

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031519\
 Data File : BG039959.D
 Acq On : 16 Mar 2019 3:13
 Operator : JU/SJ
 Sample : PB117975TB
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117975TB

Quant Time: Mar 16 04:13:20 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

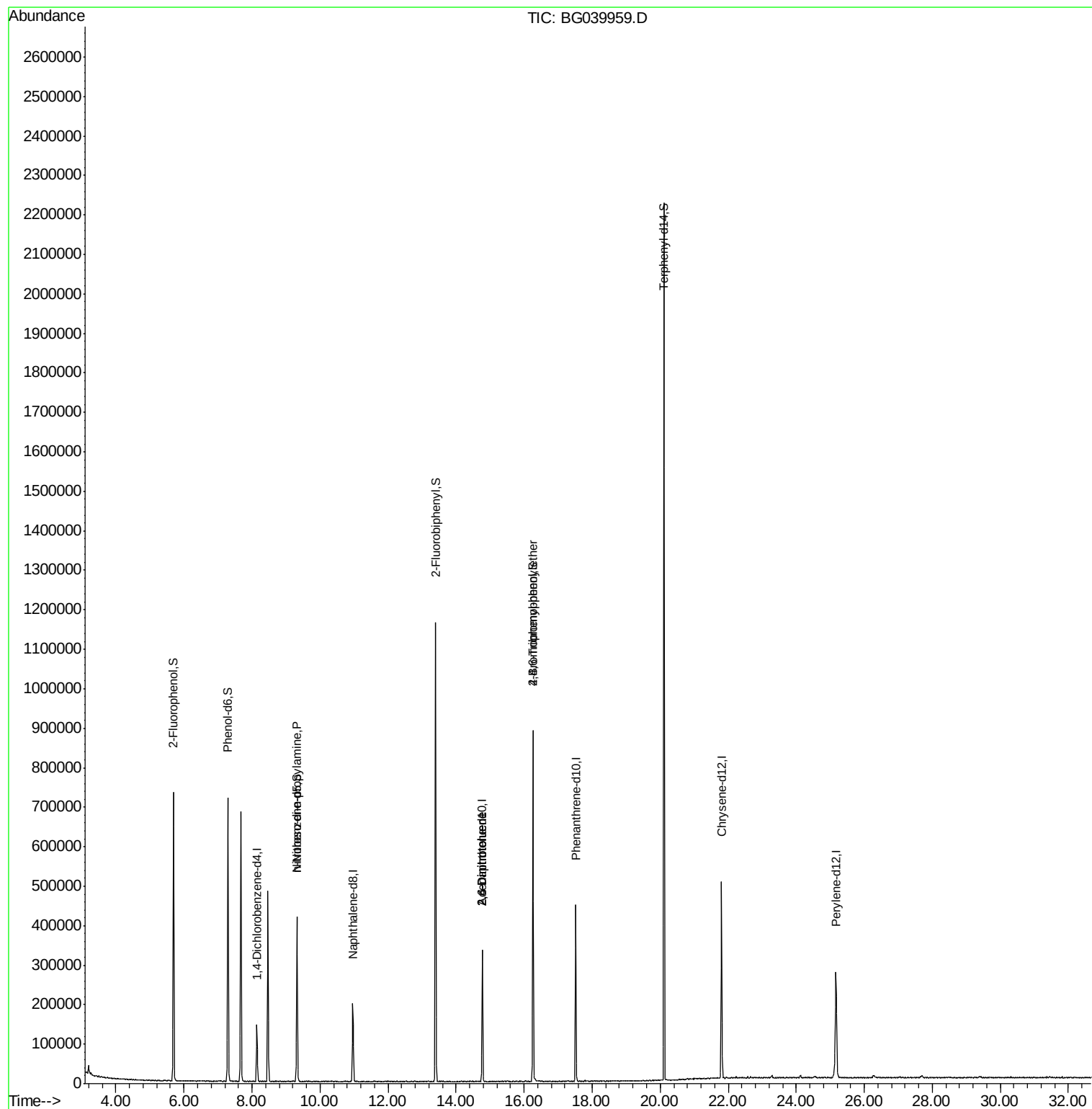
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	38273	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	169452	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	115447	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	282268	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	302939	20.00	ng	-0.02
87) Perylene-d12	25.17	264	298764	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	290254	129.38	ng	-0.02
7) Phenol-d6	7.29	99	410538	122.73	ng	-0.02
23) Nitrobenzene-d5	9.33	82	246099	78.55	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	156254	116.12	ng	-0.02
45) 2-Fluorobiphenyl	13.40	172	618265	76.25	ng	-0.02
79) Terphenyl-d14	20.11	244	1019794	74.12	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.32	70	32089	13.328	ng	# 70
51) 2,6-Dinitrotoluene	14.77	165	15304	7.478	ng	# 22
57) 2,4-Dinitrotoluene	14.77	165	15304	5.322	ng	# 17
67) 4-Bromophenyl-phenylether	16.26	248	11843	3.748	ng	# 1

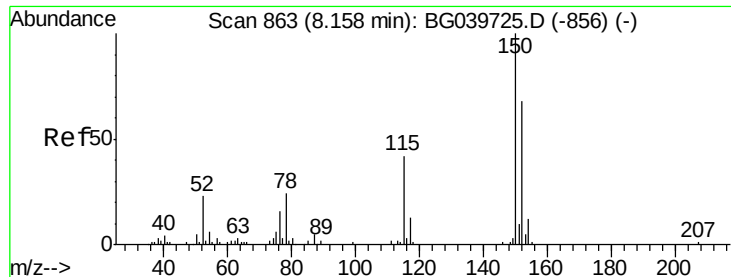
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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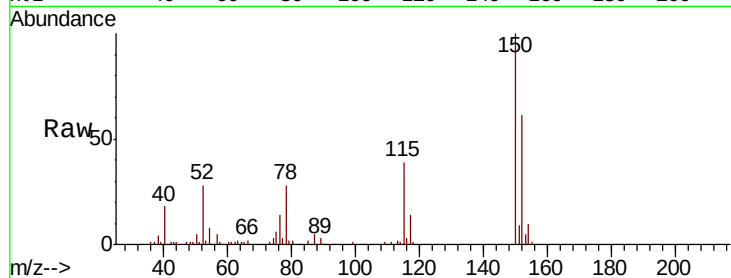


