

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
 Data File : BG038993.D
 Acq On : 8 Jan 2019 12:52
 Operator : JU/SJ
 Sample : K1034-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 08 13:29:25 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

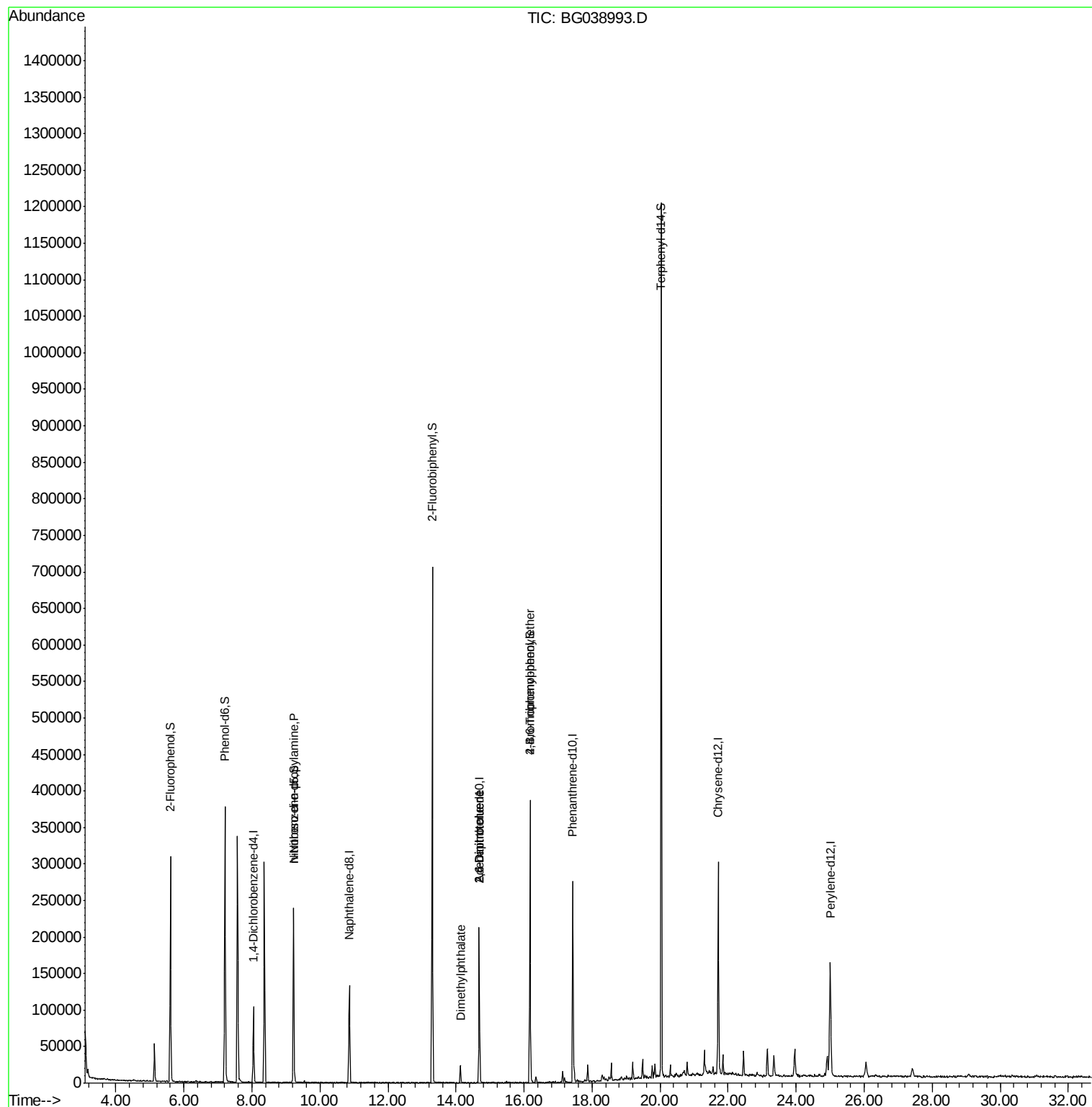
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	30350	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	119425	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	78788	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	183621	20.00	ng	-0.01
76) Chrysene-d12	21.71	240	182810	20.00	ng	-0.02
87) Perylene-d12	25.00	264	198899	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	138817	81.12	ng	0.00
7) Phenol-d6	7.21	99	218762	93.13	ng	0.00
23) Nitrobenzene-d5	9.22	82	143971	61.59	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	82567	76.04	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	389944	67.90	ng	-0.02
79) Terphenyl-d14	20.04	244	624224	74.31	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	18777	11.381	ng	# 68
50) Dimethylphthalate	14.13	163	20058	3.117	ng	# 95
51) 2,6-Dinitrotoluene	14.68	165	10115	6.937	ng	# 21
57) 2,4-Dinitrotoluene	14.68	165	10115	4.925	ng	# 23
67) 4-Bromophenyl-phenylether	16.17	248	5282	2.355	ng	# 1

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

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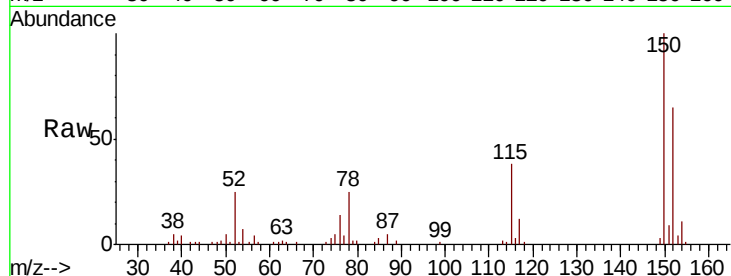


