

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
 Data File : BG038991.D
 Acq On : 8 Jan 2019 11:34
 Operator : JU/SJ
 Sample : K1034-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 08 12:18:10 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

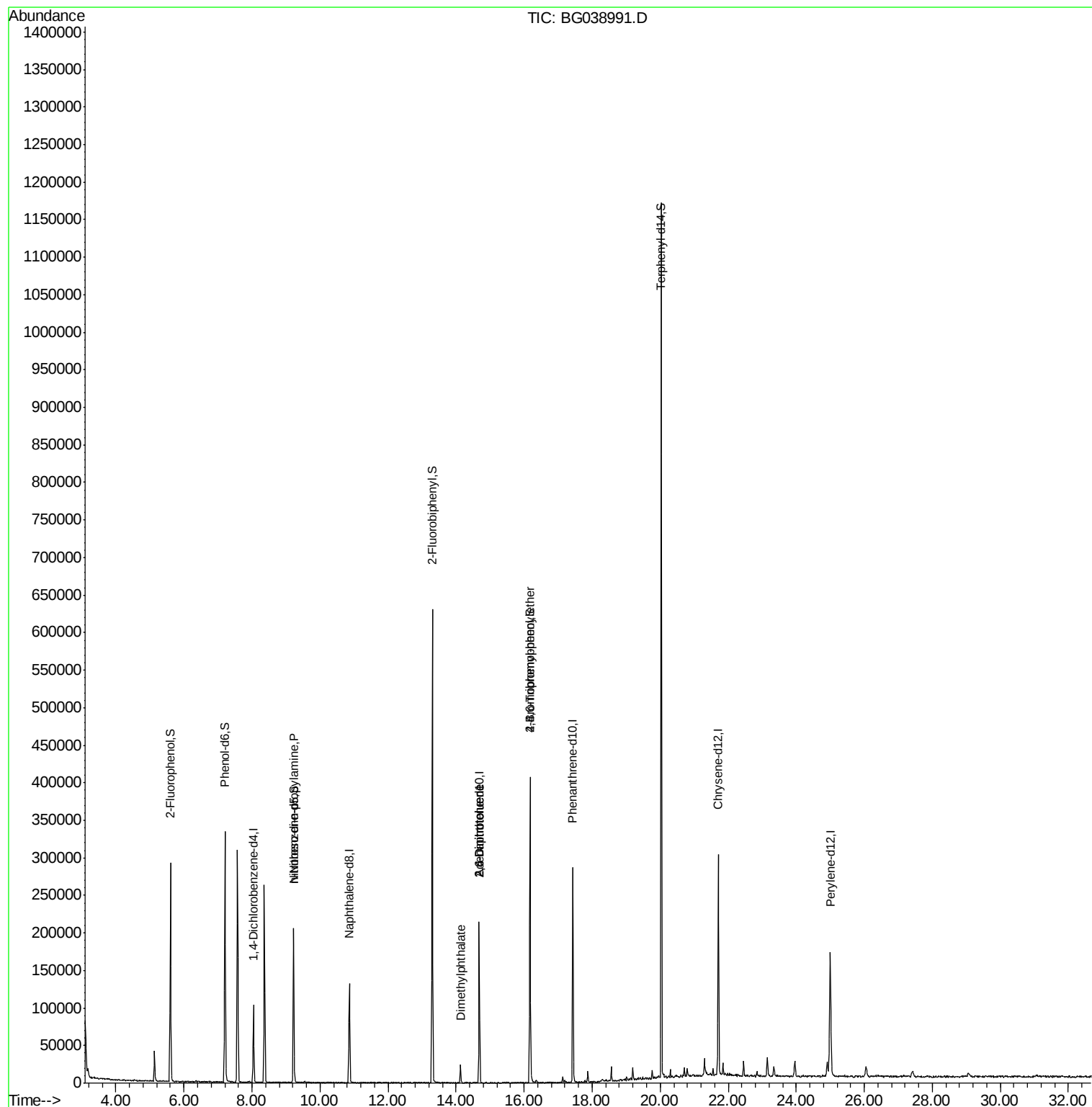
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	31538	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	119923	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	78933	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	194764	20.00	ng	-0.01
76) Chrysene-d12	21.71	240	195293	20.00	ng	-0.01
87) Perylene-d12	25.00	264	210112	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	130585	73.44	ng	0.00
7) Phenol-d6	7.21	99	193361	79.21	ng	0.00
23) Nitrobenzene-d5	9.22	82	124321	52.96	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	89394	82.18	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	343852	59.76	ng	-0.02
79) Terphenyl-d14	20.03	244	596546	66.48	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	16903	9.859	ng	# 68
50) Dimethylphthalate	14.13	163	19248	2.986	ng	# 99
51) 2,6-Dinitrotoluene	14.68	165	10545	7.219	ng	# 19
57) 2,4-Dinitrotoluene	14.68	165	10545	5.125	ng	# 21
67) 4-Bromophenyl-phenylether	16.17	248	6082	2.557	ng	# 1