#1

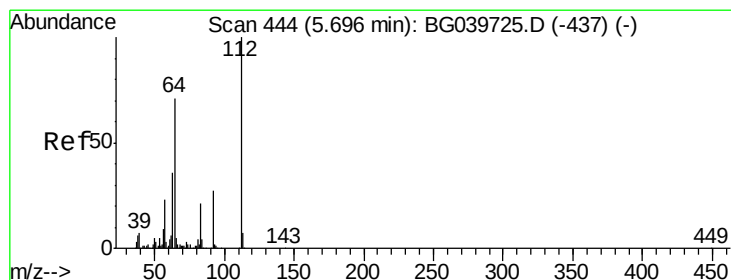
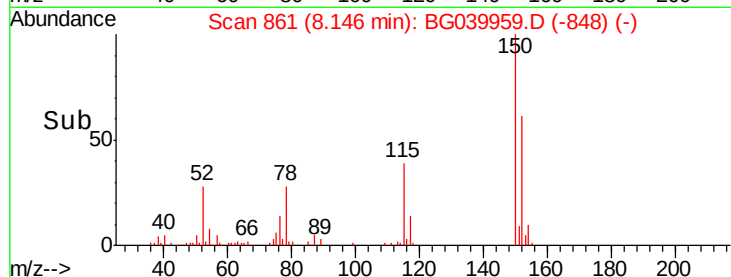
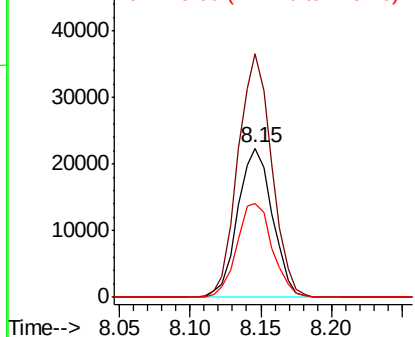
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.15 min Scan# 861
 Delta R.T. -0.02 min
 Lab File: BG039959.D
 Acq: 16 Mar 2019 3:13

Instrument :
 BNA_G
 ClientSampleId :
 PB117975TB

Tgt Ion:152 Resp: 38273
 Ion Ratio Lower Upper
 152 100
 150 163.0 123.7 185.5
 115 62.8 45.9 68.9



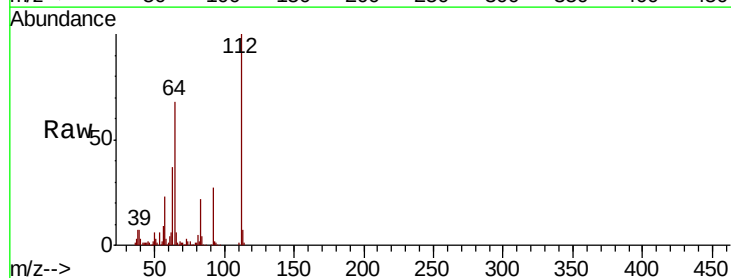
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



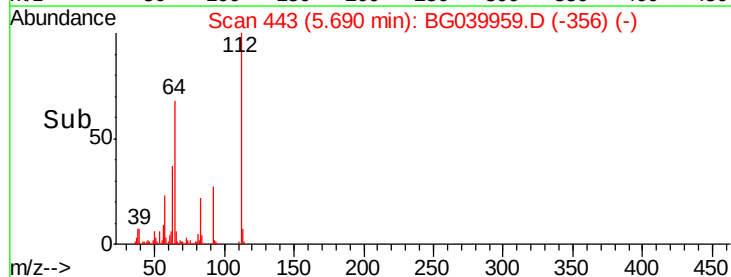
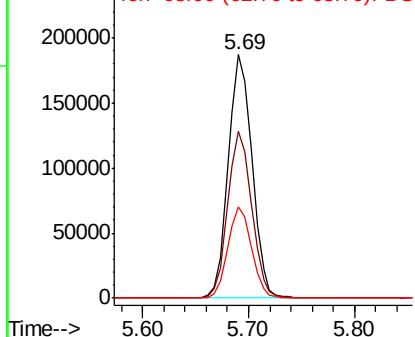
#5

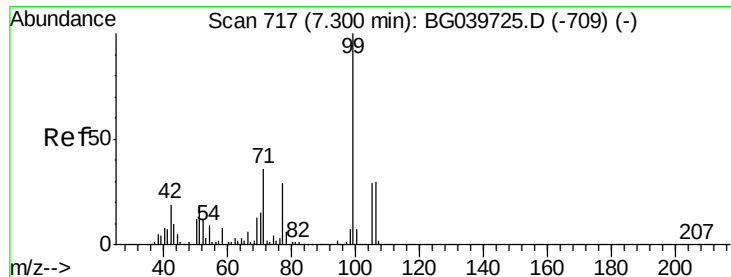
2-Fluorophenol
 Concen: 129.380 ng
 RT: 5.69 min Scan# 443
 Delta R.T. -0.02 min
 Lab File: BG039959.D
 Acq: 16 Mar 2019 3:13

Tgt Ion:112 Resp: 290254
 Ion Ratio Lower Upper
 112 100
 64 68.4 57.8 86.8
 63 37.5 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: 122.729 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039959.D

Acq: 16 Mar 2019 3:13

Instrument :

BNA_G

ClientSampleId :