#1

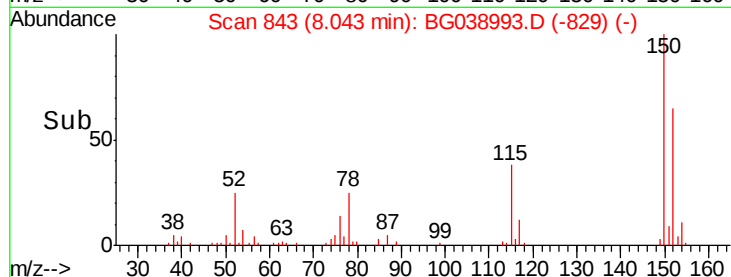
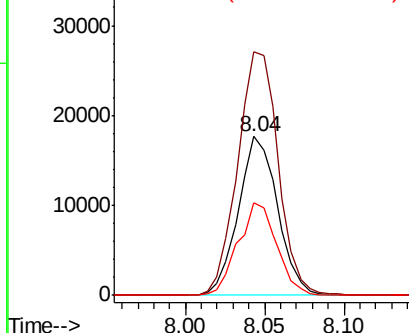
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.02 min
Lab File: BG038993.D
Acq: 8 Jan 2019 12:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 30350
Ion Ratio Lower Upper
152 100
150 153.3 119.5 179.3
115 58.1 49.6 74.4



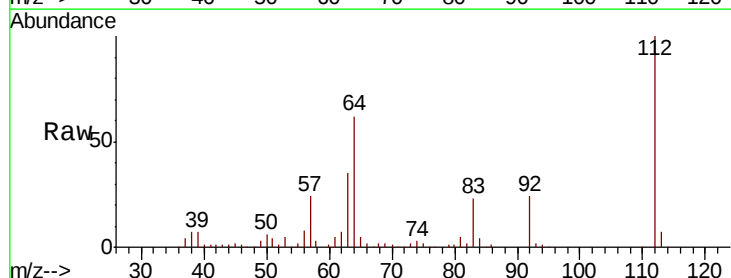
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



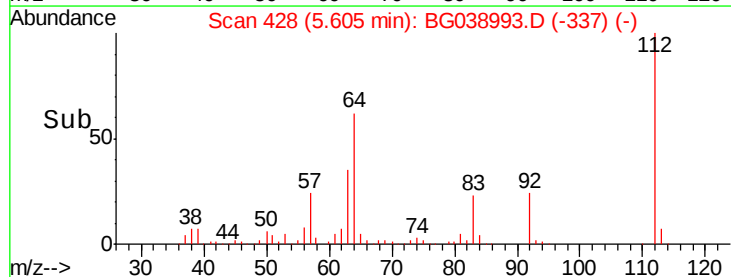
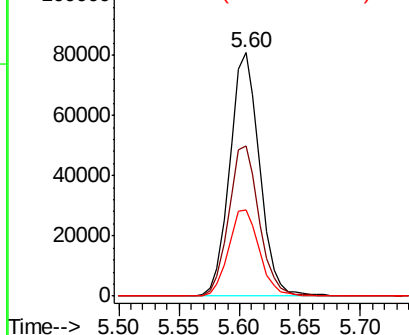
#5

2-Fluorophenol
Concen: 81.125 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG038993.D
Acq: 8 Jan 2019 12:52

Tgt Ion:112 Resp: 138817
Ion Ratio Lower Upper
112 100
64 61.7 53.4 80.2
63 35.2 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: 93.126 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038993.D

Acq: 8 Jan 2019 12:52

Instrument :

BNA_G

ClientSampleId :

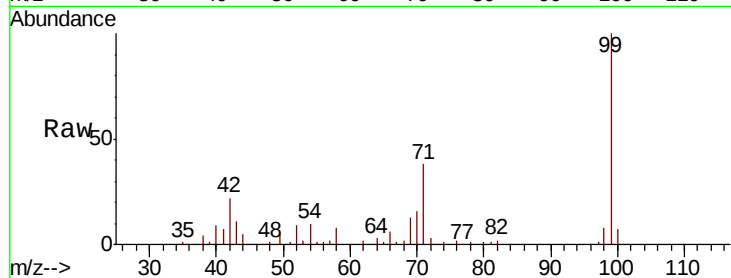
Tot Ion: 99 Resp: 218762

Ion Ratio Lower Upper

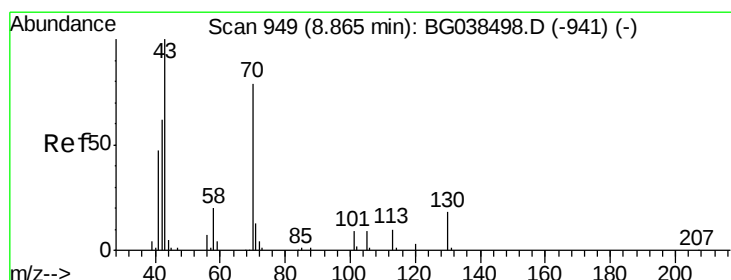
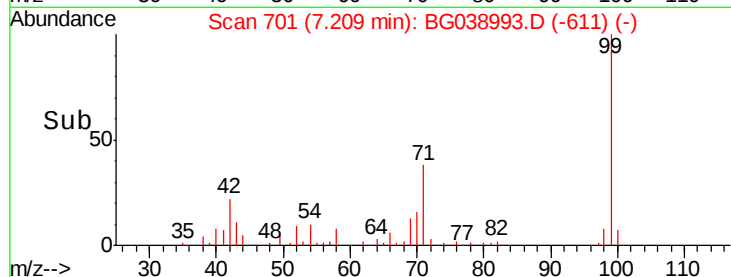
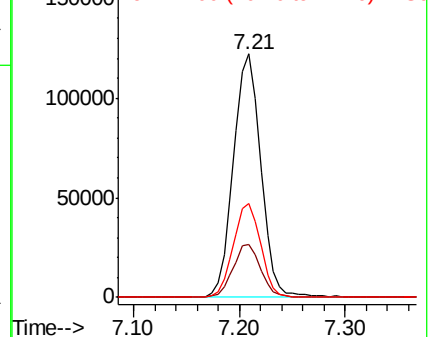
99 100