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

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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



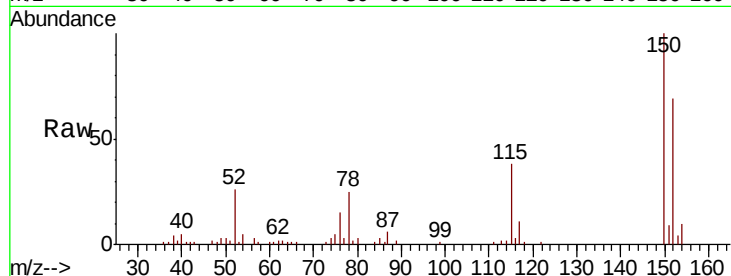


#1

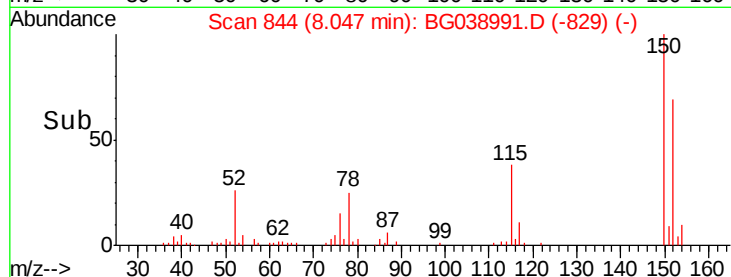
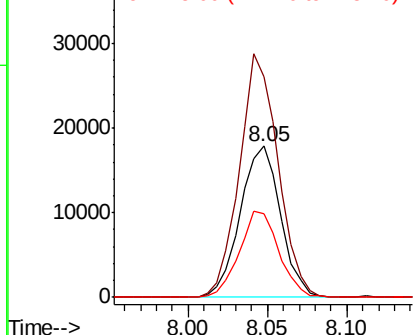
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG038991.D
Acq: 8 Jan 2019 11:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 31538
Ion Ratio Lower Upper
152 100
150 145.5 119.5 179.3
115 55.6 49.6 74.4



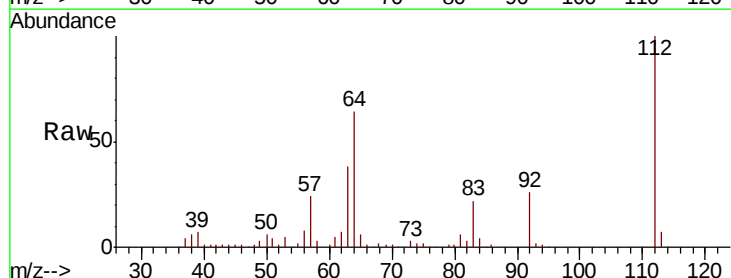
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