PB117975TB

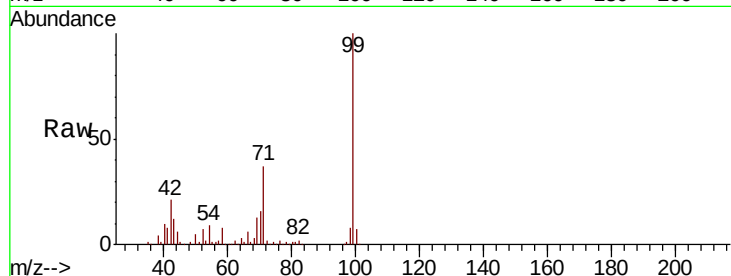
Tgt Ion: 99 Resp: 410538

Ion Ratio Lower Upper

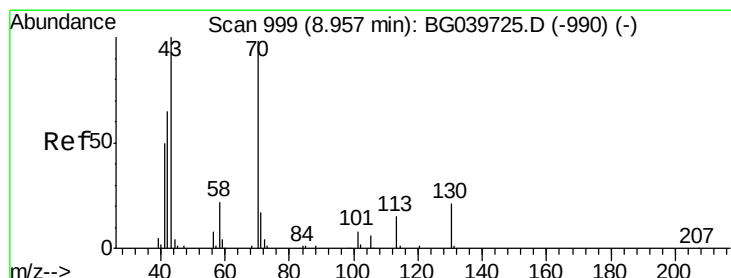
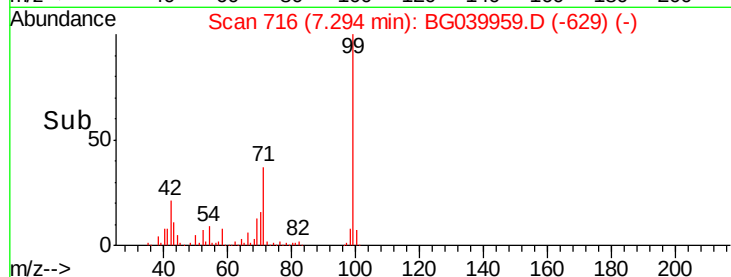
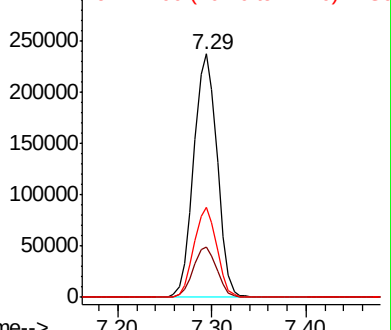
99 100

42 20.9 18.2 27.2

71 36.8 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: 13.328 ng

RT: 9.32 min Scan# 1061

Delta R.T. 0.35 min

Lab File: BG039959.D

Acq: 16 Mar 2019 3:13

Tgt Ion: 70 Resp: 32089

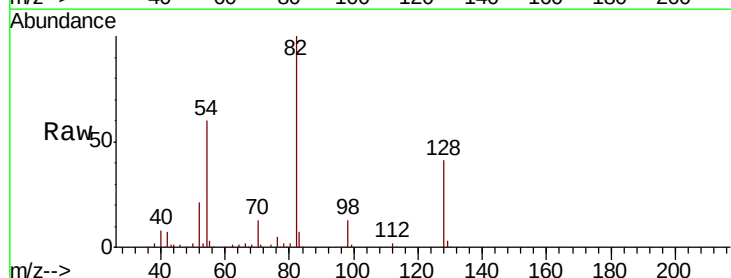
Ion Ratio Lower Upper

70 100

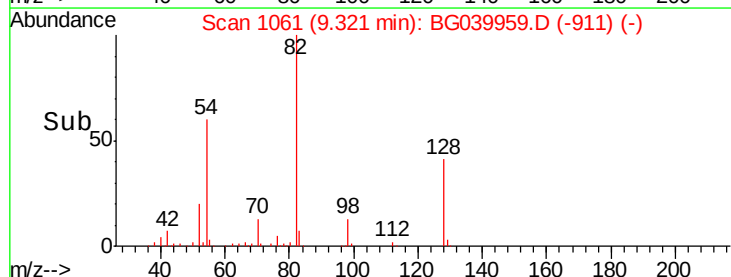
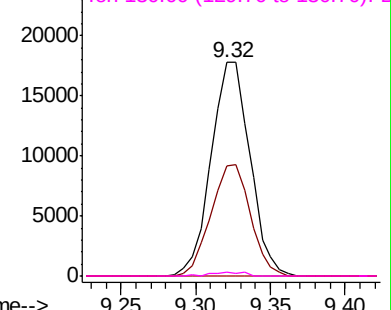
42 51.6 60.4 90.6#

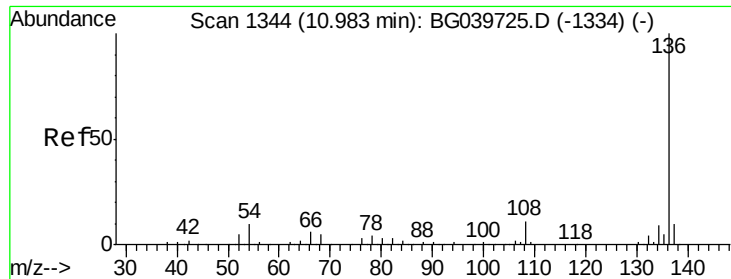
101 0.0 7.5 11.3#

130 1.6 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

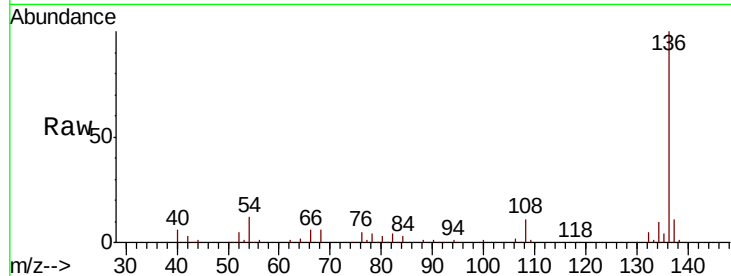




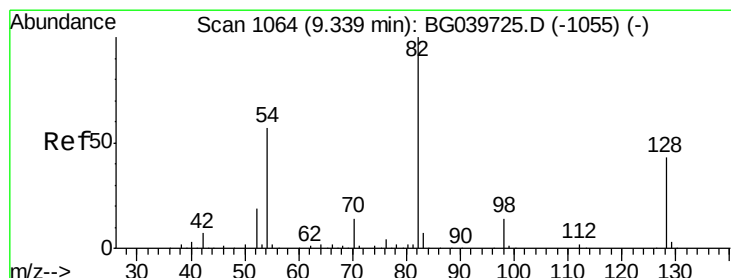
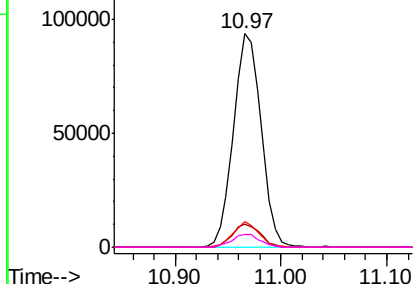
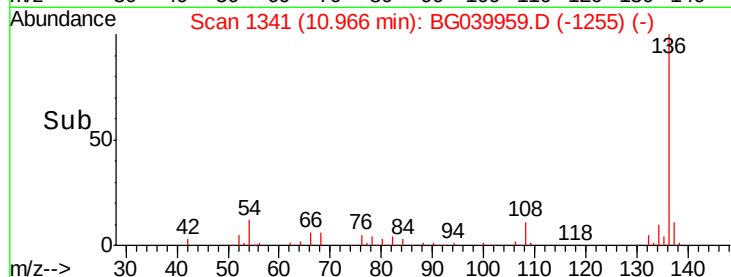
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG039959.D
Acq: 16 Mar 2019 3:13