42 21.9 18.5 27.7

71 38.4 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: 11.381 ng

RT: 9.22 min Scan# 1044

Delta R.T. 0.36 min

Lab File: BG038993.D

Acq: 8 Jan 2019 12:52

Tgt Ion: 70 Resp: 18777

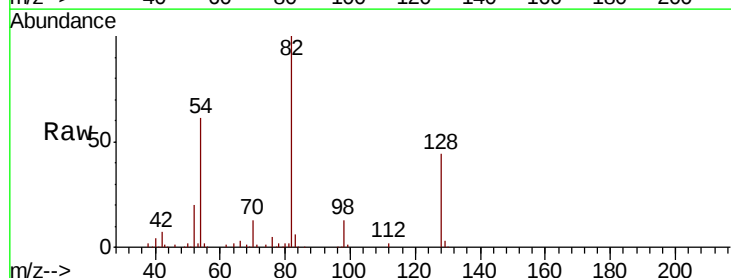
Ion Ratio Lower Upper

70 100

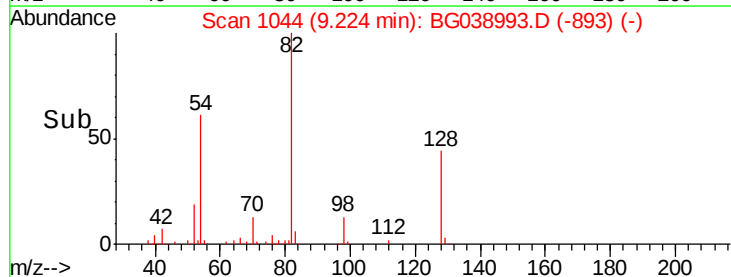
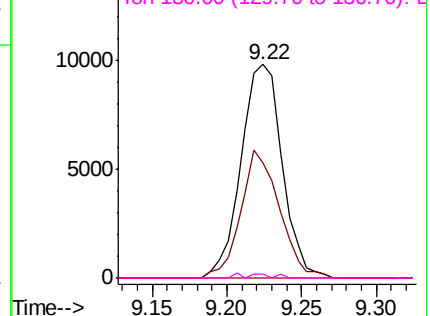
42 54.2 63.6 95.4#

101 0.0 9.2 13.8#

130 2.1 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

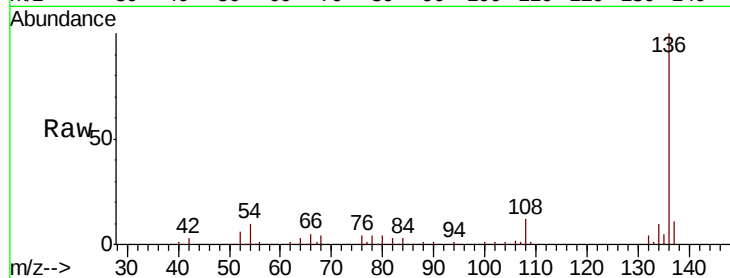




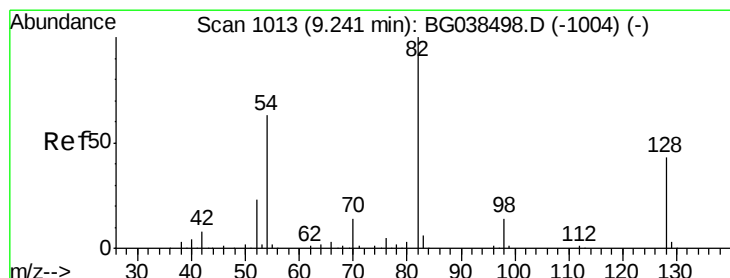
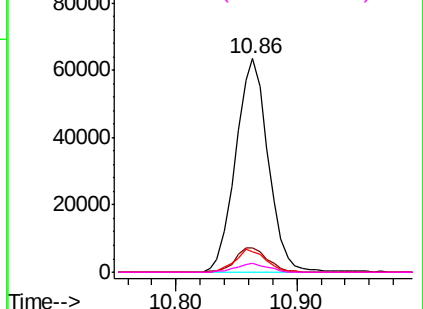
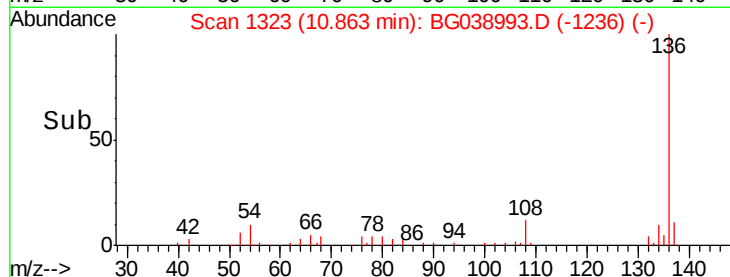
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG038993.D
Acq: 8 Jan 2019 12:52

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	119425
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.3 13.9
54	9.6	8.5 12.7
68	4.3	3.5 5.3