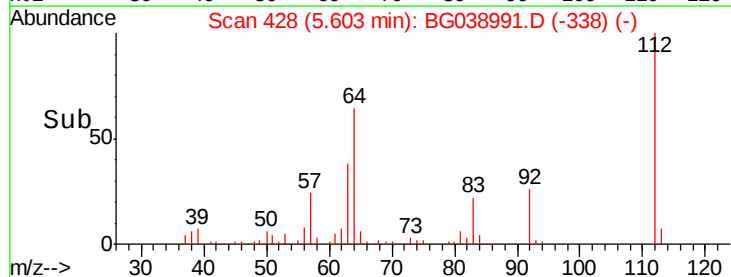
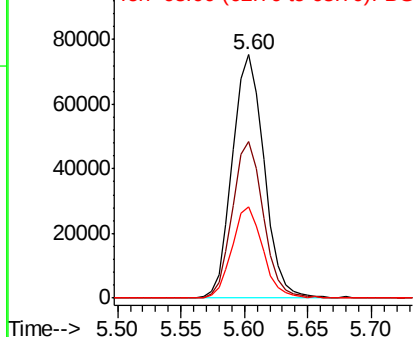
#5

2-Fluorophenol
Concen: 73.439 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG038991.D
Acq: 8 Jan 2019 11:34

Tgt Ion:112 Resp: 130585
Ion Ratio Lower Upper
112 100
64 64.5 53.4 80.2
63 37.7 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: 79.213 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038991.D

Acq: 8 Jan 2019 11:34

Instrument :

BNA_G

ClientSampled :

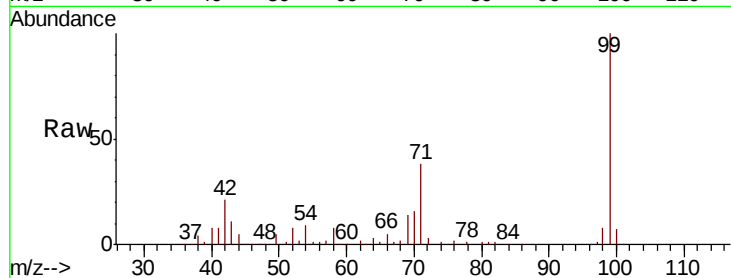
Tot Ion: 99 Resp: 193361

Ion Ratio Lower Upper

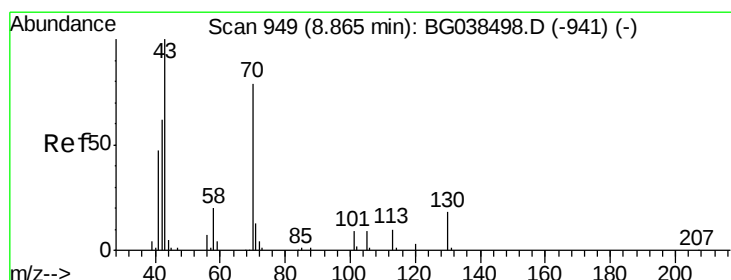
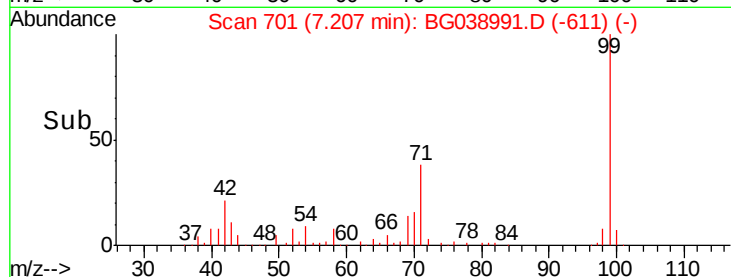
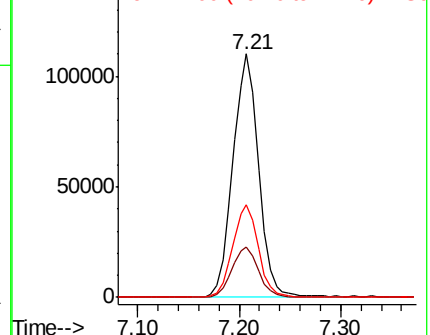
99 100

