ng	-0.02
7) Phenol-d6	7.29	99	376825	112.02	ng	-0.02
23) Nitrobenzene-d5	9.33	82	226666	76.99	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	156272	121.86	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	590944	76.48	ng	-0.02
79) Terphenyl-d14	20.11	244	1061102	72.41	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.33	70	29603	12.226	ng	# 71
32) Benzoic acid	10.00	122	61	6.631	ng	# 1
51) 2,6-Dinitrotoluene	14.77	165	14416	7.392	ng	# 24
57) 2,4-Dinitrotoluene	14.77	165	14416	5.261	ng	# 19
67) 4-Bromophenyl-phenylether	16.26	248	11313	3.500	ng	# 1

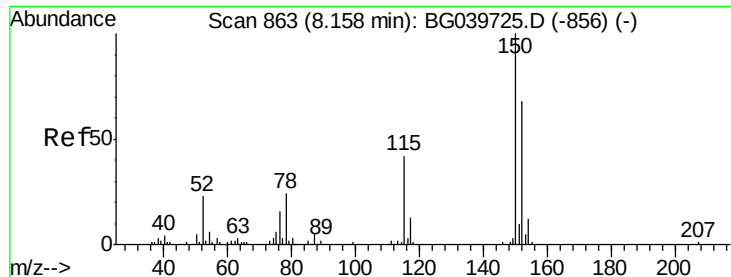
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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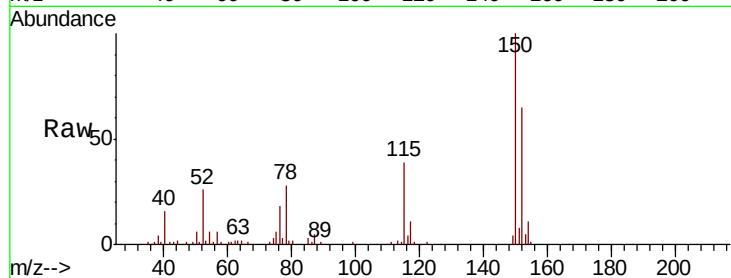


#1

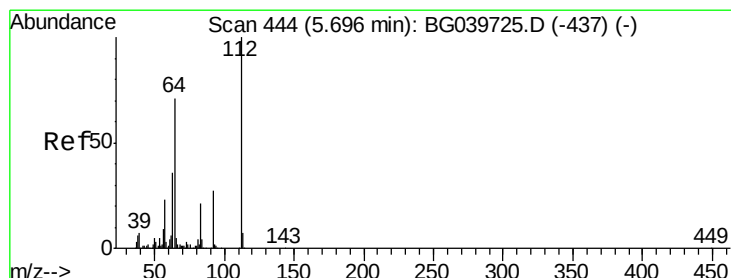
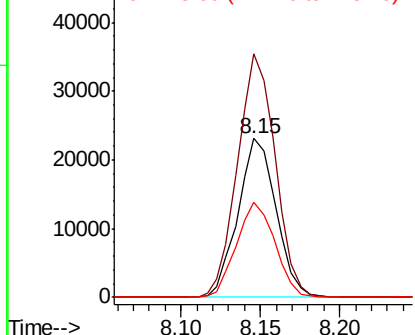
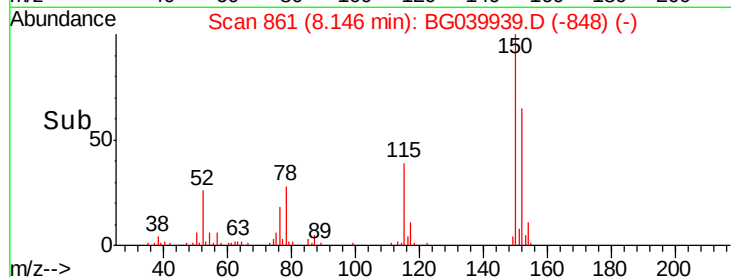
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG039939.D
Acq: 15 Mar 2019 13:33

Instrument :
BNA_G
ClientSampleId :
PB117948BL

Tgt Ion:152 Resp: 38488
Ion Ratio Lower Upper
152 100
150 153.2 123.7 185.5
115 59.7 45.9 68.9



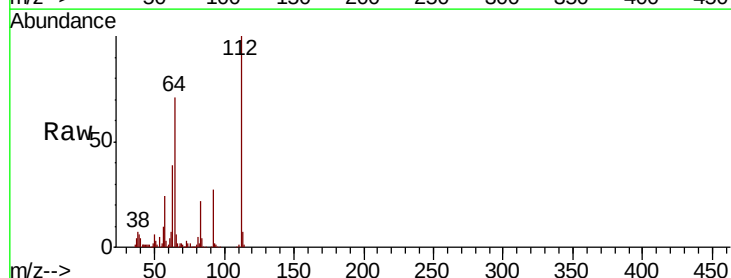
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



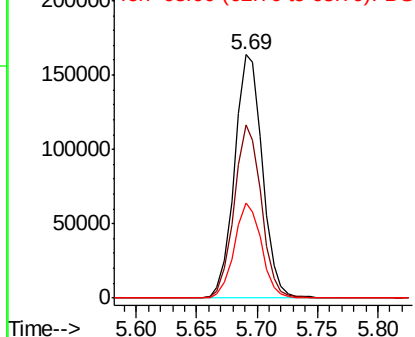
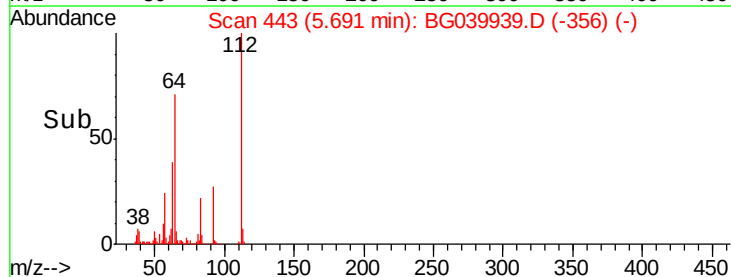
#5

