

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030619\
 Data File : BG039784.D
 Acq On : 6 Mar 2019 12:50
 Operator : JU/SJ
 Sample : PB117613BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117613BL

Quant Time: Mar 07 00:08:20 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

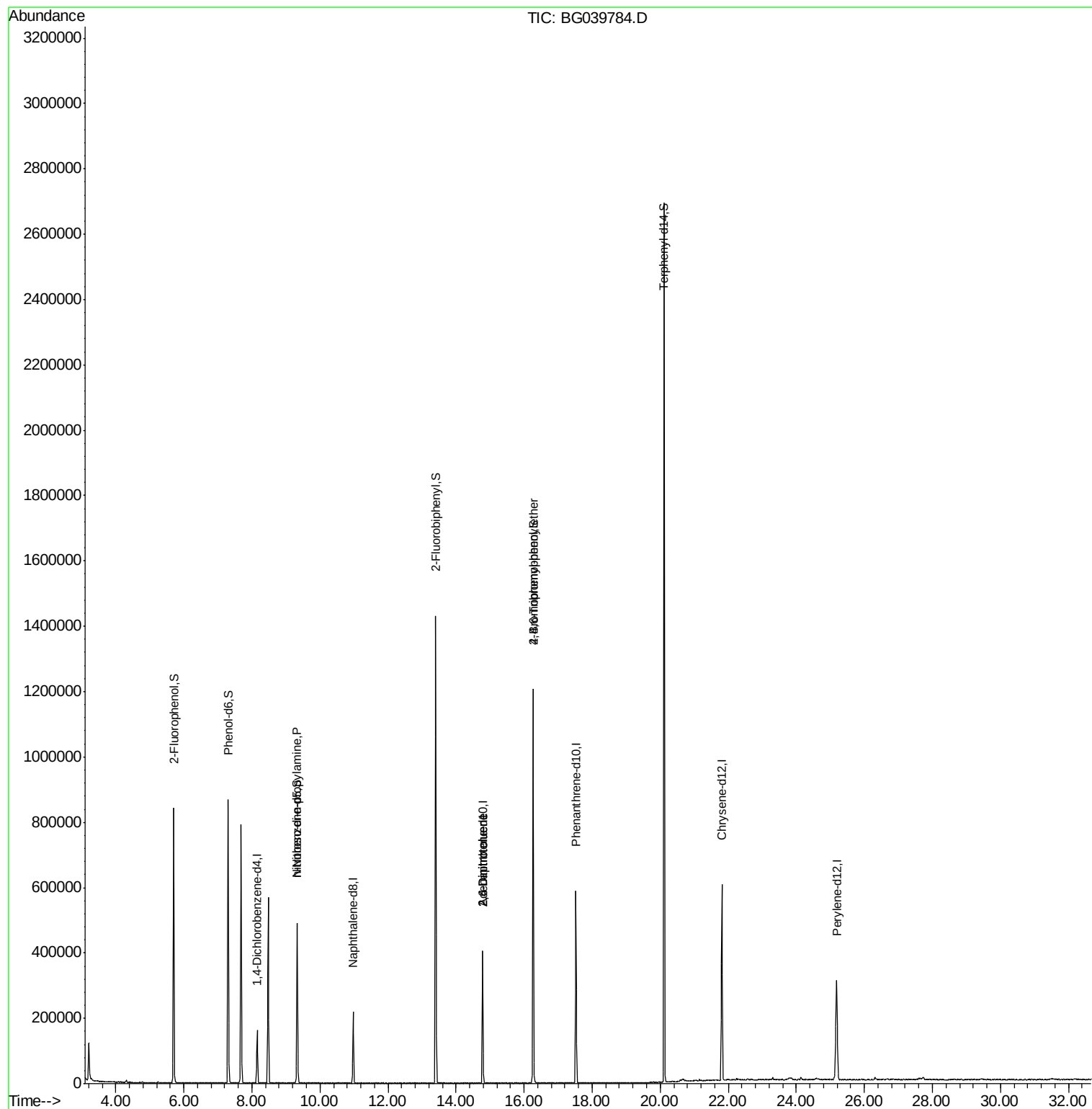
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	43074	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	189857	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	134518	20.00	ng	0.00
64) Phenanthrene-d10	17.52	188	351487	20.00	ng	0.00
76) Chrysene-d12	21.81	240	368248	20.00	ng	-0.02
87) Perylene-d12	25.19	264	367055	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	343309	135.97	ng	0.00
7) Phenol-d6	7.30	99	498098	132.31	ng	0.00
23) Nitrobenzene-d5	9.33	82	290364	82.72	ng	-0.02
42) 2,4,6-Tribromophenol	16.27	330	210349	134.16	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	762187	80.68	ng	0.00
79) Terphenyl-d14	20.12	244	1302377	77.87	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.33	70	37950	14.005	ng	# 68
51) 2,6-Dinitrotoluene	14.78	165	17376	7.287	ng	# 23
57) 2,4-Dinitrotoluene	14.78	165	17376	5.186	ng	# 18
67) 4-Bromophenyl-phenylether	16.27	248	17316	4.401	ng	# 1

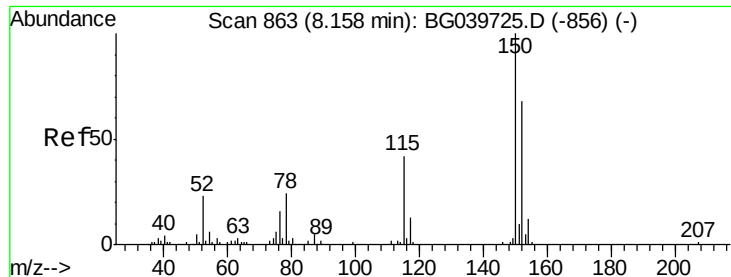
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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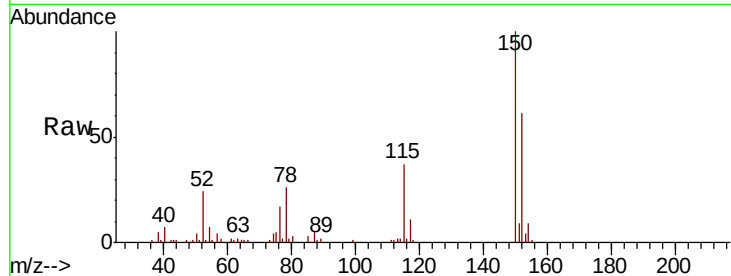