42 20.7 18.5 27.7

71 37.9 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: 9.859 ng

RT: 9.22 min Scan# 1044

Delta R.T. 0.36 min

Lab File: BG038991.D

Acq: 8 Jan 2019 11:34

Tgt Ion: 70 Resp: 16903

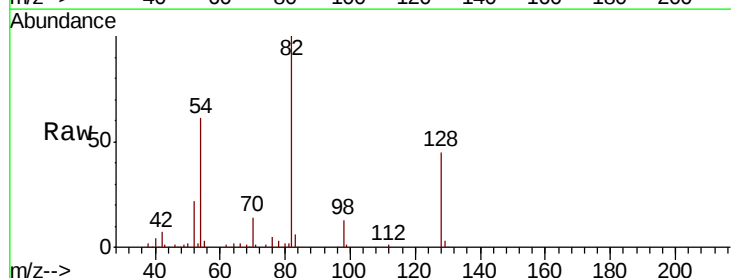
Ion Ratio Lower Upper

70 100

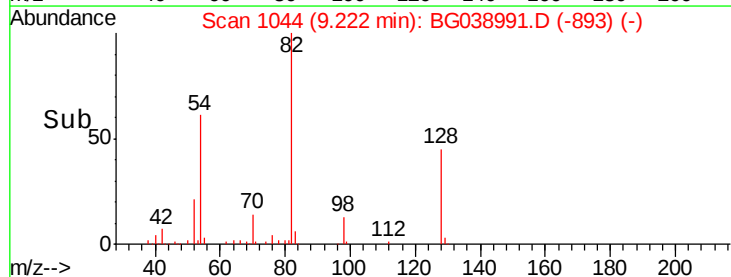
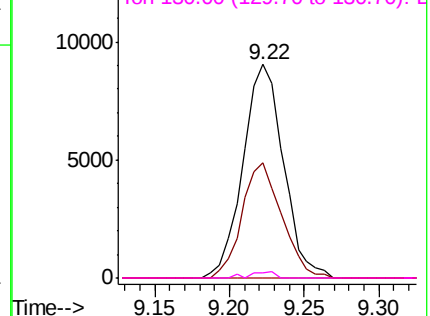
42 53.8 63.6 95.4#

101 0.0 9.2 13.8#

130 2.7 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

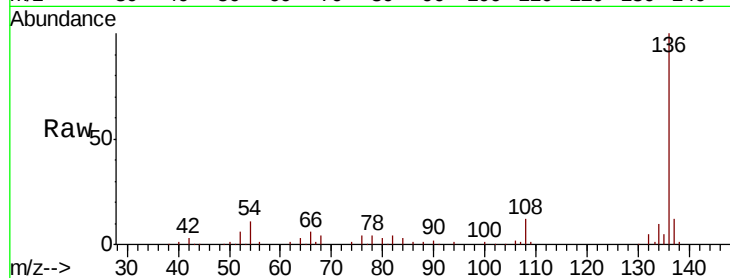




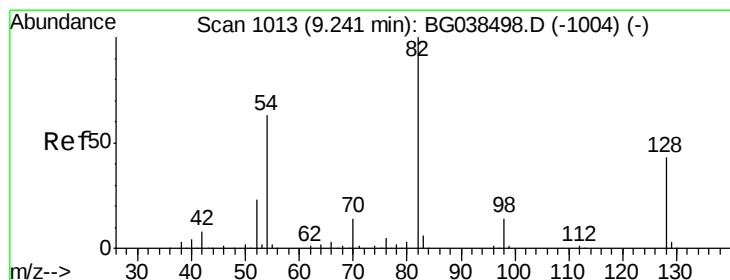
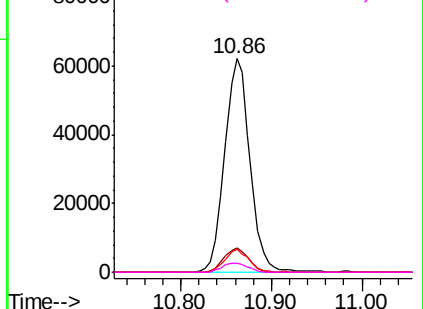
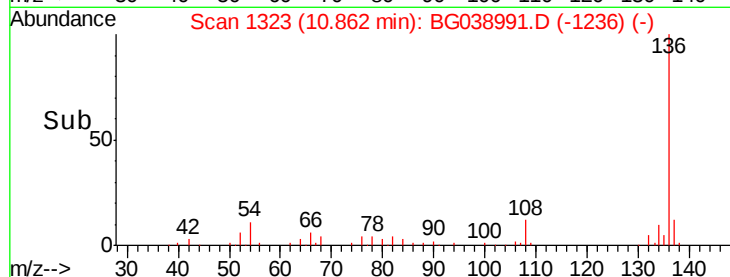
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG038991.D
Acq: 8 Jan 2019 11:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	119923
Ion	Ratio	Lower Upper
136	100	
137	11.6	9.3 13.9
54	10.6	8.5 12.7
68	4.0	3.5 5.3