Instrument :
BNA_G
ClientSampleId :
PB117975TB

Tgt Ion:	136	Resp:	169452
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	11.8	9.4	14.2
68	6.2	4.2	6.4

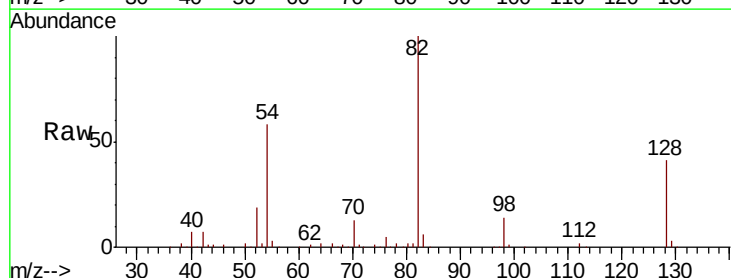


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

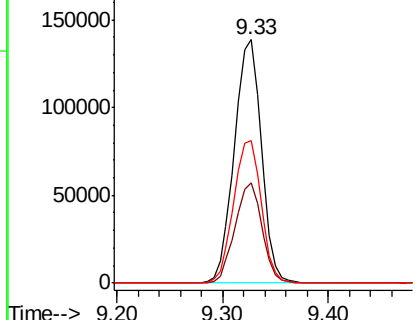
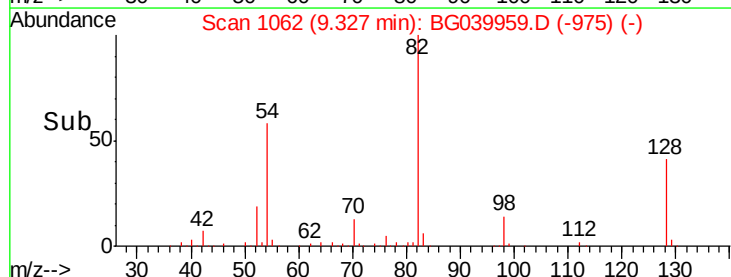


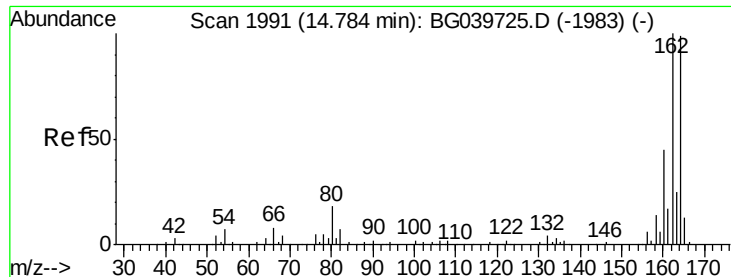
#23
Nitrobenzene-d5
Concen: 78.547 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG039959.D
Acq: 16 Mar 2019 3:13

Tgt Ion:	82	Resp:	246099
Ion	Ratio	Lower	Upper
82	100		
128	41.1	31.3	46.9
54	58.5	50.9	76.3



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: 14.77 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG039959.D

Acq: 16 Mar 2019 3:13

Instrument :

BNA_G

ClientSampleId :

PB117975TB

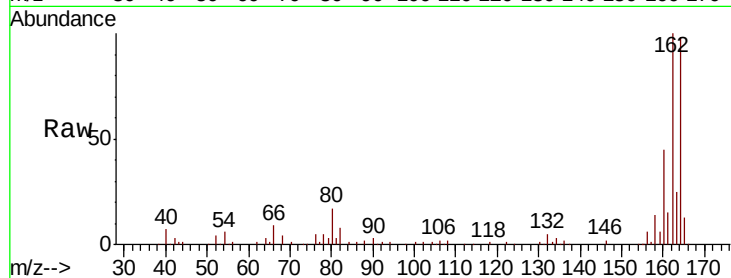
Tgt Ion:164 Resp: 115447

Ion Ratio Lower Upper

164 100

162 101.9 81.6 122.4

160 46.3 34.2 51.2

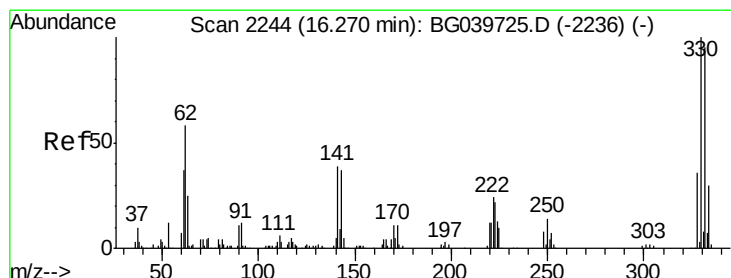
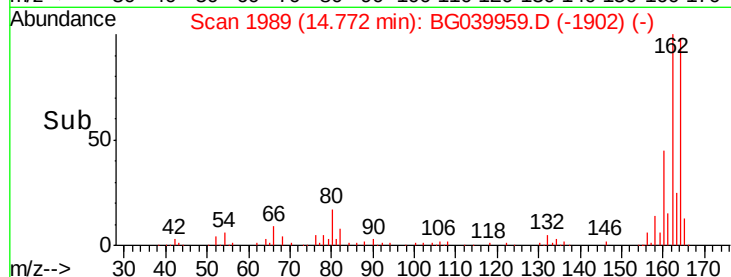
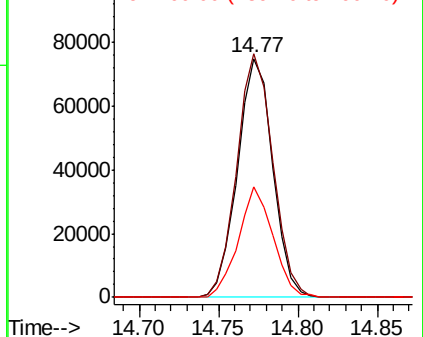