#1

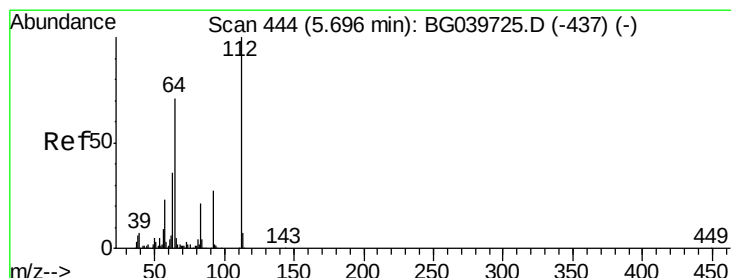
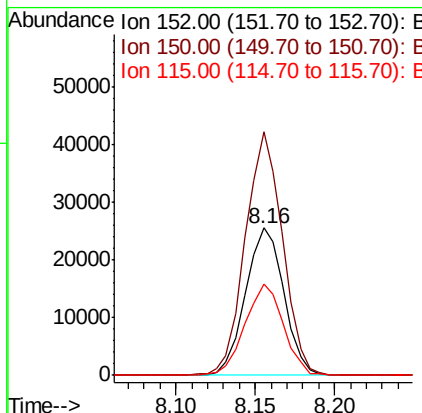
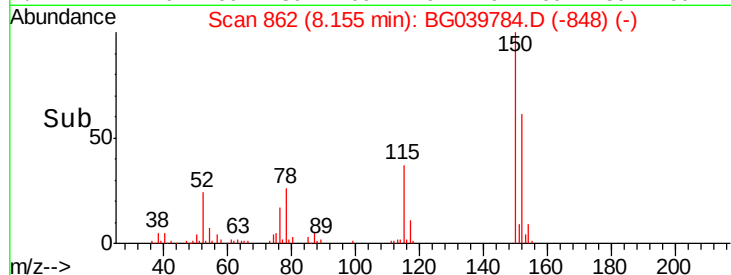
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039784.D
Acq: 6 Mar 2019 12:50

Instrument :
BNA_G
ClientSampleId :
PB117613BL

Tgt Ion:152 Resp: 43074
Ion Ratio Lower Upper
152 100
150 165.3 123.7 185.5
115 61.8 45.9 68.9



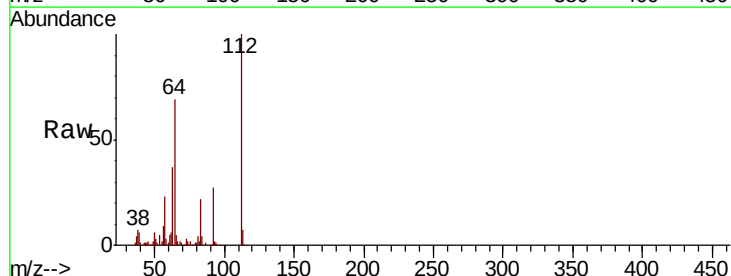
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



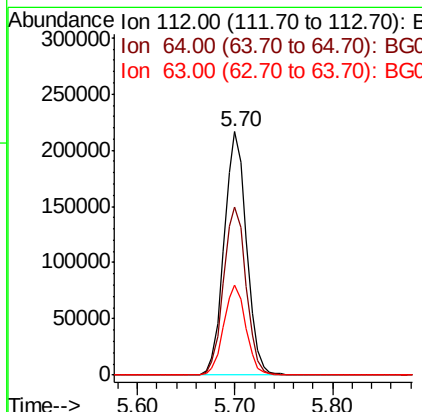
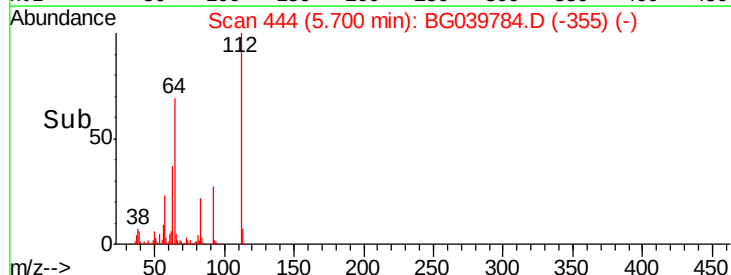
#5

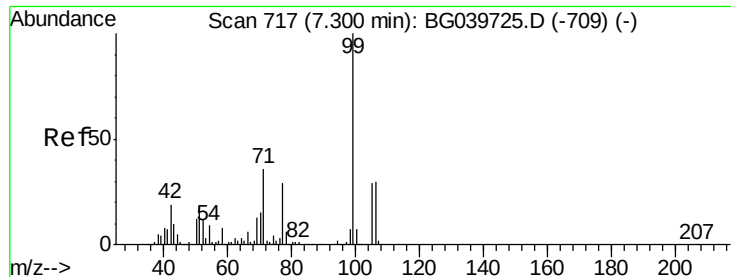
2-Fluorophenol
Concen: 135.973 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG039784.D
Acq: 6 Mar 2019 12:50

Tgt Ion:112 Resp: 343309
Ion Ratio Lower Upper
112 100
64 68.8 57.8 86.8
63 37.0 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: 132.308 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039784.D

Acq: 6 Mar 2019 12:50

Instrument :

BNA_G

ClientSampleId :