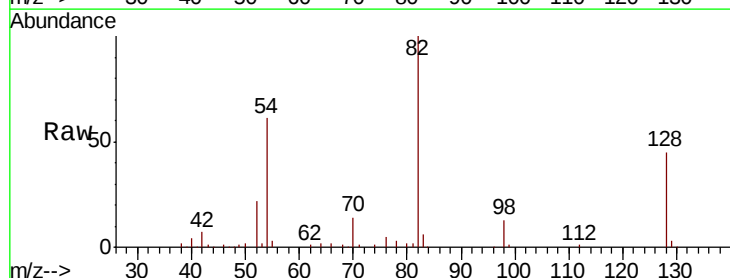


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

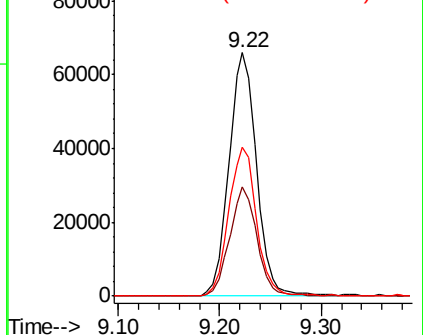
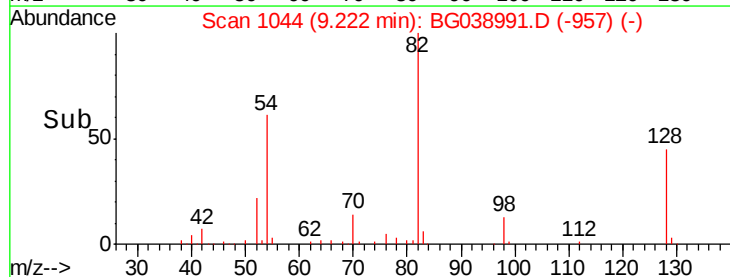


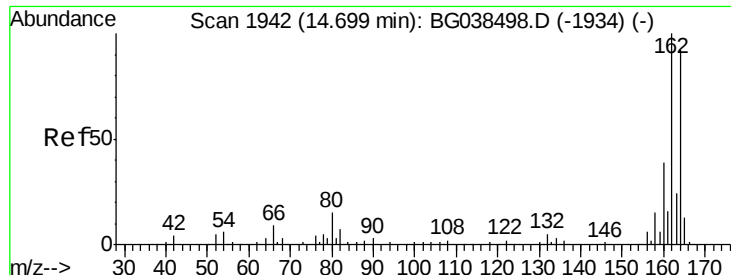
#23
Nitrobenzene-d5
Concen: 52.961 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG038991.D
Acq: 8 Jan 2019 11:34

Tgt Ion: 82	Resp:	124321
Ion	Ratio	Lower Upper
82	100	
128	45.1	34.6 52.0
54	61.4	50.6 76.0



Abundance Ion 82.00 (81.70 to 82.70): BG
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BG





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.02 min

Lab File: BG038991.D

Acq: 8 Jan 2019 11:34

Instrument :

BNA_G

ClientSampleId :