Abundance

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: 116.120 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG039959.D

Acq: 16 Mar 2019 3:13

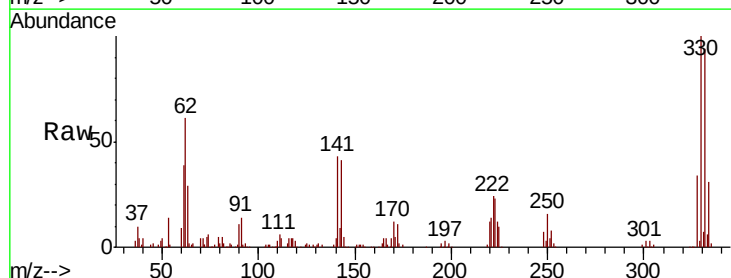
Tgt Ion:330 Resp: 156254

Ion Ratio Lower Upper

330 100

332 93.9 75.7 113.5

141 41.1 35.6 53.4

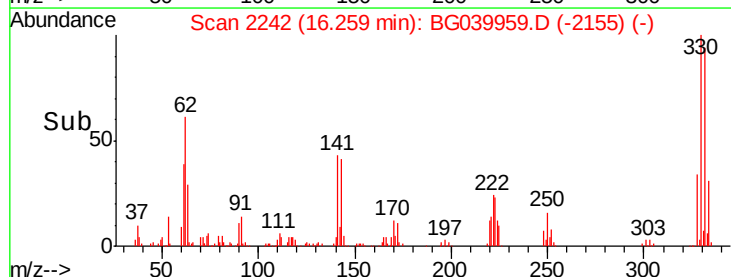
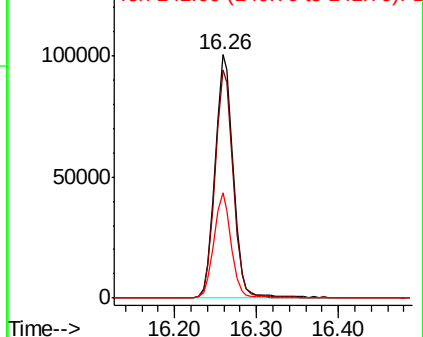


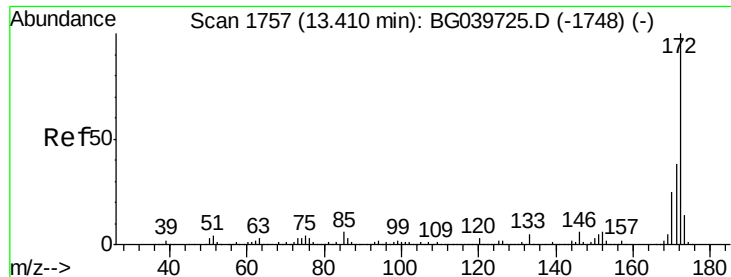
Abundance

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

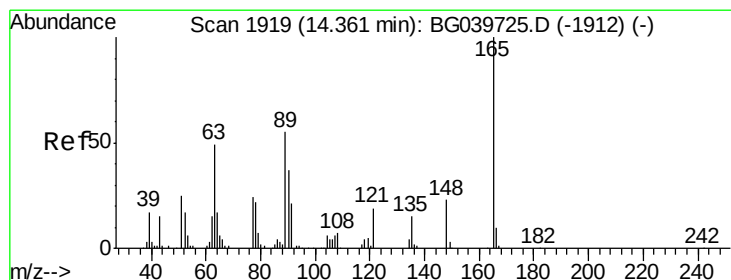
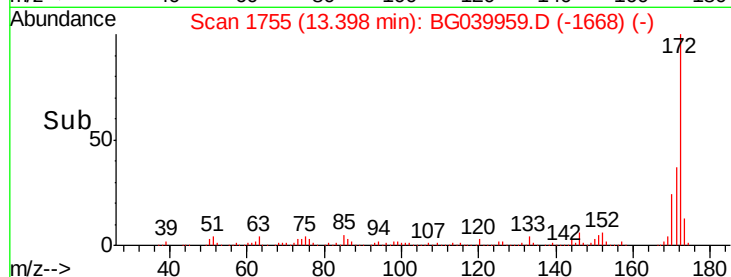
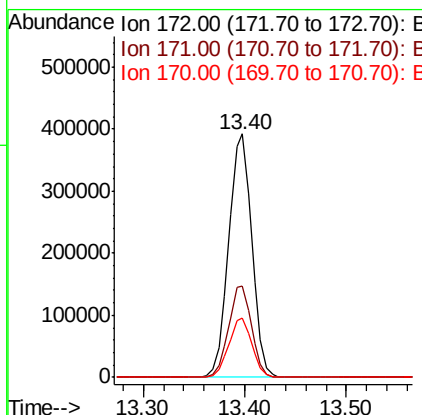
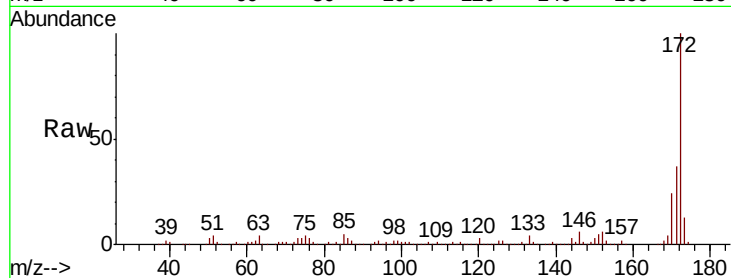




#45
2-Fluorobiphenyl
Concen: 76.252 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG039959.D
Acq: 16 Mar 2019 3:13