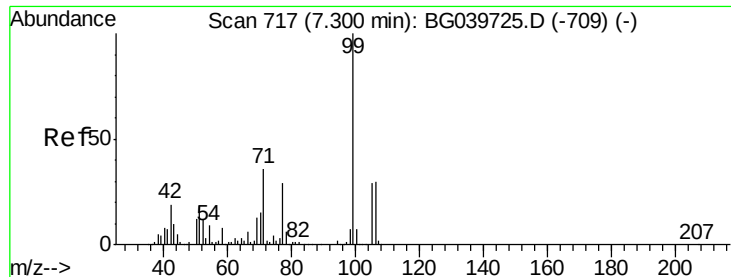
2-Fluorophenol
Concen: 116.820 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG039939.D
Acq: 15 Mar 2019 13:33

Tgt Ion:112 Resp: 263549
Ion Ratio Lower Upper
112 100
64 71.1 57.8 86.8
63 39.1 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 112.021 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039939.D

Acq: 15 Mar 2019 13:33

Instrument :

BNA_G

ClientSampleId :

PB117948BL

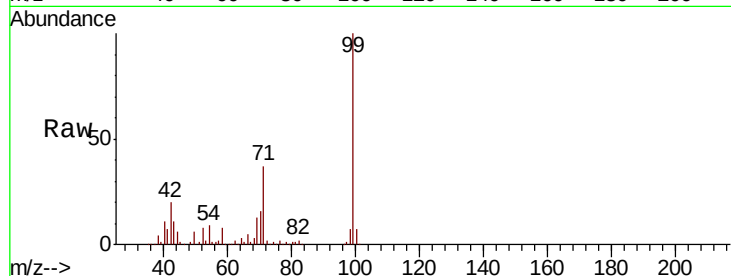
Tgt Ion: 99 Resp: 376825

Ion Ratio Lower Upper

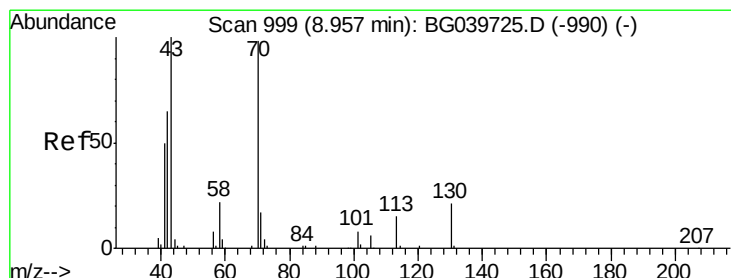
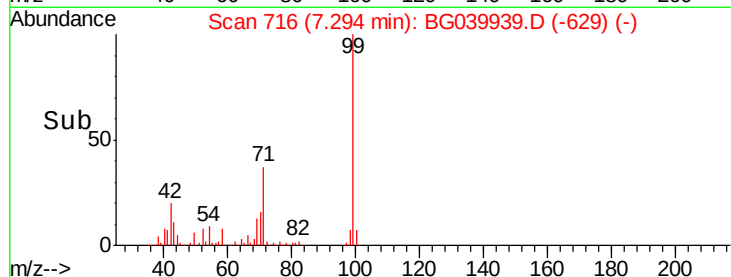
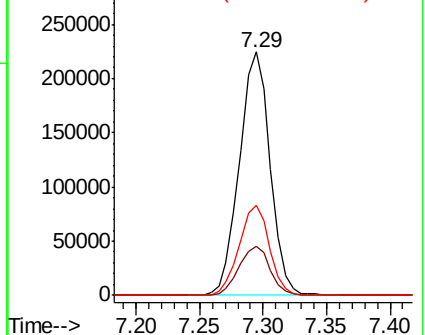
99 100

42 20.0 18.2 27.2

71 37.2 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



#19

n-Nitroso-di-n-propylamine

Concen: 12.226 ng

RT: 9.33 min Scan# 1062

Delta R.T. 0.36 min

Lab File: BG039939.D

Acq: 15 Mar 2019 13:33

Tgt Ion: 70 Resp: 29603

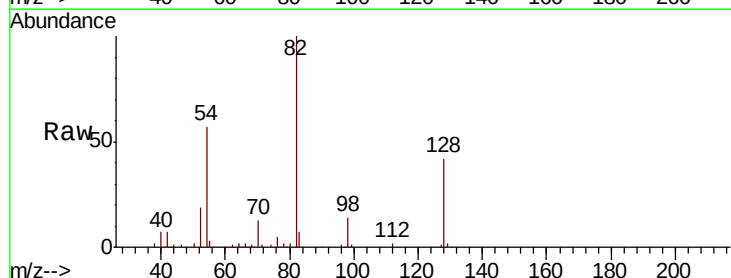
Ion Ratio Lower Upper

70 100

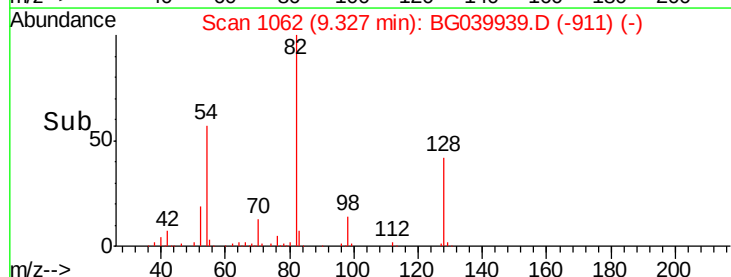
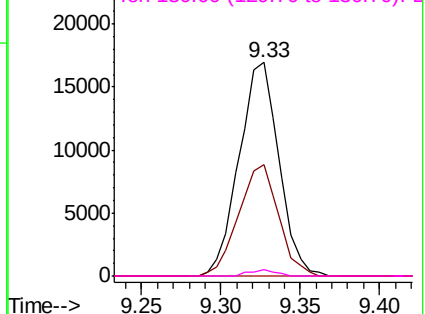
42 52.3 60.4 90.6#