PB117613BL

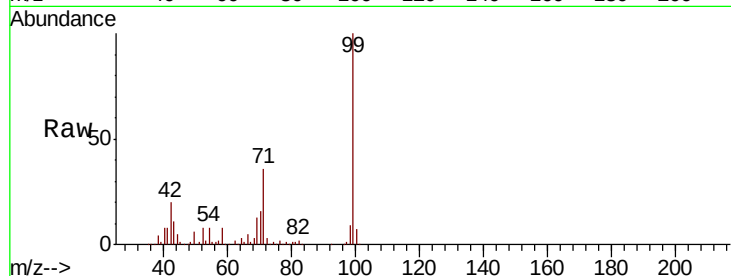
Tgt Ion: 99 Resp: 498098

Ion Ratio Lower Upper

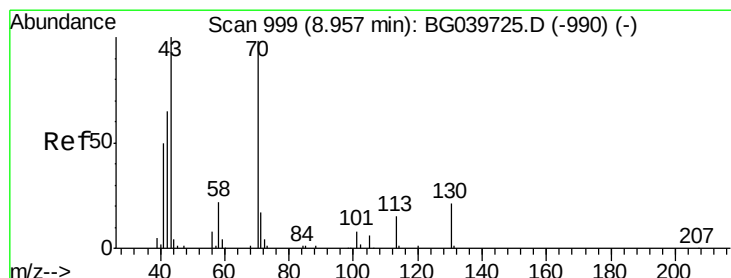
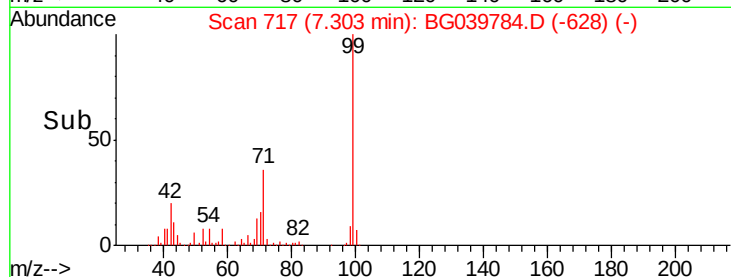
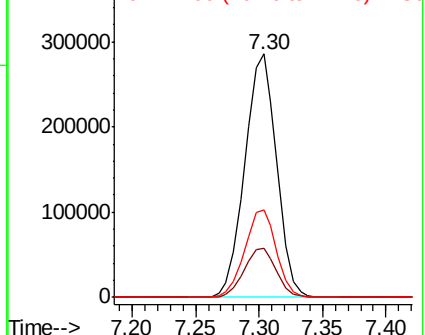
99 100

42 20.2 18.2 27.2

71 36.0 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: 14.005 ng

RT: 9.33 min Scan# 1062

Delta R.T. 0.36 min

Lab File: BG039784.D

Acq: 6 Mar 2019 12:50

Tgt Ion: 70 Resp: 37950

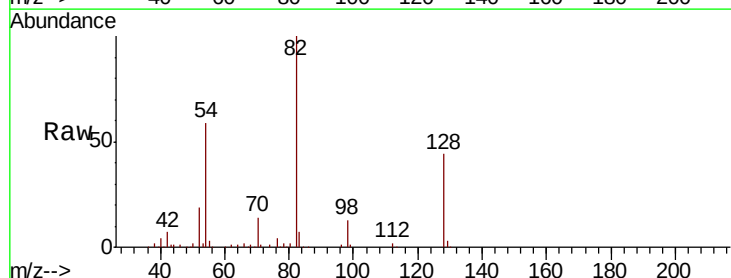
Ion Ratio Lower Upper

70 100

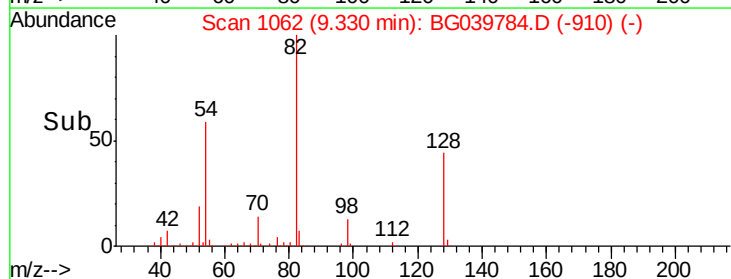
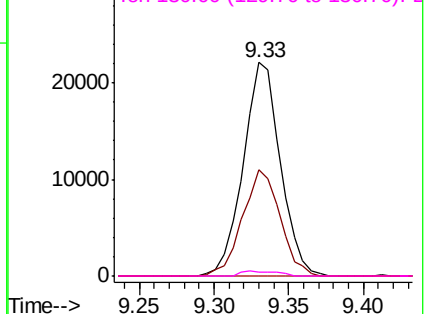
42 49.8 60.4 90.6#

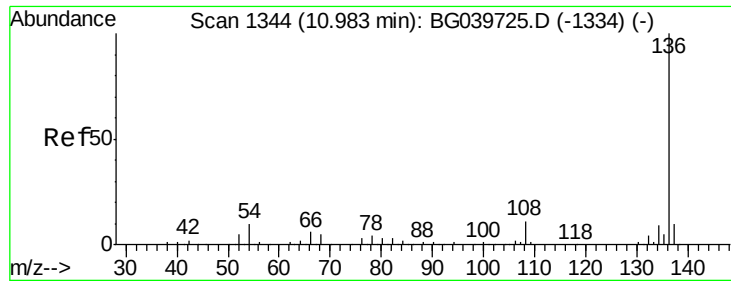
101 0.0 7.5 11.3#

130 2.1 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

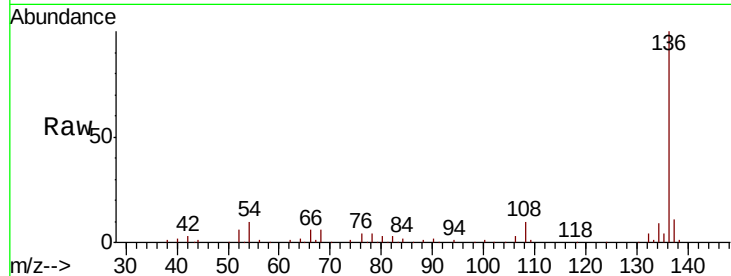




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG039784.D
Acq: 6 Mar 2019 12:50

Instrument :
BNA_G
ClientSampleId :
PB117613BL

Tgt Ion:	136	Resp:	189857
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	10.2	9.4	14.2
68	6.4	4.2	6.4#