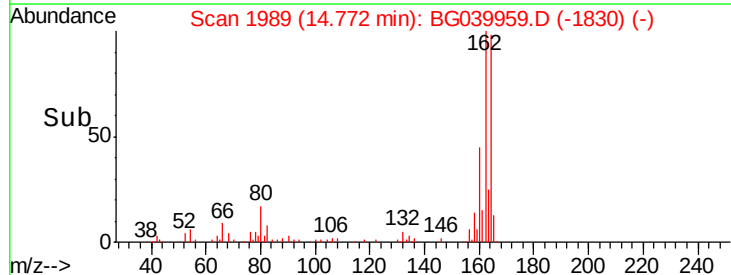
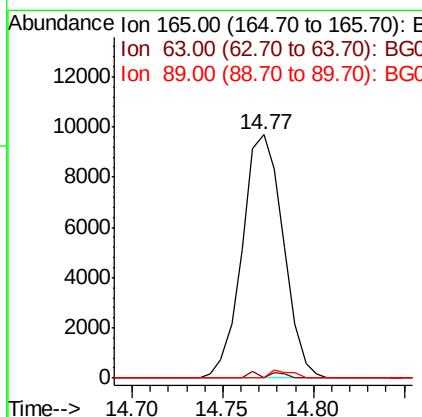
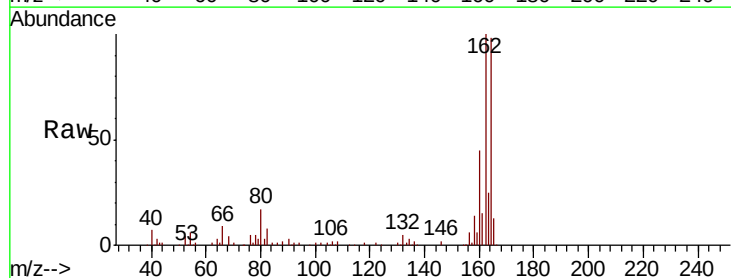
Instrument :
BNA_G
ClientSampleId :
PB117975TB

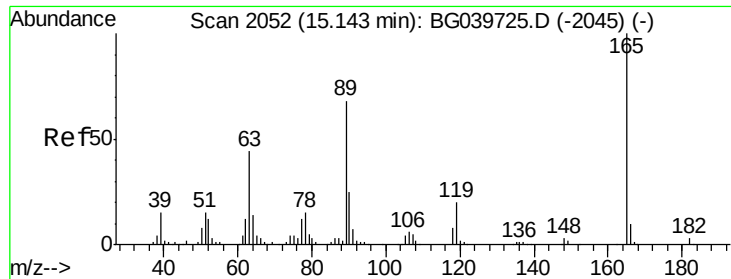
Tgt Ion:172 Resp: 618265
Ion Ratio Lower Upper
172 100
171 37.3 30.8 46.2
170 24.2 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 7.478 ng
RT: 14.77 min Scan# 1989
Delta R.T. 0.40 min
Lab File: BG039959.D
Acq: 16 Mar 2019 3:13

Tgt Ion:165 Resp: 15304
Ion Ratio Lower Upper
165 100
63 0.0 47.0 70.6#
89 0.0 45.8 68.8#

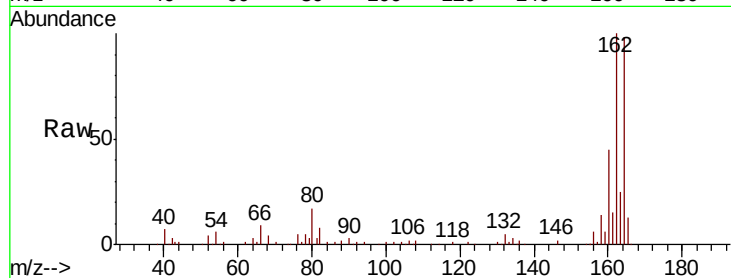




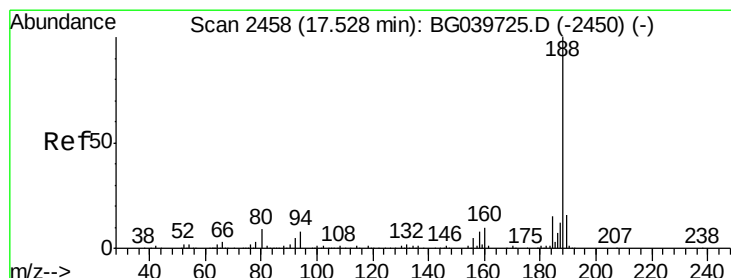
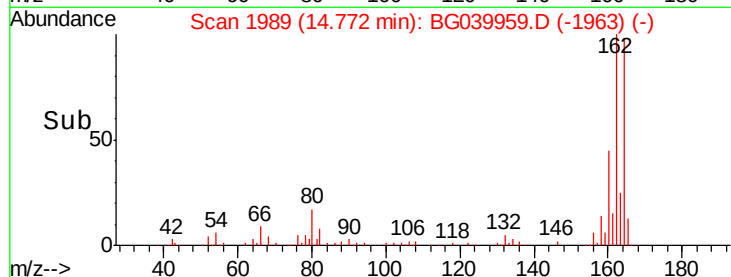
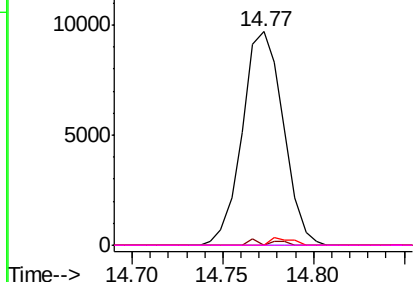
#57
 2,4-Dinitrotoluene
 Concen: 5.322 ng
 RT: 14.77 min Scan# 1989
 Delta R.T. -0.38 min
 Lab File: BG039959.D
 Acq: 16 Mar 2019 3:13