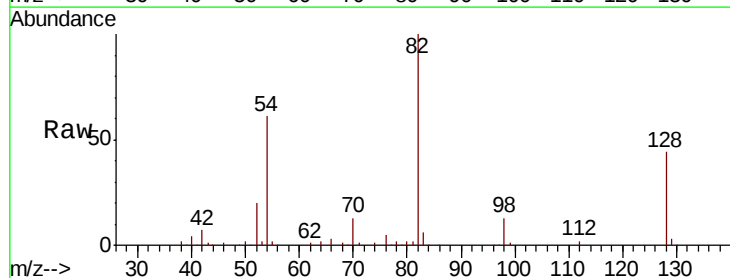


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

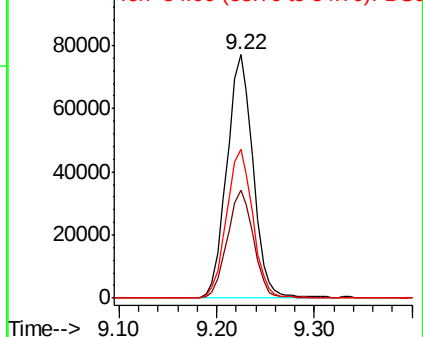
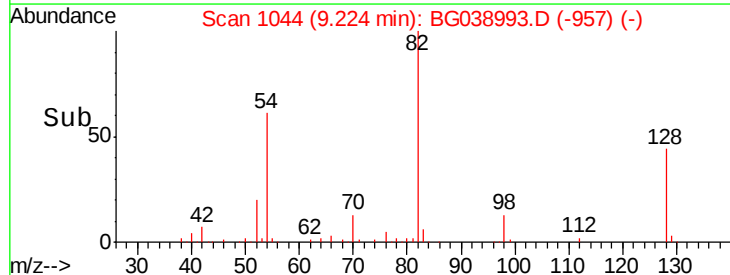


#23
Nitrobenzene-d5
Concen: 61.587 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG038993.D
Acq: 8 Jan 2019 12:52

Tgt Ion: 82	Resp:	143971
Ion Ratio	Lower	Upper
82	100	
128	44.4	34.6 52.0
54	61.1	50.6 76.0



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: 14.68 min Scan# 1973

Delta R.T. -0.02 min

Lab File: BG038993.D

Acq: 8 Jan 2019 12:52

Instrument :

BNA_G

ClientSampleId :

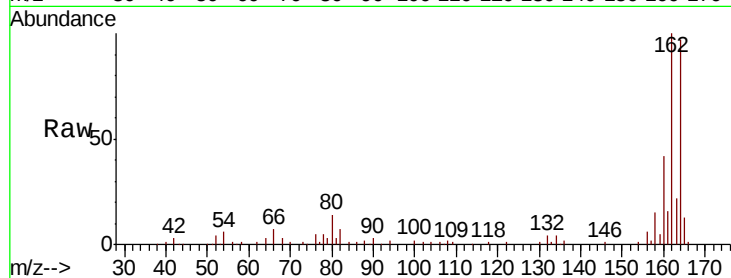
Tot Ion:164 Resp: 78788

Ion Ratio Lower Upper

164 100

162 102.8 86.6 130.0

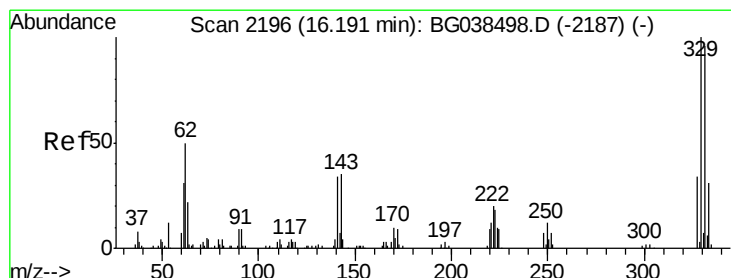
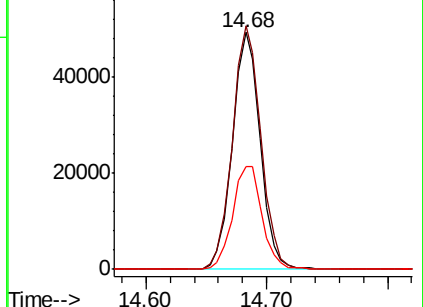
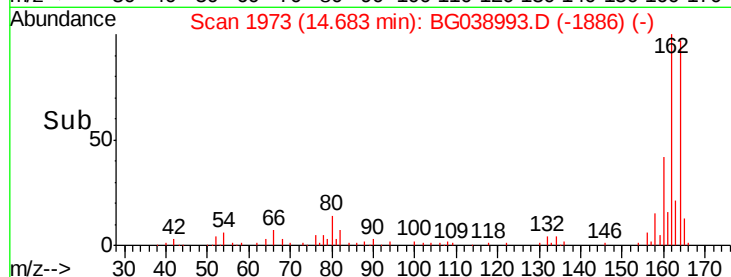
160 43.4 34.2 51.2



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: 76.040 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.02 min

Lab File: BG038993.D

Acq: 8 Jan 2019 12:52

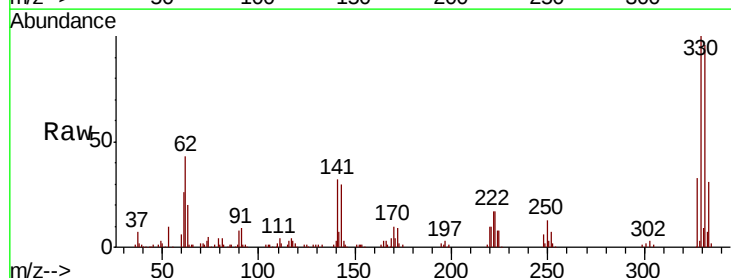
Tgt Ion:330 Resp: 82567

Ion Ratio Lower Upper

330 100

332 94.5 76.9 115.3

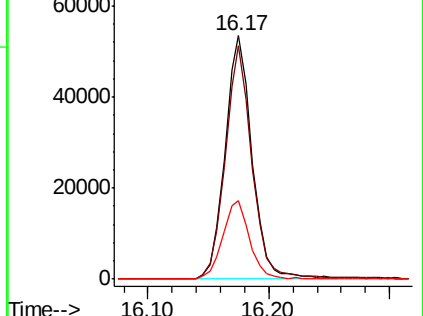
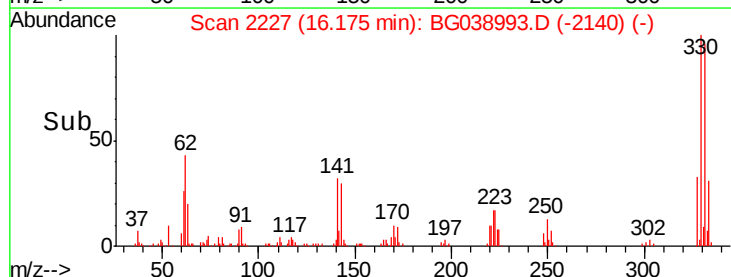
141 32.1 28.8 43.2