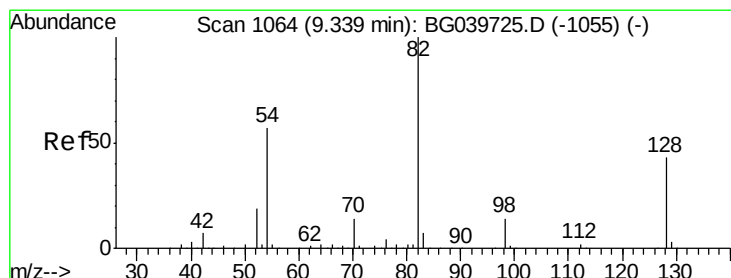
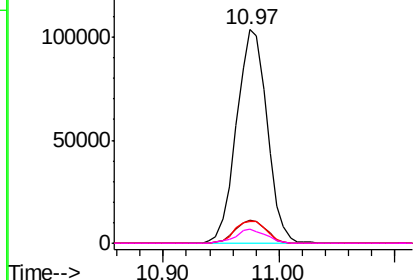
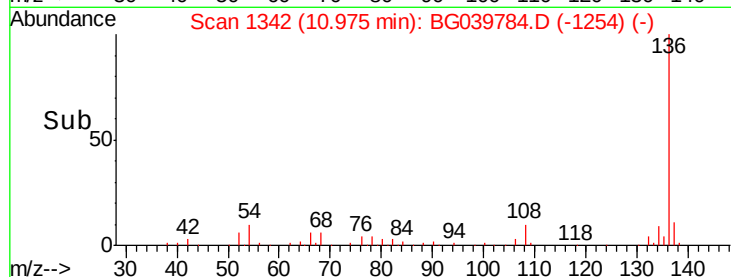
Abundance

Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

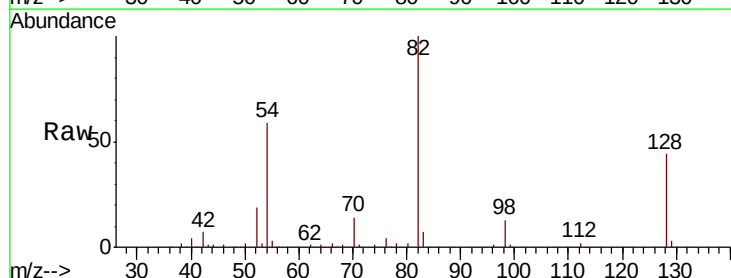
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23
Nitrobenzene-d5
Concen: 82.715 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG039784.D
Acq: 6 Mar 2019 12:50

Tgt Ion:	82	Resp:	290364
Ion	Ratio	Lower	Upper
82	100		
128	43.6	31.3	46.9
54	58.6	50.9	76.3

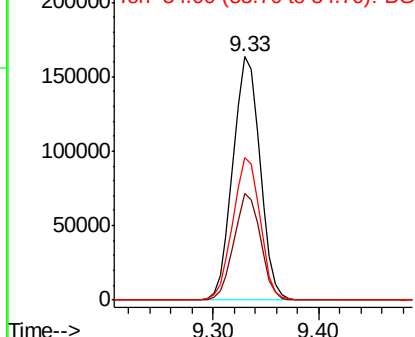
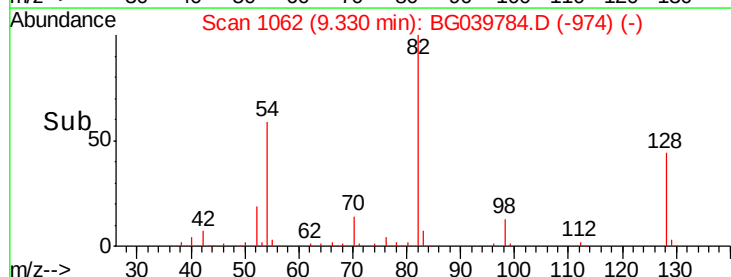


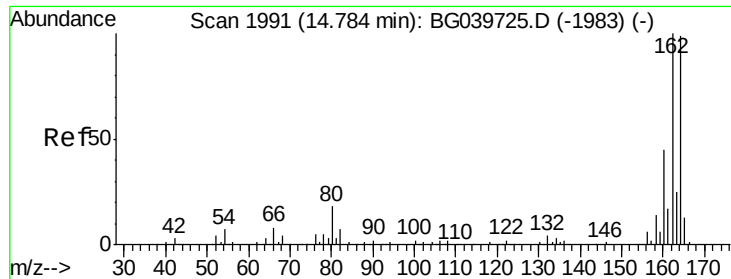
Abundance

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: BG039784.D

Acq: 6 Mar 2019 12:50

Instrument :

BNA_G

ClientSampleId :

PB117613BL

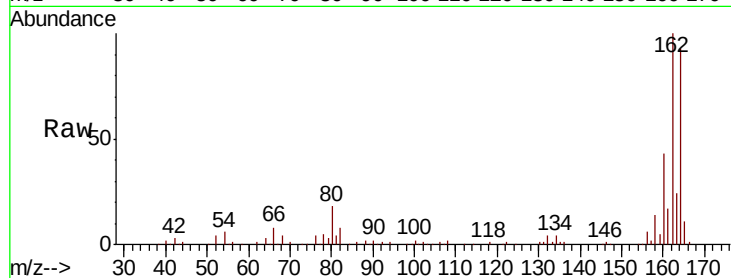
Tgt Ion:164 Resp: 134518

Ion Ratio Lower Upper

164 100

162 107.1 81.6 122.4

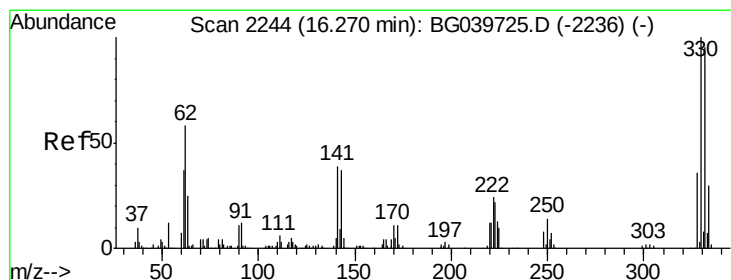
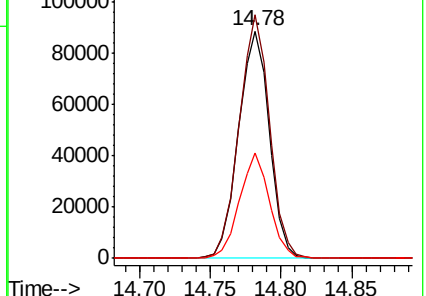
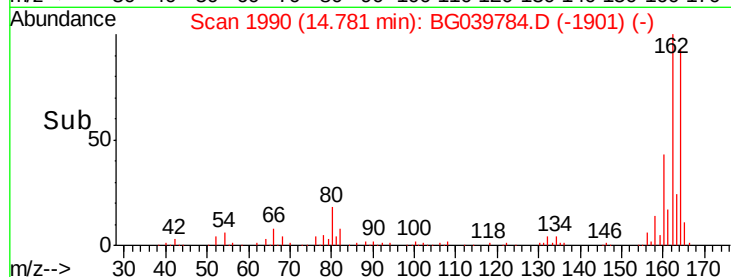
160 46.3 34.2 51.2