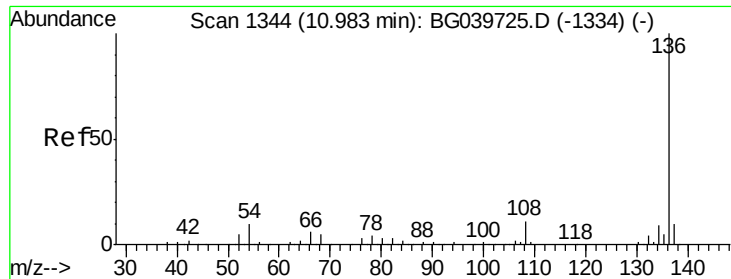
101 0.0 7.5 11.3#

130 2.8 16.9 25.3#



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

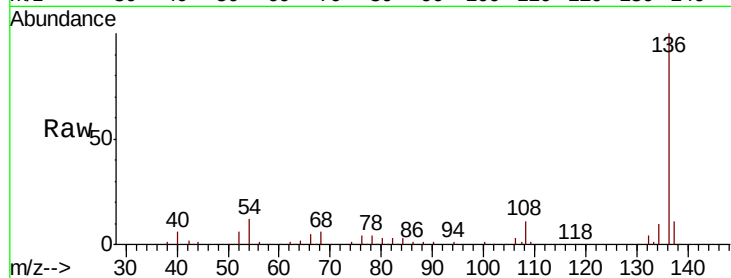




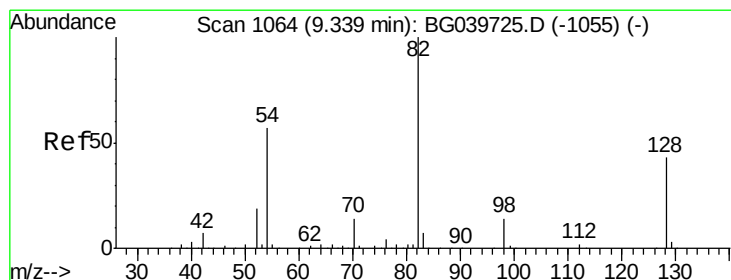
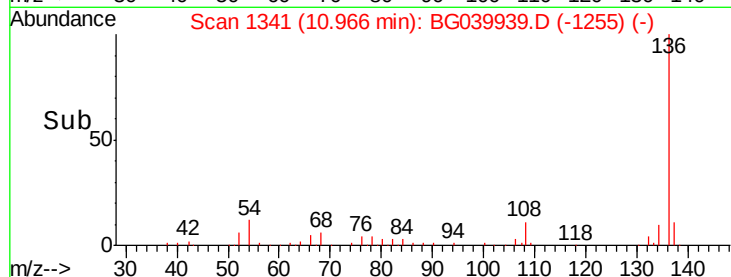
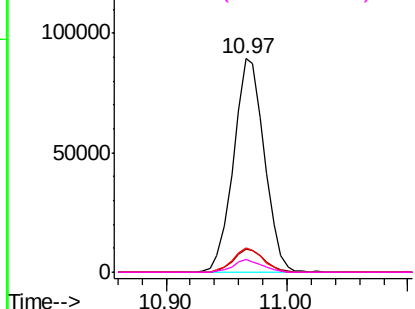
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG039939.D
Acq: 15 Mar 2019 13:33

Instrument :
BNA_G
ClientSampleId :
PB117948BL

Tgt Ion:	136	Resp:	159230
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	11.7	9.4	14.2
68	5.8	4.2	6.4

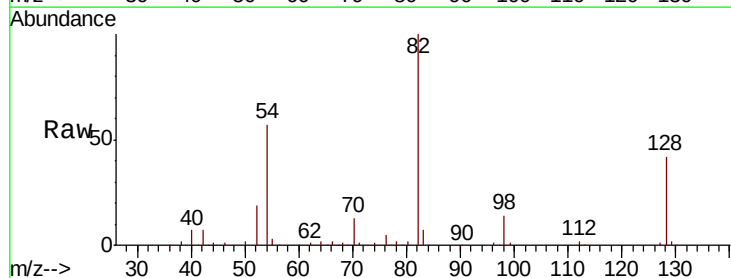


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

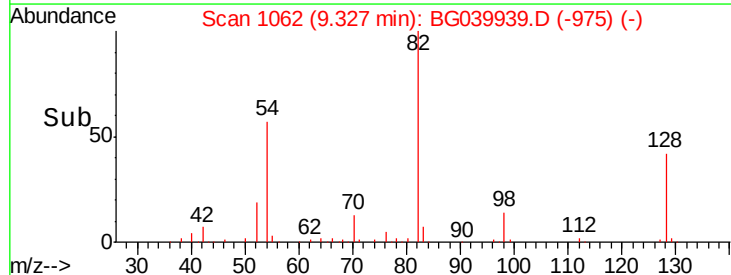
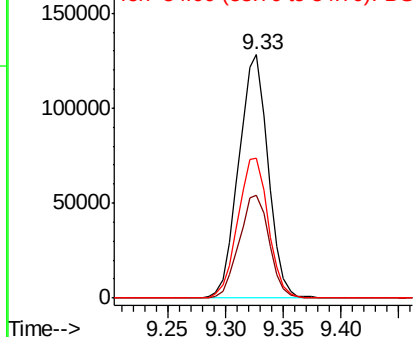


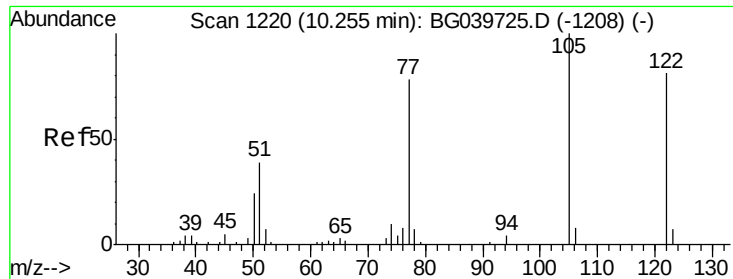
#23
Nitrobenzene-d5
Concen: 76.989 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG039939.D
Acq: 15 Mar 2019 13:33

Tgt Ion:	82	Resp:	226666
Ion	Ratio	Lower	Upper
82	100		
128	42.1	31.3	46.9
54	57.4	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