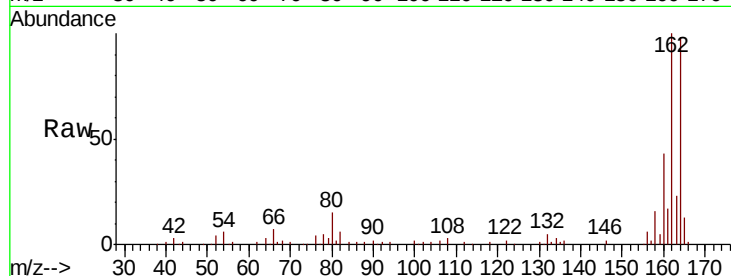
Tot Ion:164 Resp: 78933

Ion Ratio Lower Upper

164 100

162 102.4 86.6 130.0

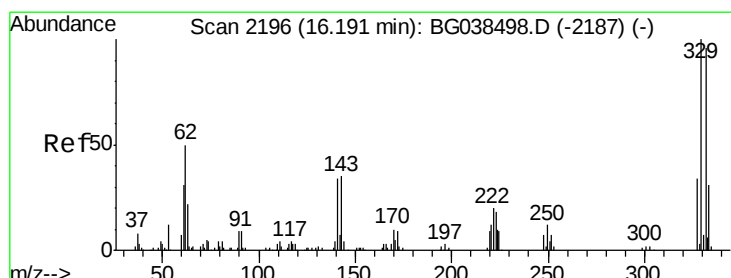
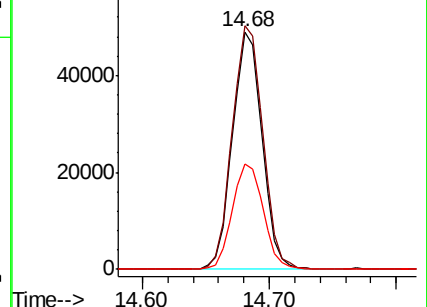
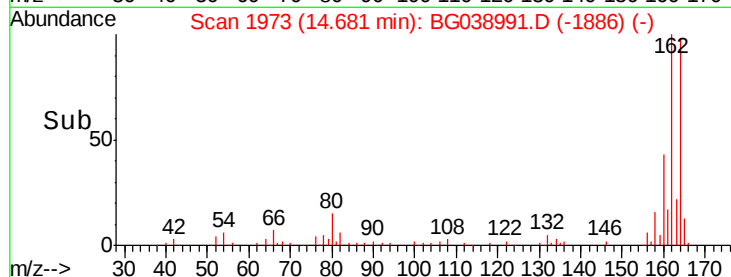
160 44.2 34.2 51.2



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: 82.176 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.02 min

Lab File: BG038991.D

Acq: 8 Jan 2019 11:34

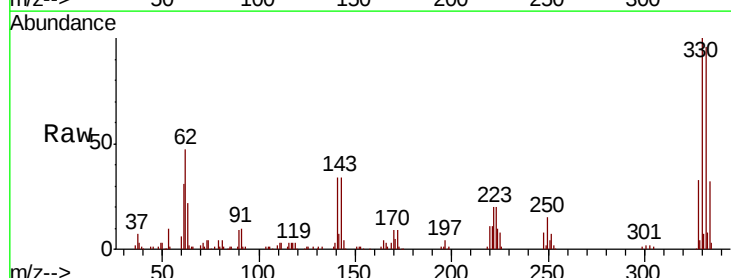
Tgt Ion:330 Resp: 89394

Ion Ratio Lower Upper

330 100

332 96.6 76.9 115.3

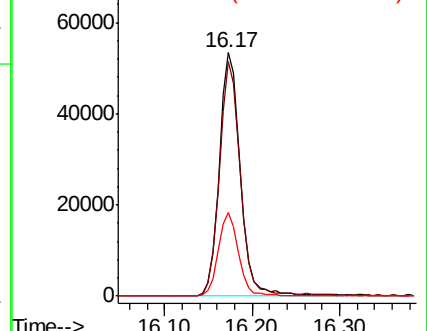
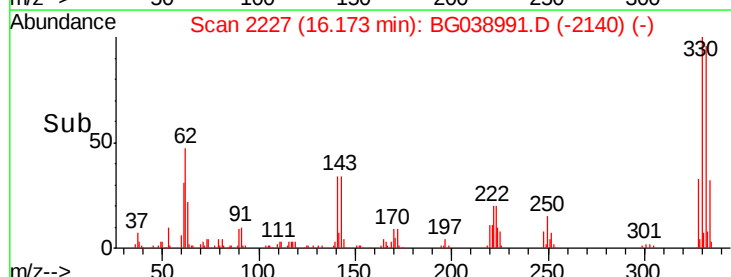
141 32.7 28.8 43.2