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

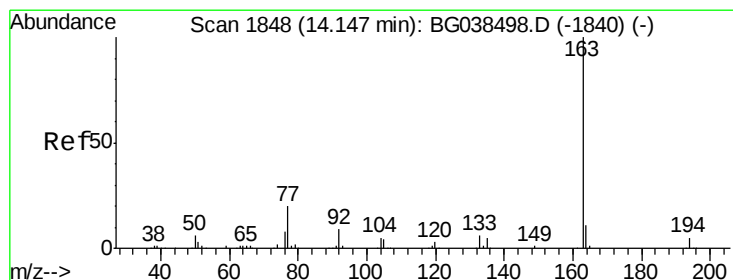
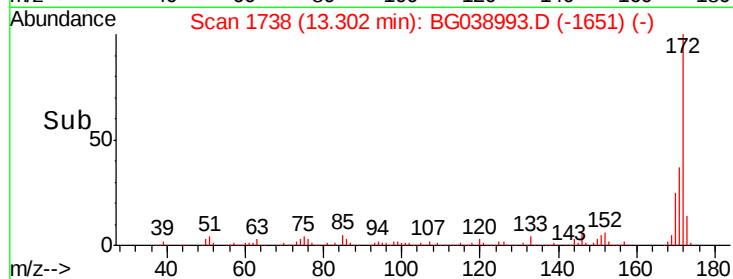
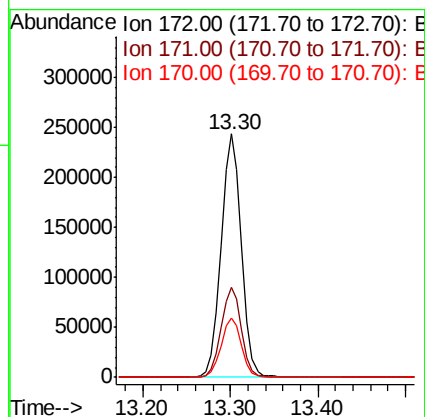
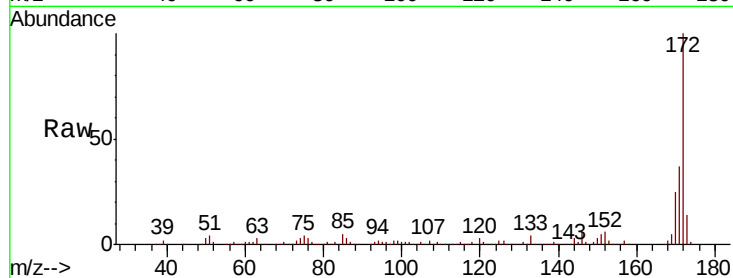




#45
 2-Fluorobiphenyl
 Concen: 67.897 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.02 min
 Lab File: BG038993.D
 Acq: 8 Jan 2019 12:52

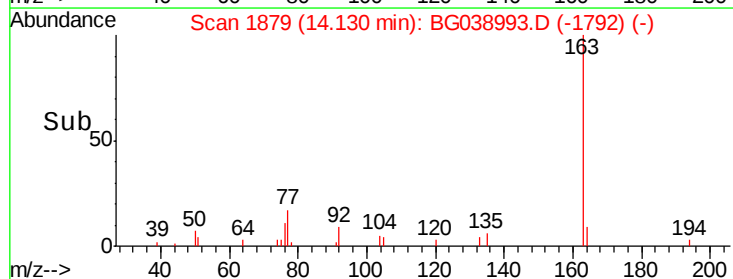
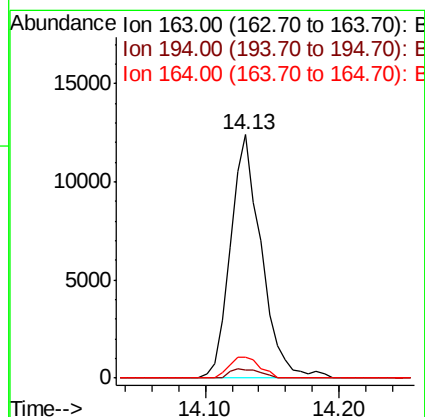
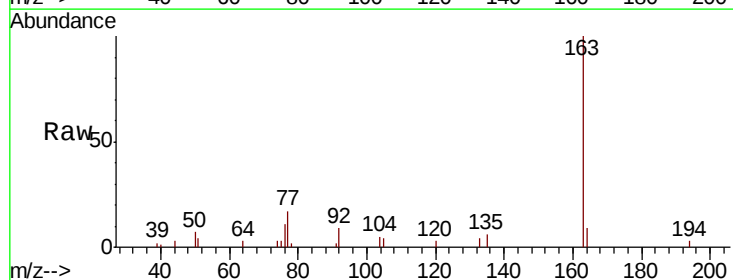
Instrument :
 BNA_G
 ClientSampleId :

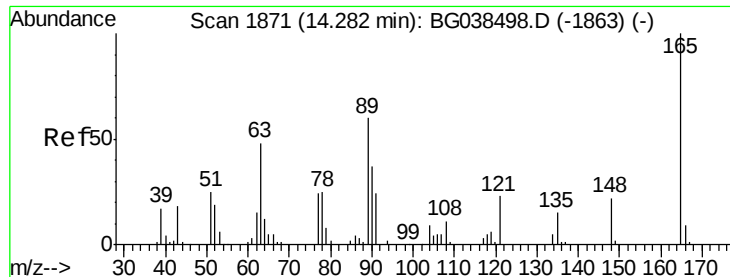
Tot Ion:172 Resp: 389944
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.8 44.6
 170 24.5 19.5 29.3