#32

Benzoic acid

Concen: 6.631 ng

RT: 10.00 min Scan# 1177

Delta R.T. -0.26 min

Lab File: BG039939.D

Acq: 15 Mar 2019 13:33

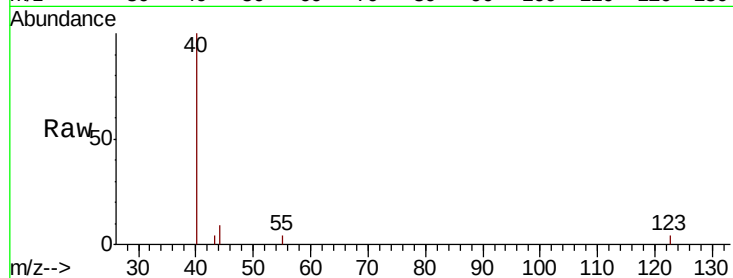
Instrument :

BNA_G

ClientSampleId :

PB117948BL

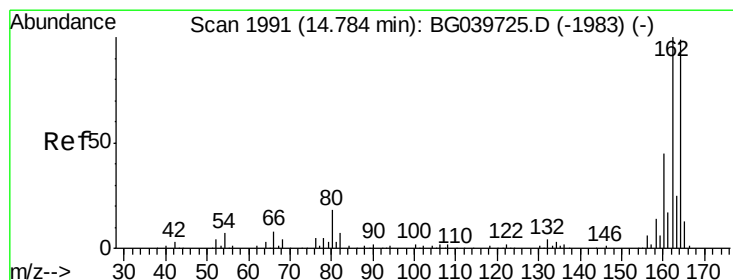
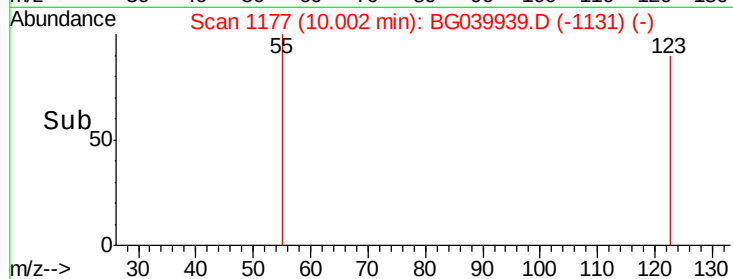
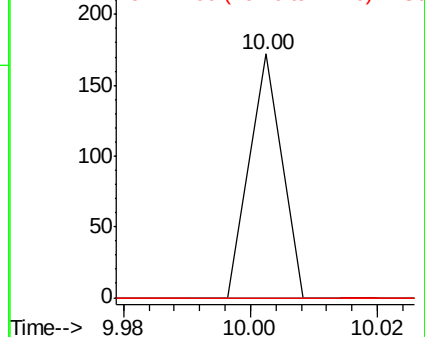
Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.8	141.8#
77	0.0	76.3	116.3#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#39

Acenaphthene-d10

Concen: 20.000 ng

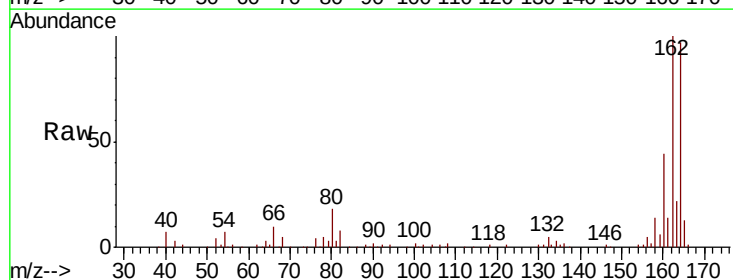
RT: 14.77 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG039939.D

Acq: 15 Mar 2019 13:33

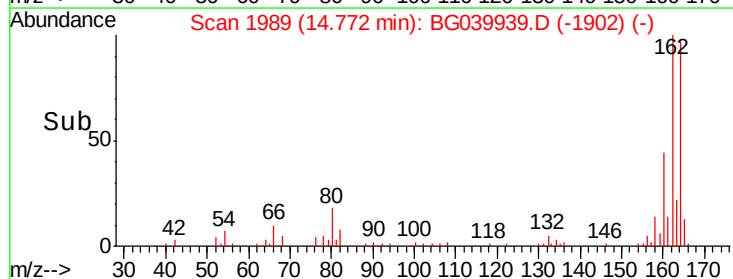
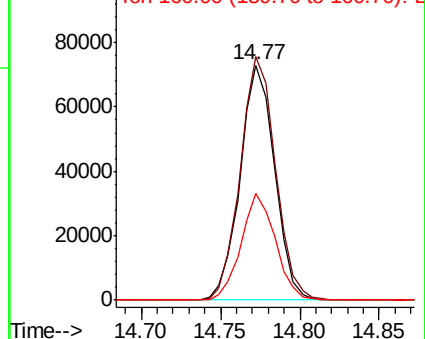
Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	81.6	122.4
160	45.3	34.2	51.2