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: 134.159 ng

RT: 16.27 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BG039784.D

Acq: 6 Mar 2019 12:50

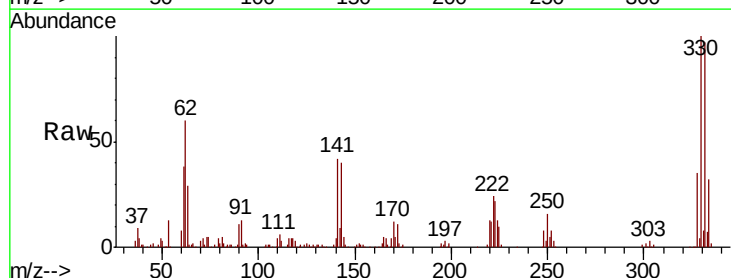
Tgt Ion:330 Resp: 210349

Ion Ratio Lower Upper

330 100

332 97.7 75.7 113.5

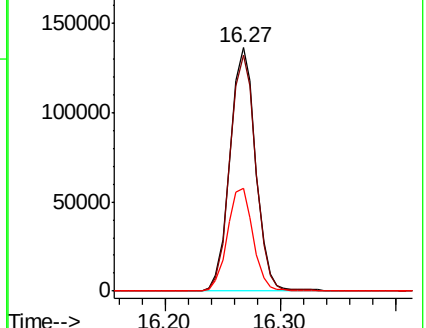
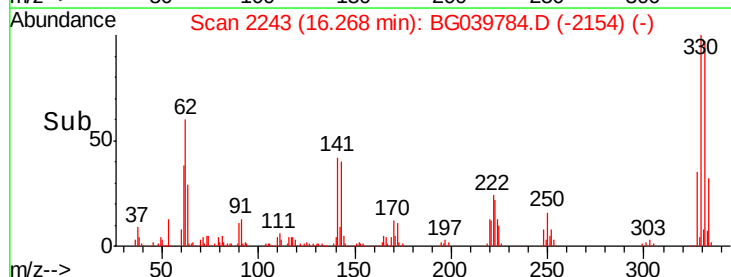
141 42.3 35.6 53.4

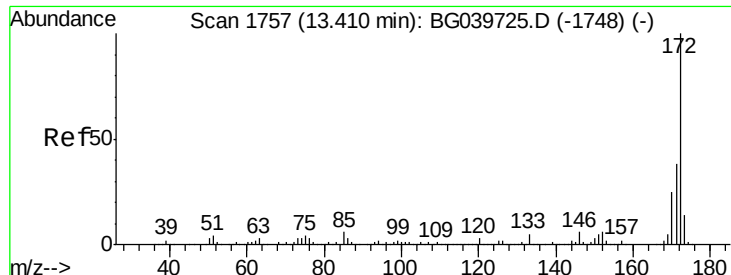


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

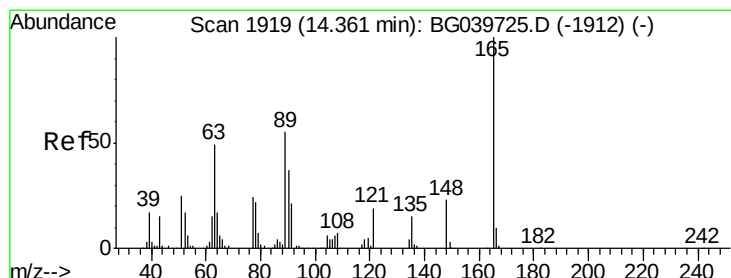
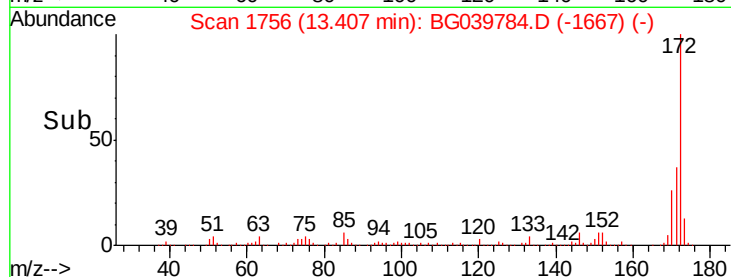
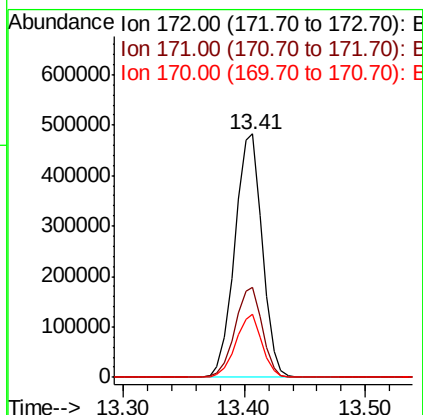
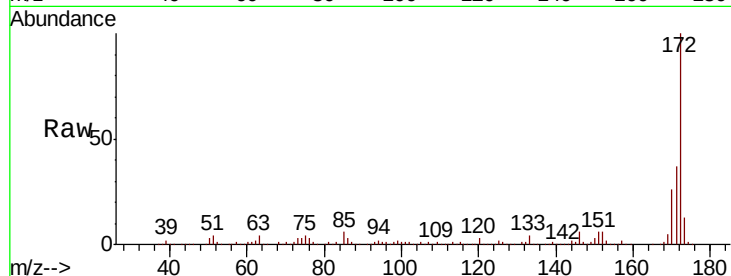