#50
 Dimethylphthalate
 Concen: 3.117 ng
 RT: 14.13 min Scan# 1879
 Delta R.T. -0.02 min
 Lab File: BG038993.D
 Acq: 8 Jan 2019 12:52

Tgt Ion:163 Resp: 20058
 Ion Ratio Lower Upper
 163 100
 194 3.4 3.7 5.5#
 164 8.7 8.6 12.8

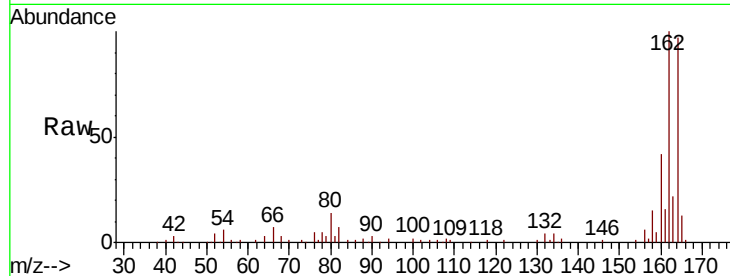




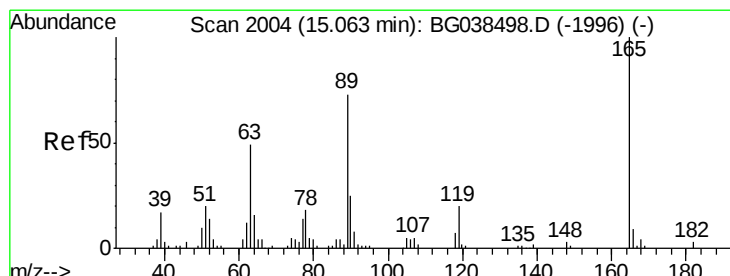
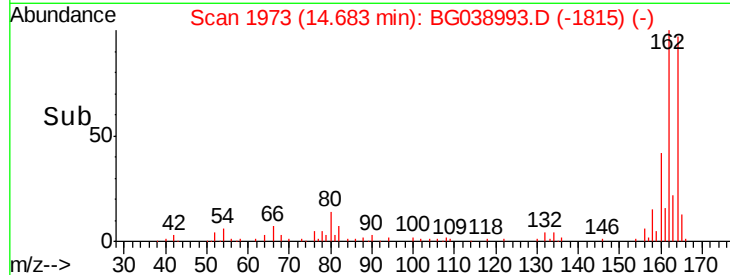
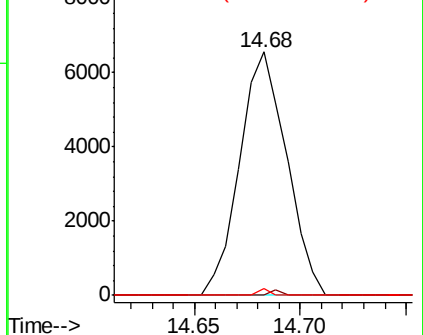
#51
 2,6-Dinitrotoluene
 Concen: 6.937 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. 0.40 min
 Lab File: BG038993.D
 Acq: 8 Jan 2019 12:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.8	77.6#
89	2.8	47.9	71.9#



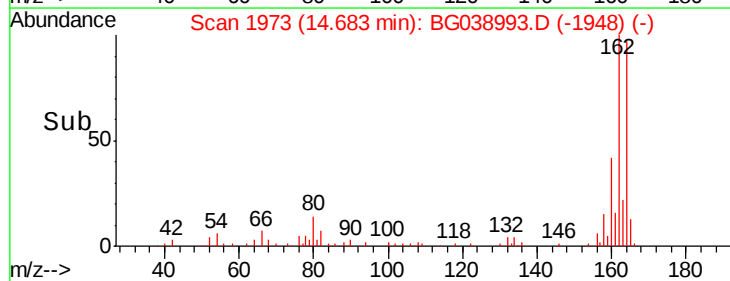
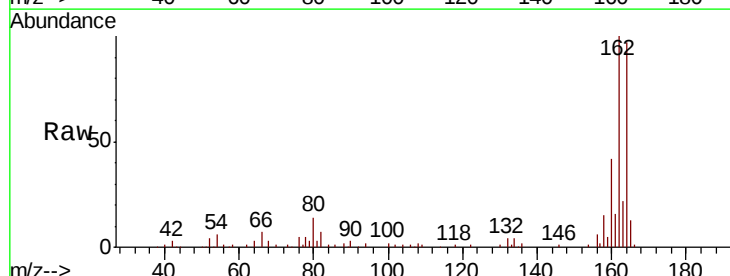
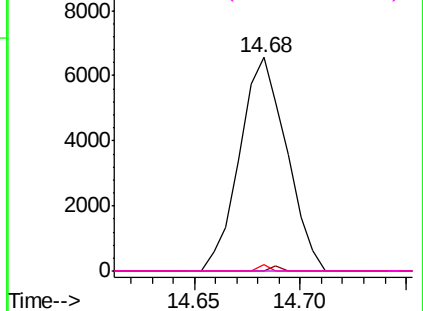
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

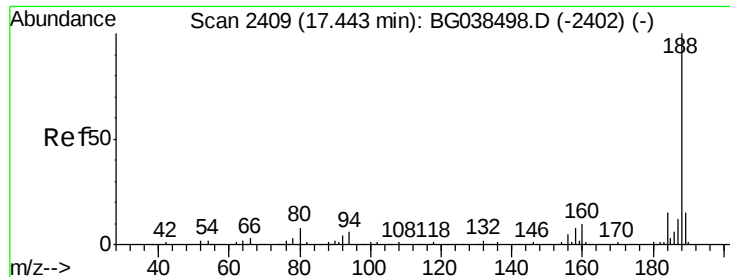


#57
 2,4-Dinitrotoluene
 Concen: 4.925 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.38 min
 Lab File: BG038993.D
 Acq: 8 Jan 2019 12:52

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.0	58.4#
89	2.8	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: BG038993.D

Acq: 8 Jan 2019 12:52

Instrument :