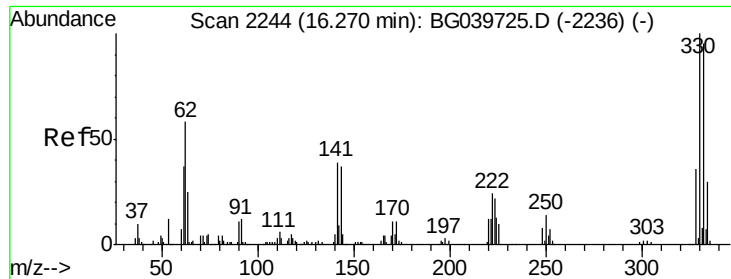


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

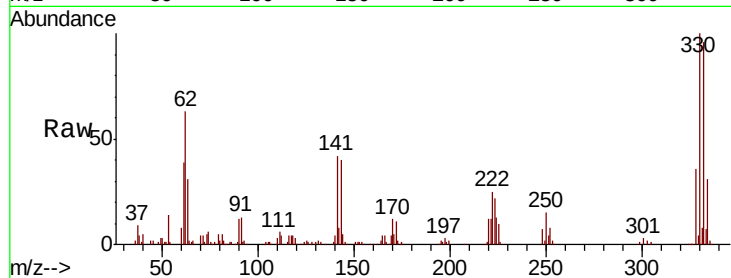




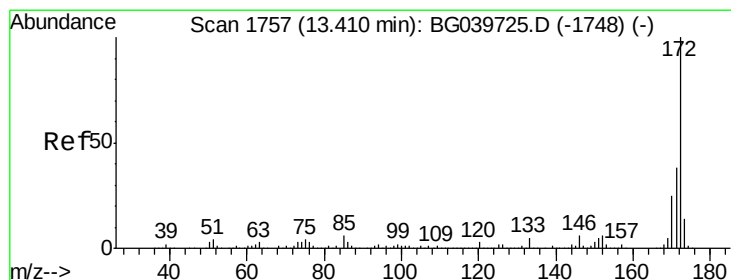
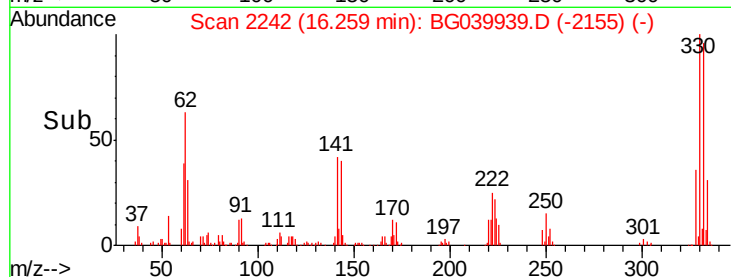
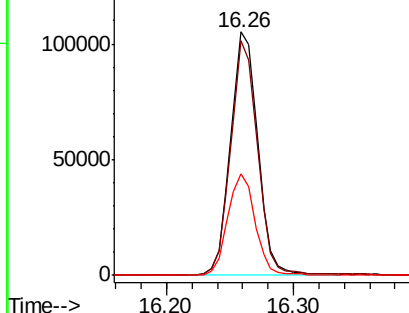
#42
 2,4,6-Tribromophenol
 Concen: 121.865 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BG039939.D
 Acq: 15 Mar 2019 13:33

Instrument :
 BNA_G
 ClientSampled :
 PB117948BL

Tgt Ion:330 Resp: 156272
 Ion Ratio Lower Upper
 330 100
 332 95.3 75.7 113.5
 141 41.8 35.6 53.4

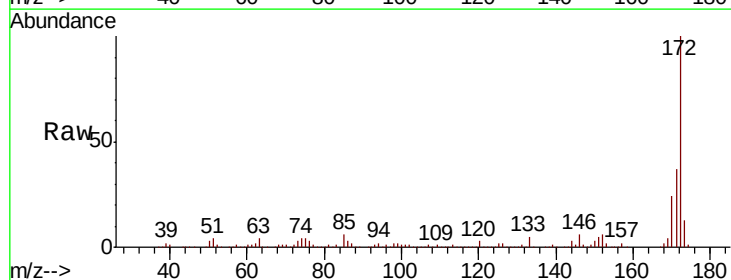


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

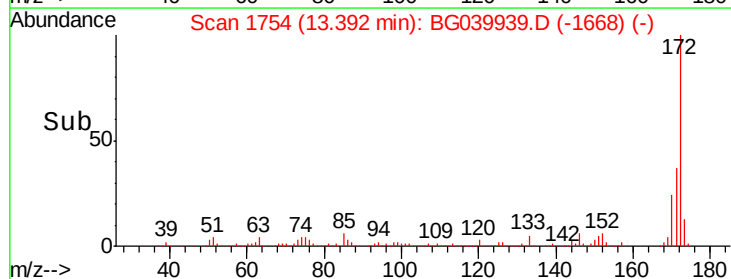
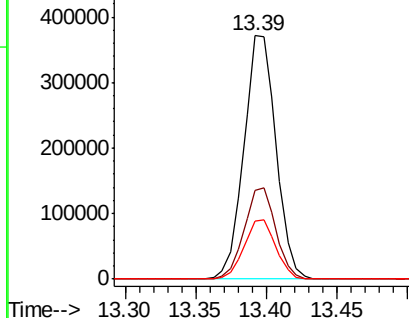


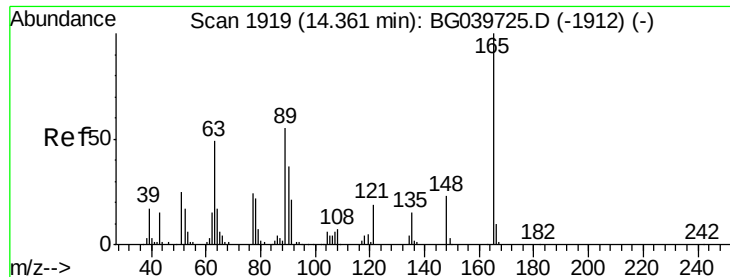
#45
 2-Fluorobiphenyl
 Concen: 76.479 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG039939.D
 Acq: 15 Mar 2019 13:33

Tgt Ion:172 Resp: 590944
 Ion Ratio Lower Upper
 172 100
 171 36.6 30.8 46.2
 170 24.0 20.2 30.4



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: 7.392 ng

RT: 14.77 min Scan# 1989

Delta R.T. 0.40 min

Lab File: BG039939.D

Acq: 15 Mar 2019 13:33

Instrument :

BNA_G

ClientSampleId :