#45
 2-Fluorobiphenyl
 Concen: 80.675 ng
 RT: 13.41 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG039784.D
 Acq: 6 Mar 2019 12:50

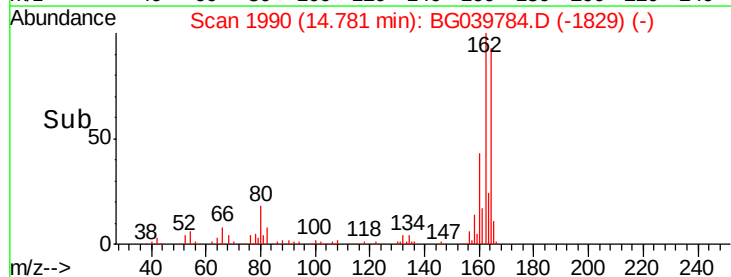
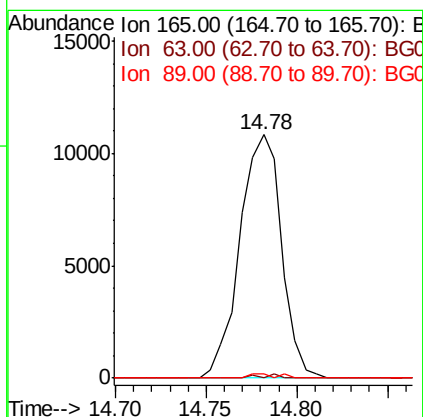
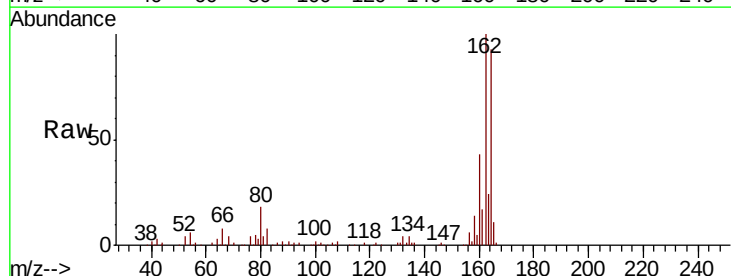
Instrument :
 BNA_G
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 PB117613BL

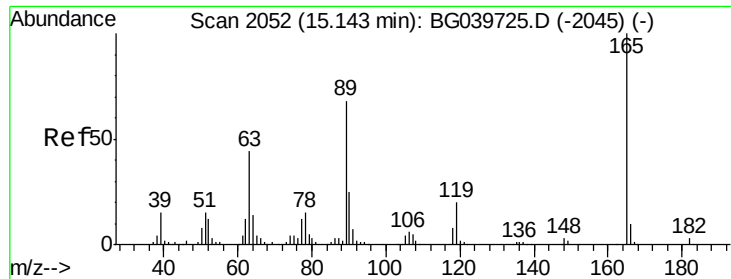
Tgt Ion:172 Resp: 762187
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.8 46.2
 170 25.7 20.2 30.4



#51
 2,6-Dinitrotoluene
 Concen: 7.287 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. 0.41 min
 Lab File: BG039784.D
 Acq: 6 Mar 2019 12:50

Tgt Ion:165 Resp: 17376
 Ion Ratio Lower Upper
 165 100
 63 0.0 47.0 70.6#
 89 1.8 45.8 68.8#

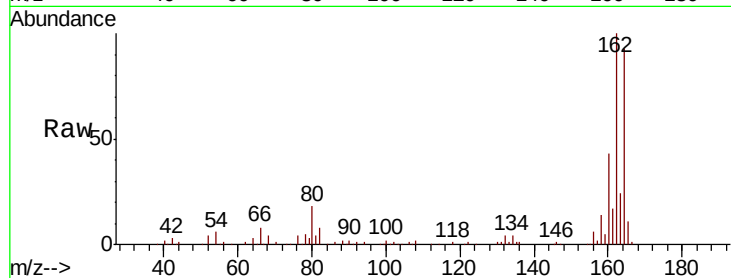




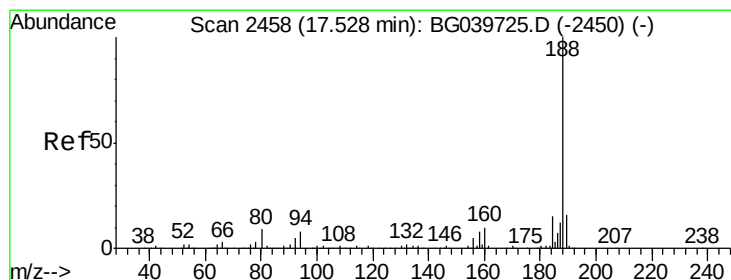
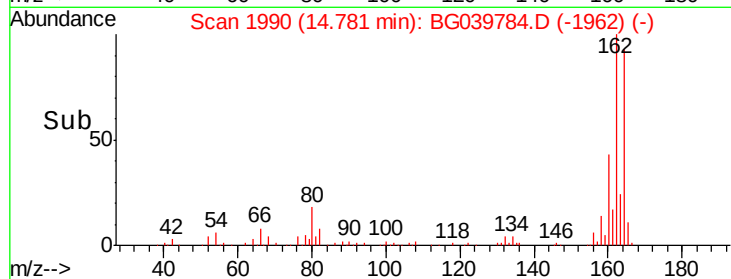
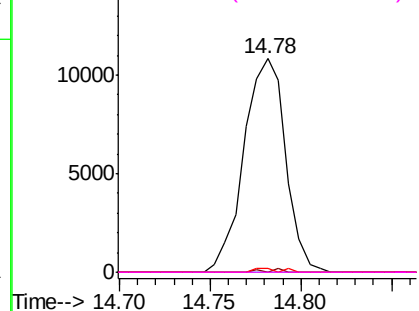
#57
 2,4-Dinitrotoluene
 Concen: 5.186 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. -0.37 min
 Lab File: BG039784.D
 Acq: 6 Mar 2019 12:50