BNA_G

ClientSampleId :

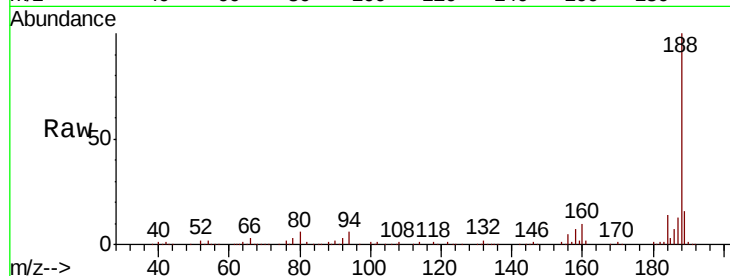
Tot Ion:188 Resp: 183621

Ion Ratio Lower Upper

188 100

94 5.8 5.1 7.7

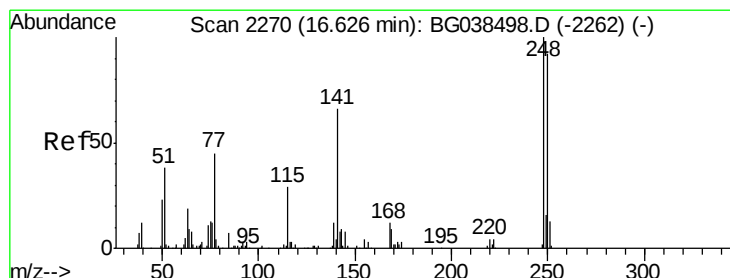
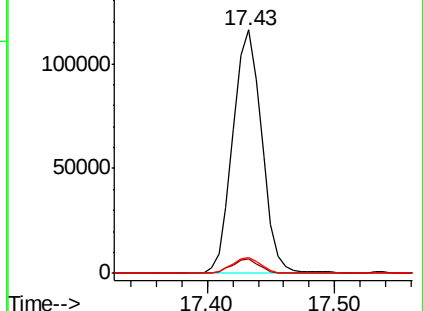
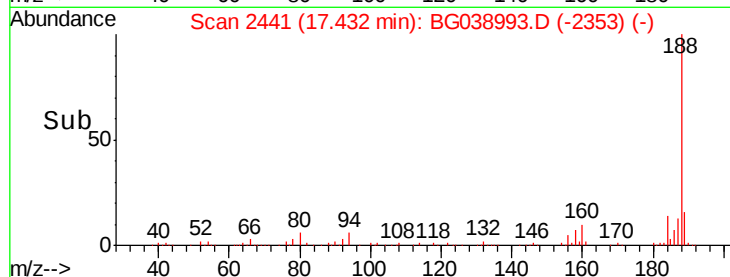
80 6.3 6.1 9.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#67

4-Bromophenyl-phenylether

Concen: 2.355 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.45 min

Lab File: BG038993.D

Acq: 8 Jan 2019 12:52

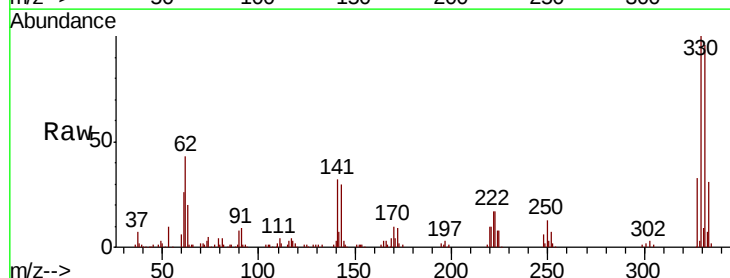
Tgt Ion:248 Resp: 5282

Ion Ratio Lower Upper

248 100

250 208.2 73.4 110.2#

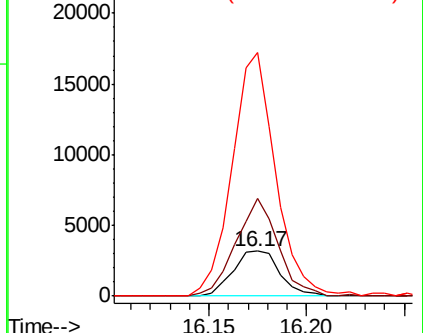
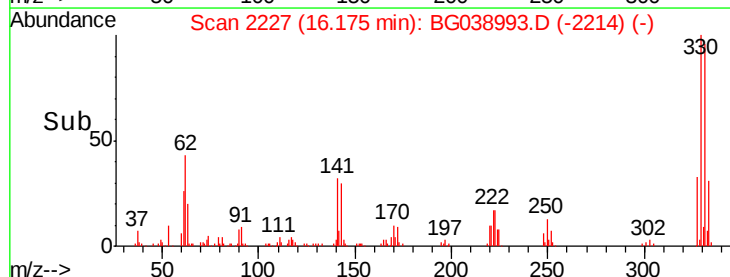
141 411.1 52.9 79.3#