PB117948BL

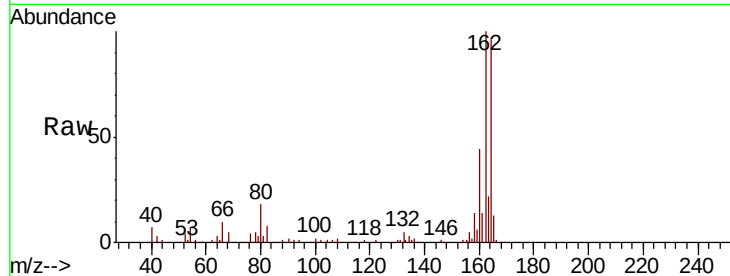
Tgt Ion:165 Resp: 14416

Ion Ratio Lower Upper

165 100

63 1.8 47.0 70.6#

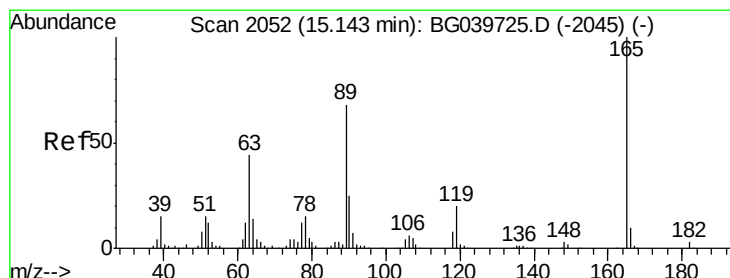
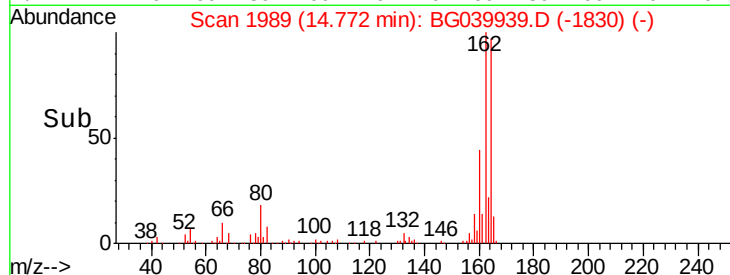
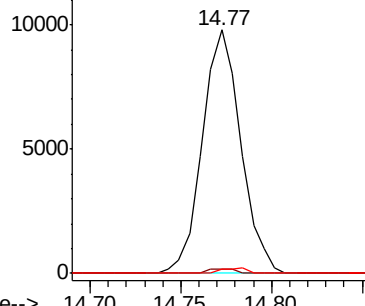
89 1.6 45.8 68.8#



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: 5.261 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.38 min

Lab File: BG039939.D

Acq: 15 Mar 2019 13:33

Tgt Ion:165 Resp: 14416

Ion Ratio Lower Upper

165 100

63 1.8 41.0 61.6#

89 1.6 64.6 96.8#

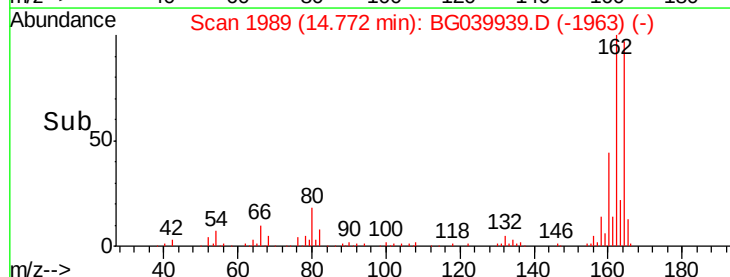
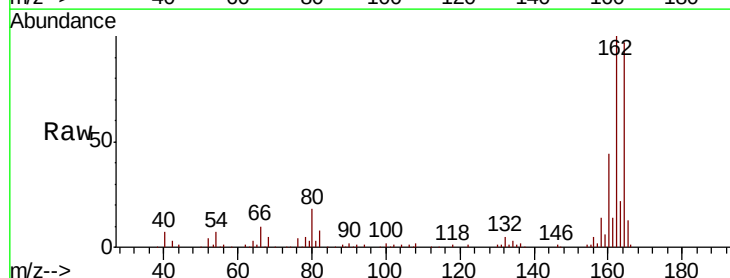
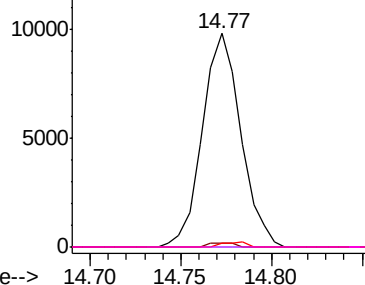
182 0.0 2.0 3.0#

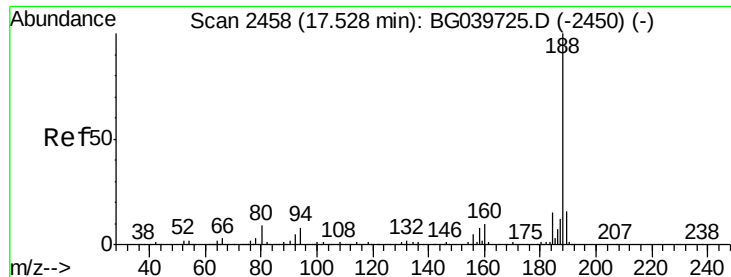
Abundance Ion 165.00 (164.70 to 165.70): E