Instrument :
 BNA_G
 ClientSampleId :
 PB117613BL

Tgt Ion:	165	Resp:	17376
Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.0	61.6#
89	1.8	64.6	96.8#
182	0.0	2.0	3.0#

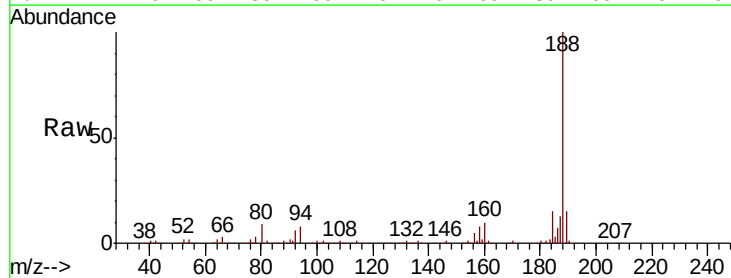


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

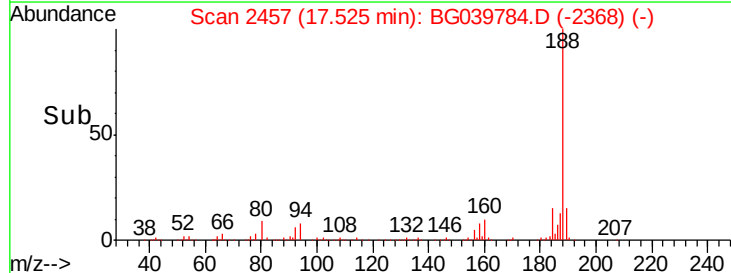
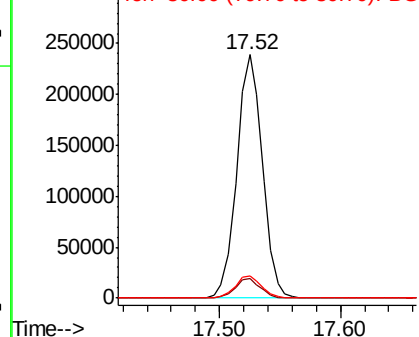


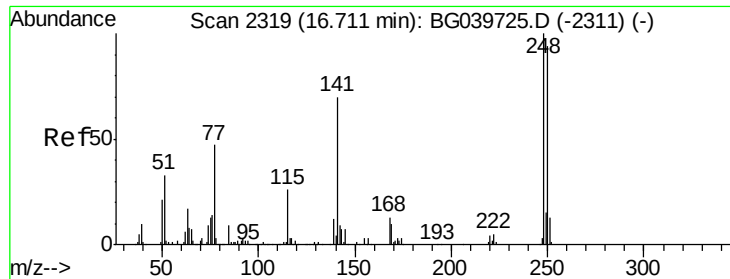
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2457
 Delta R.T. -0.01 min
 Lab File: BG039784.D
 Acq: 6 Mar 2019 12:50

Tgt Ion:	188	Resp:	351487
Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.9	10.3
80	9.0	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

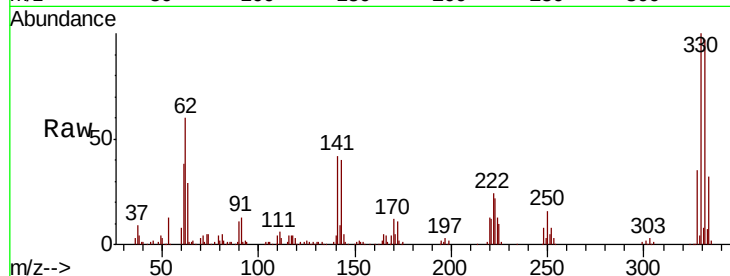




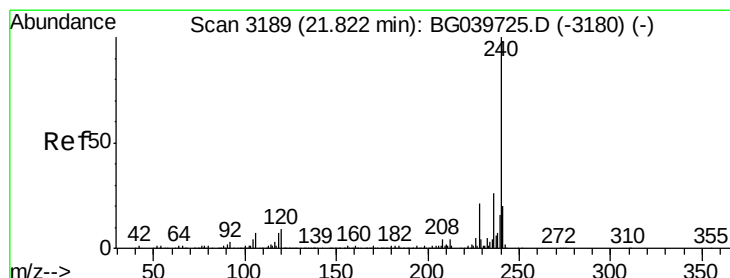
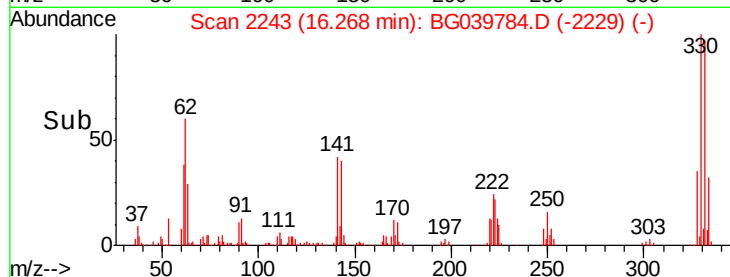
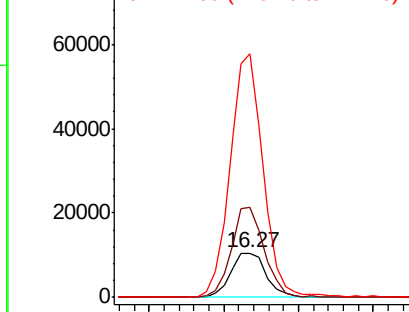
#67
4-Bromophenyl-phenylether
Concen: 4.401 ng
RT: 16.27 min Scan# 2243
Delta R.T. -0.45 min
Lab File: BG039784.D
Acq: 6 Mar 2019 12:50

Instrument :
BNA_G
ClientSampleId :
PB117613BL

Tgt Ion:248 Resp: 17316
Ion Ratio Lower Upper
248 100
250 203.9 77.6 116.4#
141 551.0 63.9 95.9#