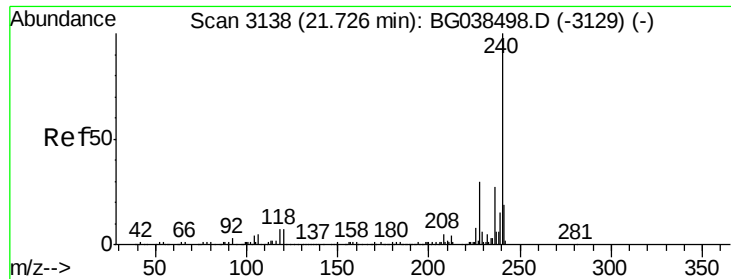


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

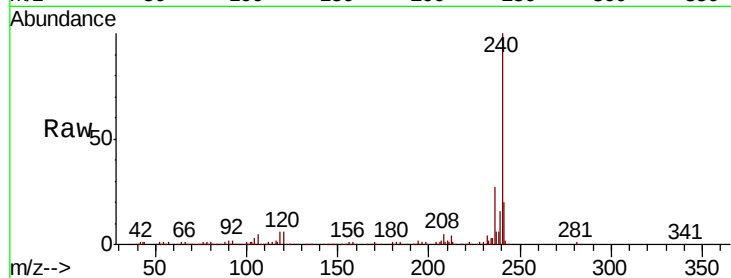




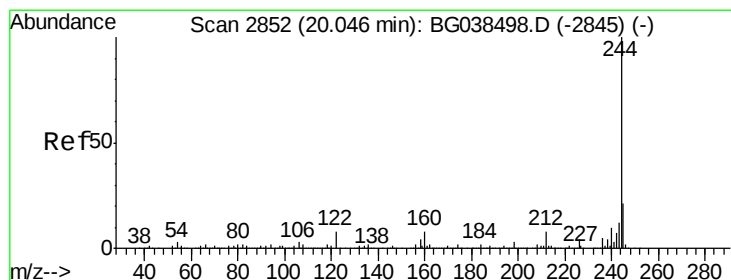
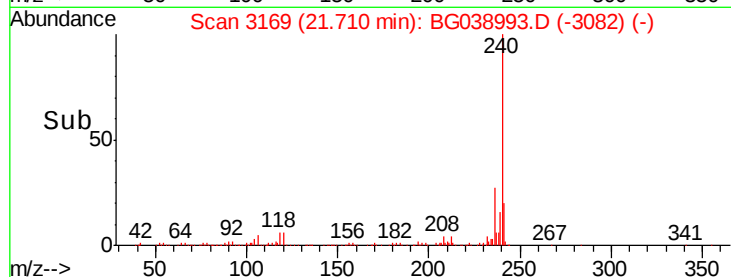
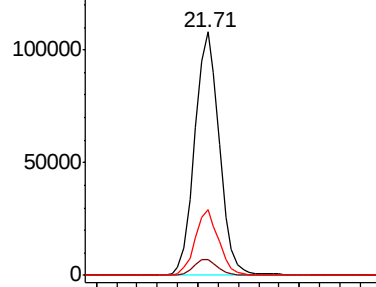
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.71 min Scan# 3169
 Delta R.T. -0.02 min
 Lab File: BG038993.D
 Acq: 8 Jan 2019 12:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:240 Resp: 182810
 Ion Ratio Lower Upper
 240 100
 120 6.3 5.3 7.9
 236 27.0 21.4 32.2

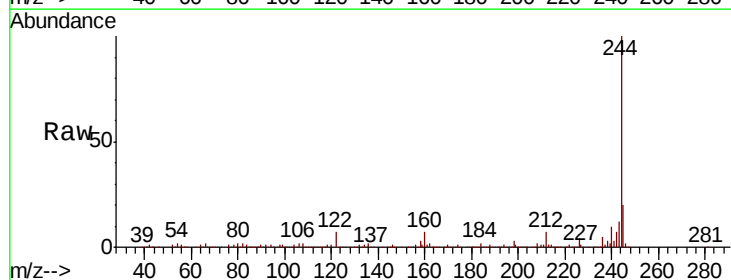


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

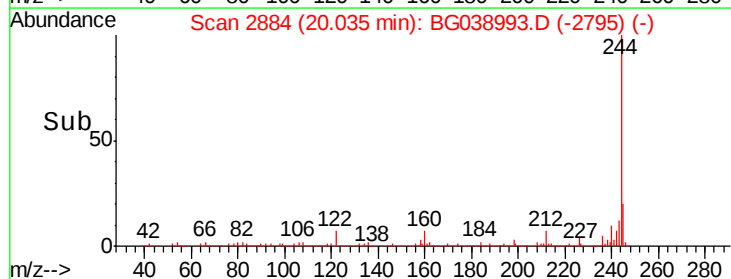
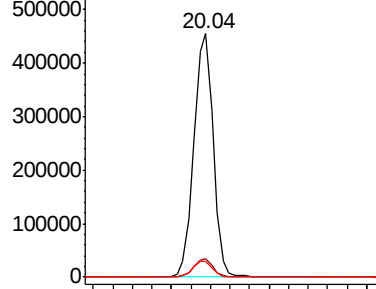


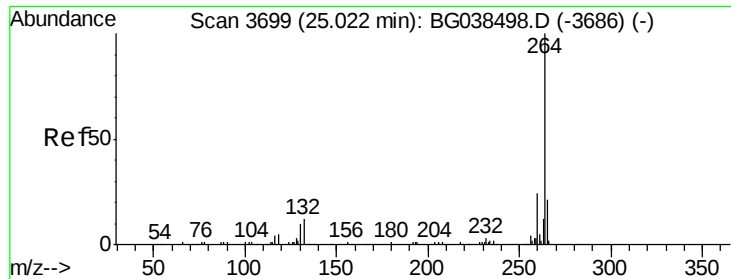
#79
 Terphenyl-d14
 Concen: 74.313 ng
 RT: 20.04 min Scan# 2884
 Delta R.T. -0.01 min
 Lab File: BG038993.D
 Acq: 8 Jan 2019 12:52

Tgt Ion:244 Resp: 624224
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 6.5 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

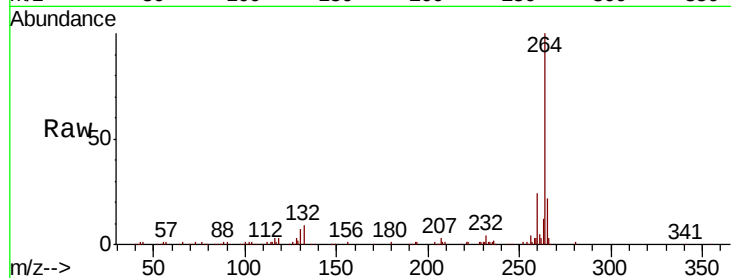




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.00 min Scan# 3729
Delta R.T. -0.02 min
Lab File: BG038993.D
Acq: 8 Jan 2019 12:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	21.7	17.0	25.4



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