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

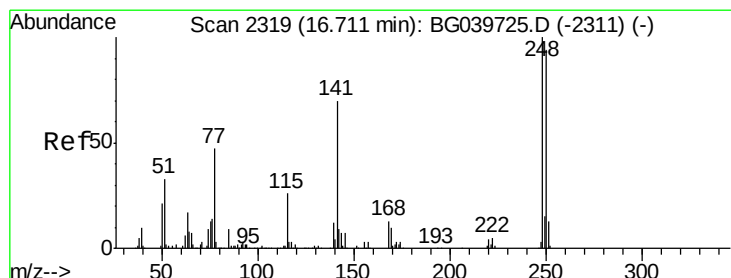
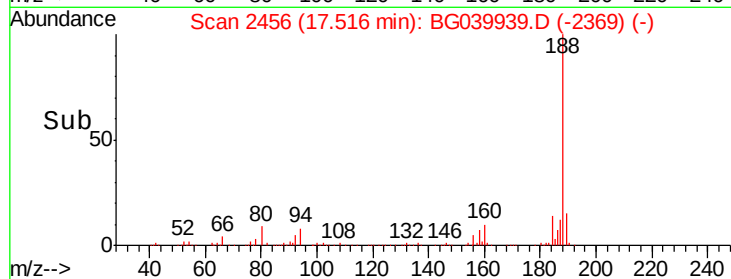
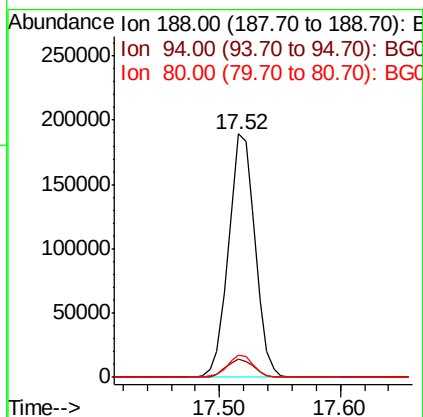
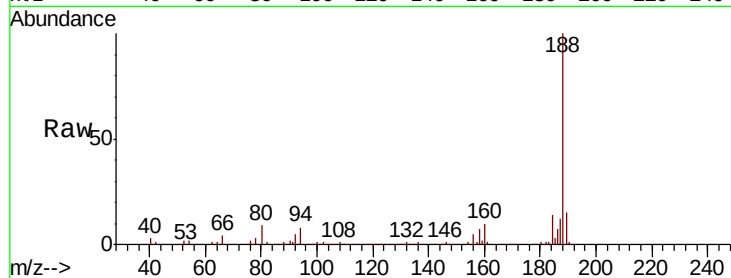




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2456
 Delta R.T. -0.02 min
 Lab File: BG039939.D
 Acq: 15 Mar 2019 13:33

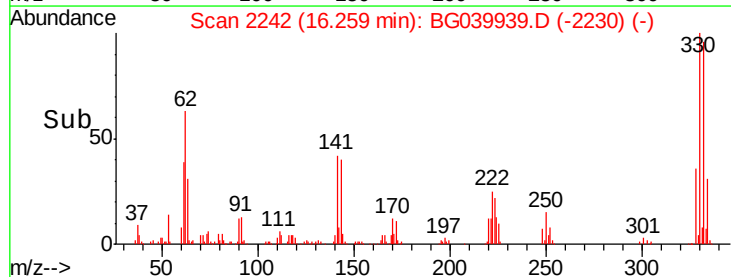
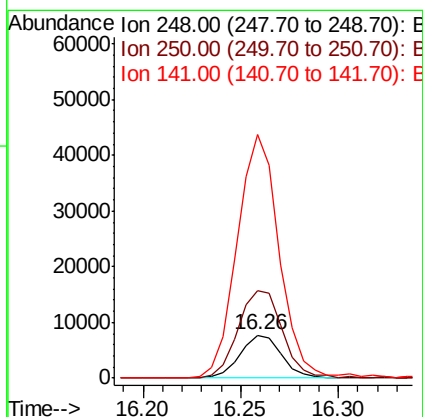
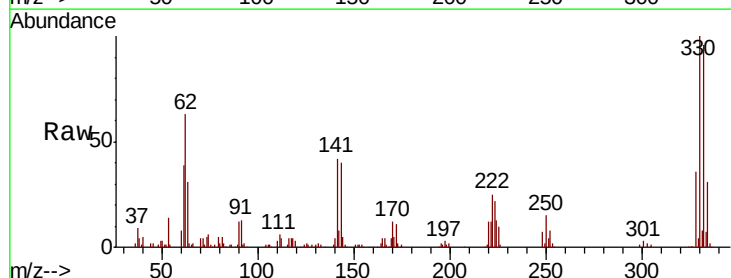
Instrument :
 BNA_G
 ClientSampleId :
 PB117948BL

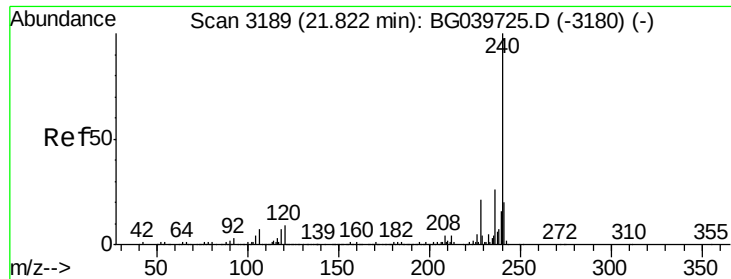
Tgt Ion:188 Resp: 288788
 Ion Ratio Lower Upper
 188 100
 94 7.7 6.9 10.3
 80 8.9 8.1 12.1



#67
 4-Bromophenyl-phenylether
 Concen: 3.500 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.46 min
 Lab File: BG039939.D
 Acq: 15 Mar 2019 13:33

Tgt Ion:248 Resp: 11313
 Ion Ratio Lower Upper
 248 100
 250 202.3 77.6 116.4#
 141 564.0 63.9 95.9#