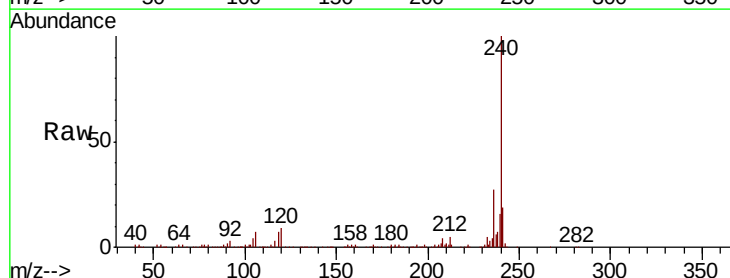


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

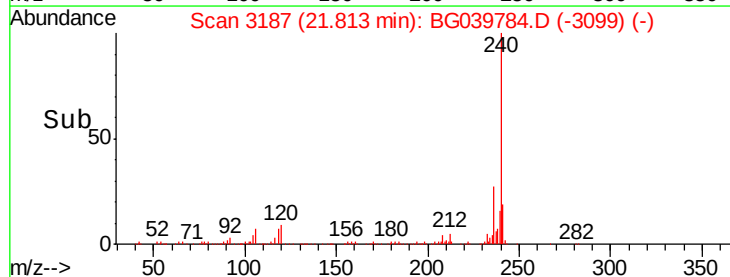
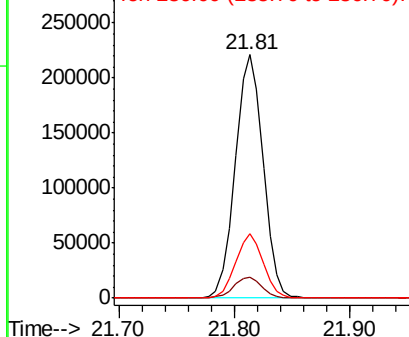


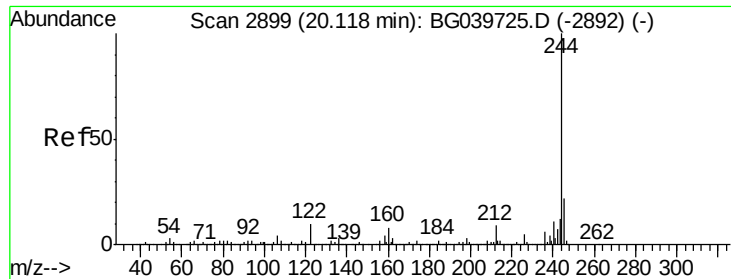
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.02 min
Lab File: BG039784.D
Acq: 6 Mar 2019 12:50

Tgt Ion:240 Resp: 368248
Ion Ratio Lower Upper
240 100
120 8.6 7.0 10.6
236 26.7 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: 77.871 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.00 min

Lab File: BG039784.D

Acq: 6 Mar 2019 12:50

Instrument :

BNA_G

ClientSampleId :

PB117613BL

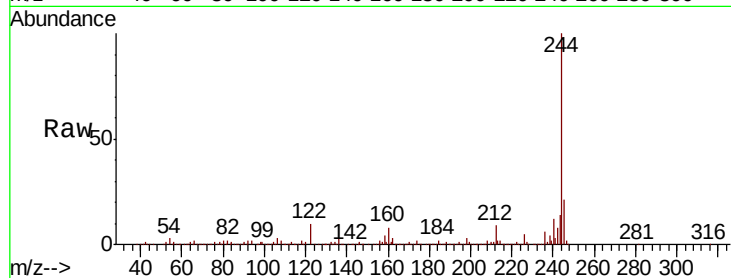
Tgt Ion:244 Resp: 1302377

Ion Ratio Lower Upper

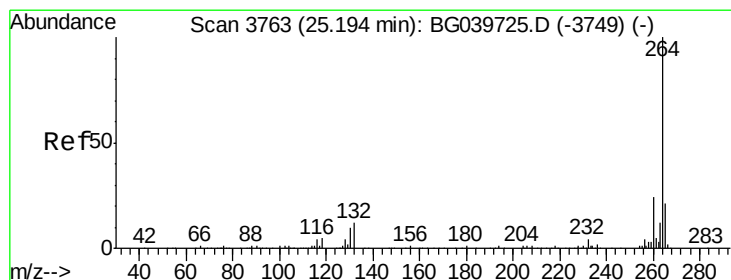
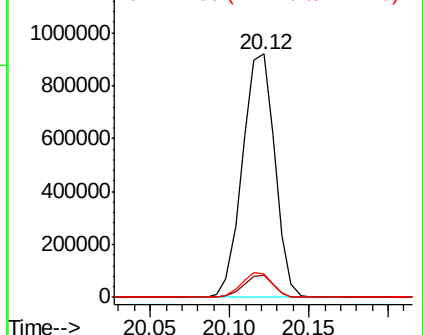
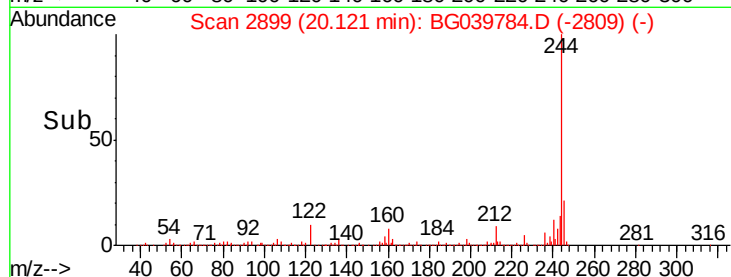
244 100

212 8.9 7.3 10.9

122 9.6 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: 25.19 min Scan# 3762

Delta R.T. -0.01 min

Lab File: BG039784.D

Acq: 6 Mar 2019 12:50

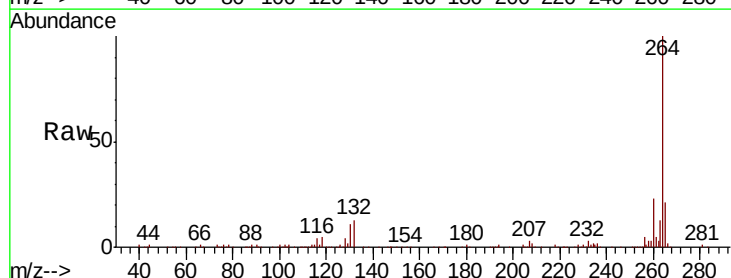
Tgt Ion:264 Resp: 367055

Ion Ratio Lower Upper

264 100

260 22.8 18.2 27.4

265 21.3 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