Instrument :
 BNA_G
 ClientSampleId :
 PB117975TB

Tgt Ion:	165	Resp:	15304
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#

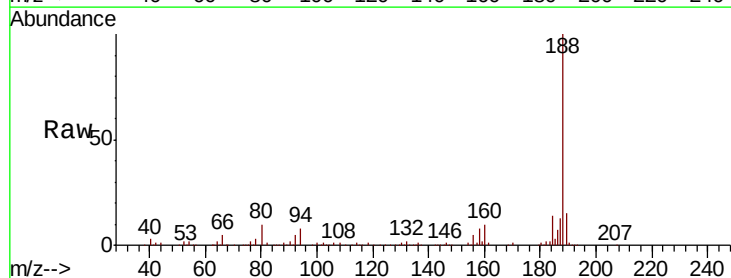


Abundance Ion 165.00 (164.70 to 165.70): E
 15000 Ion 63.00 (62.70 to 63.70): BGC
 10000 Ion 89.00 (88.70 to 89.70): BGC
 5000 Ion 182.00 (181.70 to 182.70): E

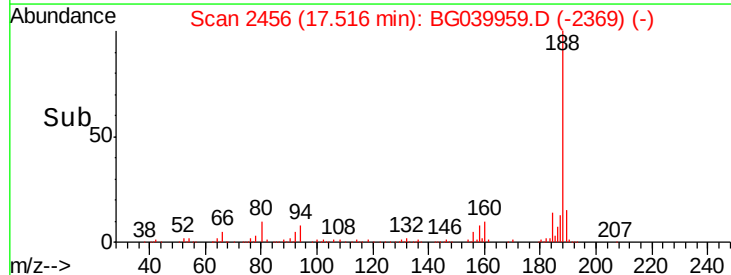
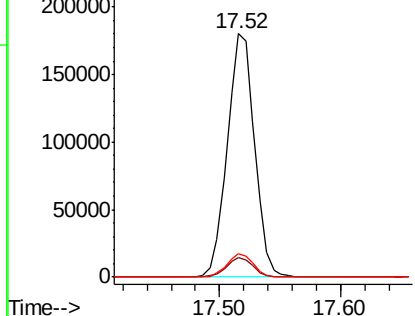


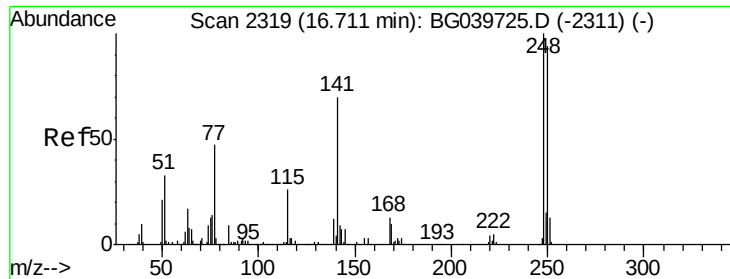
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2456
 Delta R.T. -0.02 min
 Lab File: BG039959.D
 Acq: 16 Mar 2019 3:13

Tgt Ion:	188	Resp:	282268
Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.9	10.3
80	9.7	8.1	12.1



Abundance Ion 188.00 (187.70 to 188.70): E
 250000 Ion 94.00 (93.70 to 94.70): BGC
 200000 Ion 80.00 (79.70 to 80.70): BGC

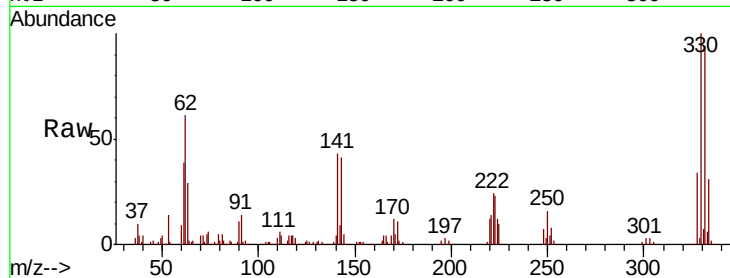




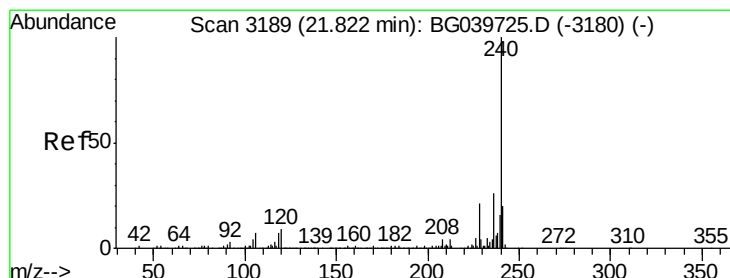
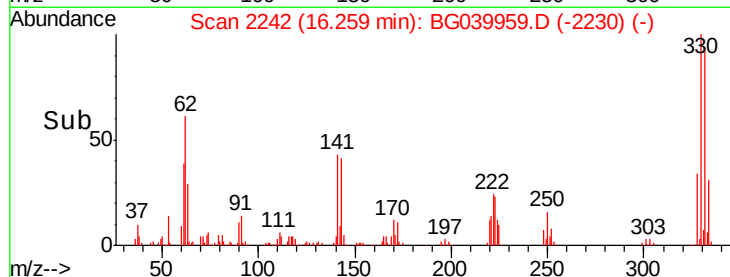
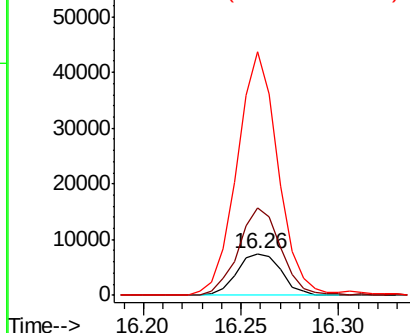
#67
 4-Bromophenyl-phenylether
 Concen: 3.748 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.46 min
 Lab File: BG039959.D
 Acq: 16 Mar 2019 3:13

Instrument :
 BNA_G
 ClientSampleId :
 PB117975TB

Tgt Ion:248 Resp: 11843
 Ion Ratio Lower Upper
 248 100
 250 210.8 77.6 116.4#
 141 587.7 63.9 95.9#