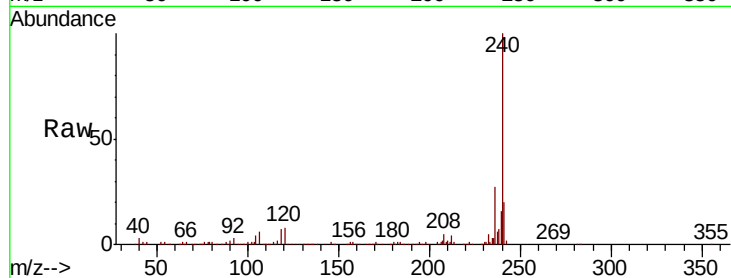




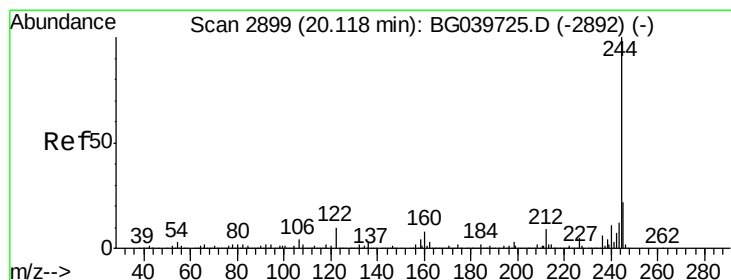
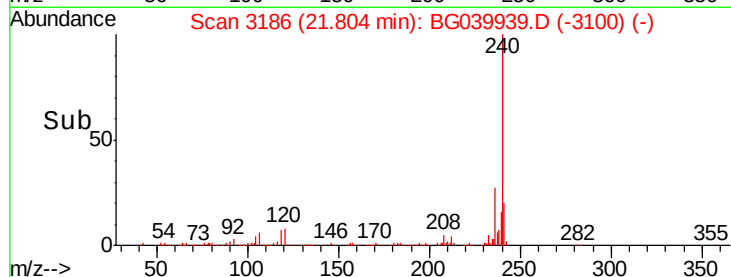
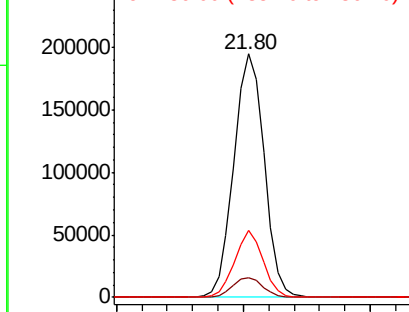
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3186
Delta R.T. -0.02 min
Lab File: BG039939.D
Acq: 15 Mar 2019 13:33

Instrument :
BNA_G
ClientSampleId :
PB117948BL

Tgt Ion:240 Resp: 322636
Ion Ratio Lower Upper
240 100
120 7.9 7.0 10.6
236 27.4 21.0 31.4

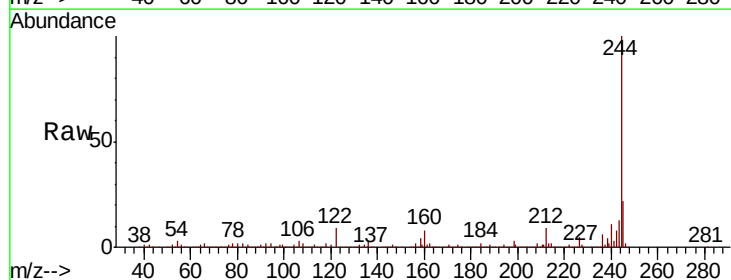


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

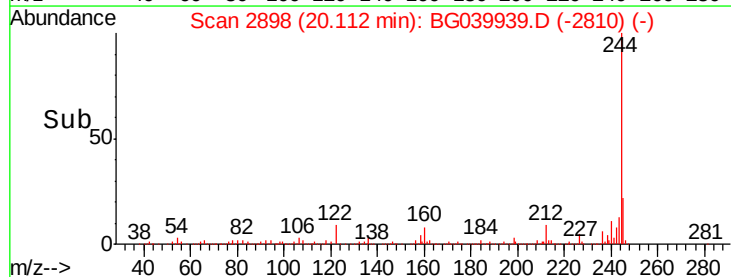
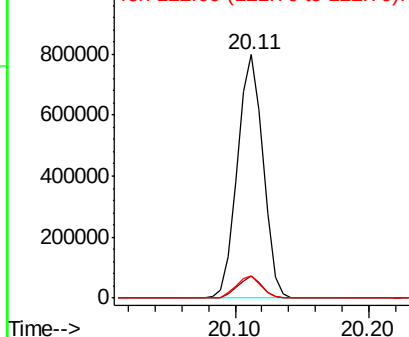


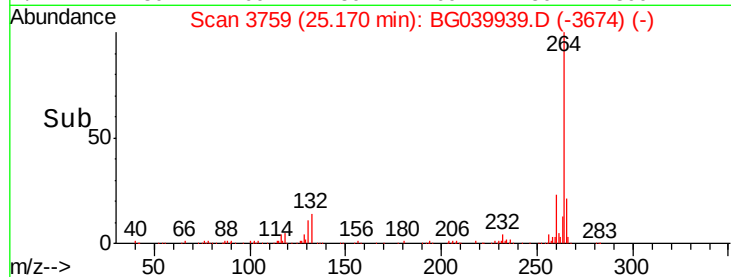
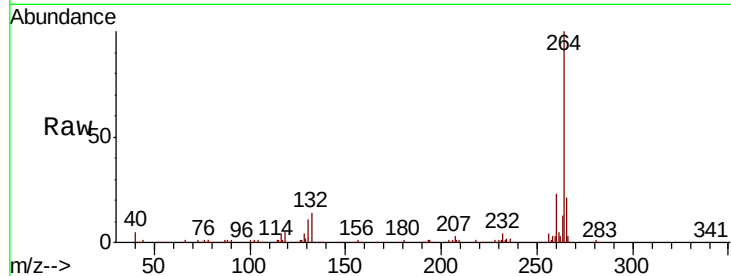
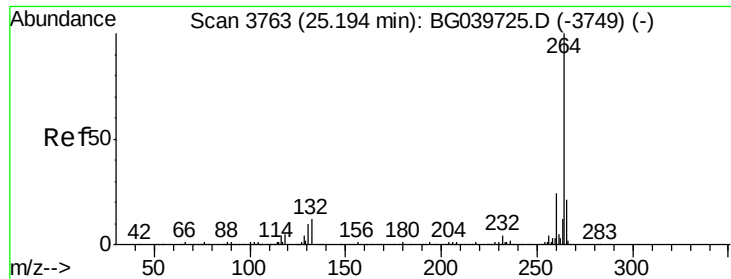
#79
Terphenyl-d14
Concen: 72.414 ng
RT: 20.11 min Scan# 2898
Delta R.T. -0.01 min
Lab File: BG039939.D
Acq: 15 Mar 2019 13:33

Tgt Ion:244 Resp: 1061102
Ion Ratio Lower Upper
244 100
212 9.0 7.3 10.9
122 9.1 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: 25.17 min Scan# 3759

Delta R.T. -0.03 min

Lab File: BG039939.D

Acq: 15 Mar 2019 13:33

Instrument :

BNA_G

ClientSampleId :

PB117948BL

Tgt Ion: 264 Resp: 320824

Ion Ratio Lower Upper

264 100

260 23.1 18.2 27.4

265 21.3 18.5 27.7