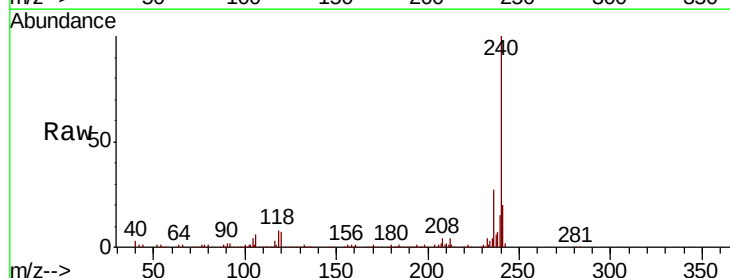


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

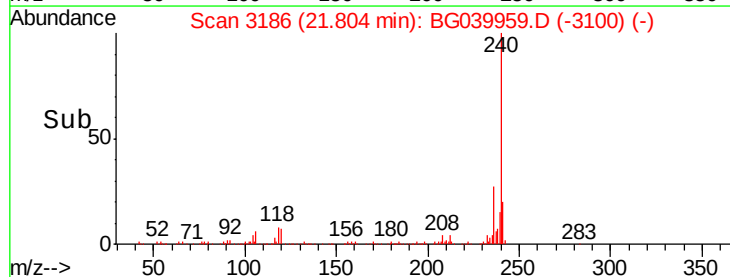
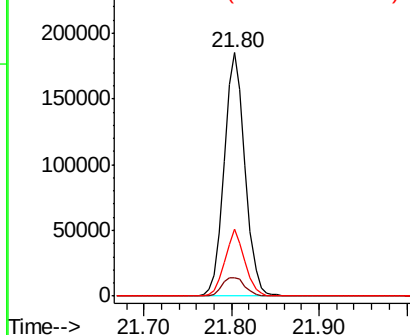


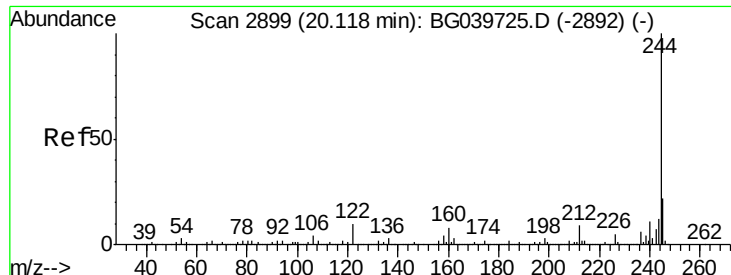
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.80 min Scan# 3186
 Delta R.T. -0.02 min
 Lab File: BG039959.D
 Acq: 16 Mar 2019 3:13

Tgt Ion:240 Resp: 302939
 Ion Ratio Lower Upper
 240 100
 120 7.4 7.0 10.6
 236 27.3 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: 74.120 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG039959.D

Acq: 16 Mar 2019 3:13

Instrument :

BNA_G

ClientSampleId :

PB117975TB

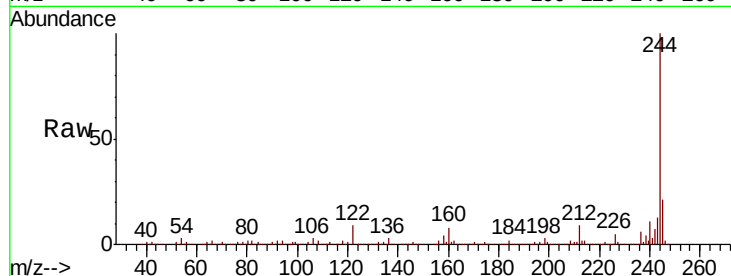
Tgt Ion:244 Resp: 1019794

Ion Ratio Lower Upper

244 100

212 8.9 7.3 10.9

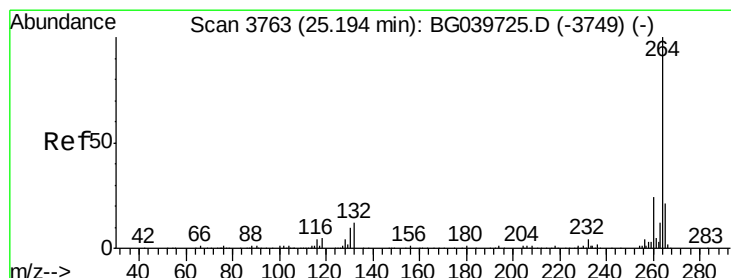
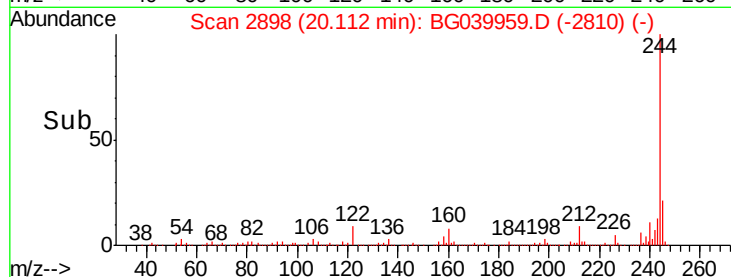
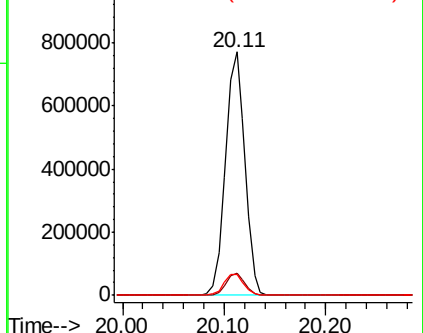
122 8.5 8.4 12.6



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: 25.17 min Scan# 3759

Delta R.T. -0.03 min

Lab File: BG039959.D

Acq: 16 Mar 2019 3:13

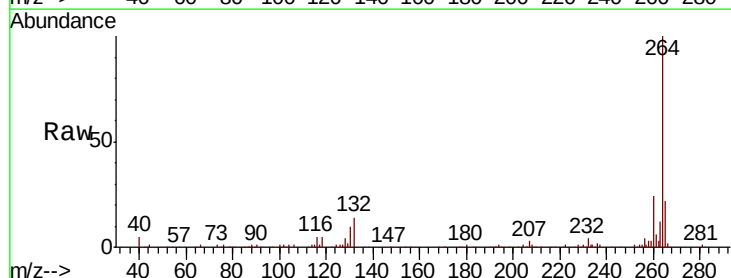
Tgt Ion:264 Resp: 298764

Ion Ratio Lower Upper

264 100

260 23.8 18.2 27.4

265 21.7 18.5 27.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