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

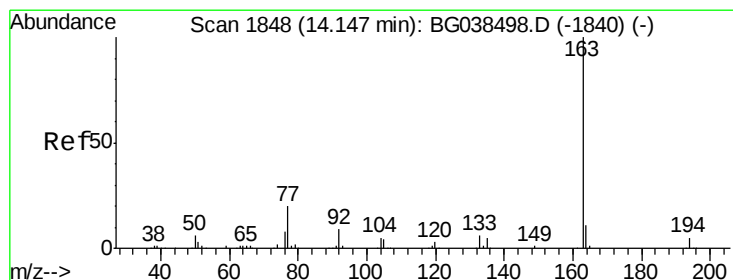
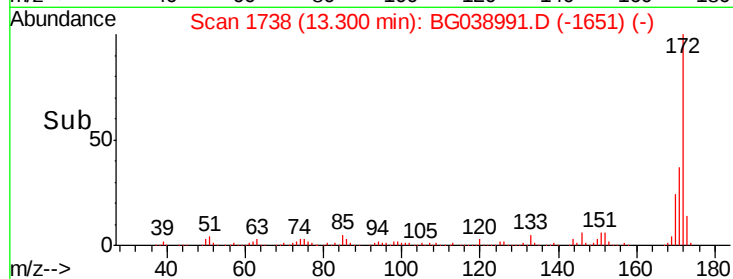
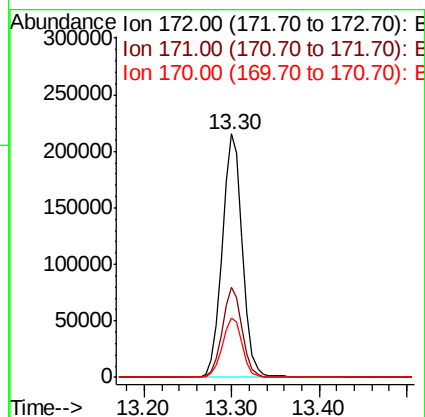
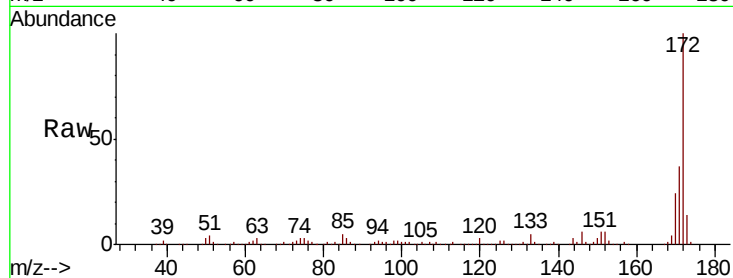




#45
 2-Fluorobiphenyl
 Concen: 59.761 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.02 min
 Lab File: BG038991.D
 Acq: 8 Jan 2019 11:34

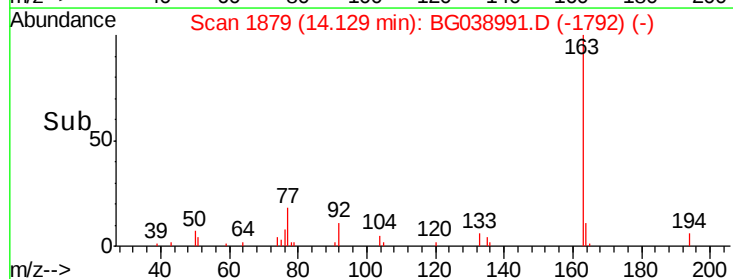
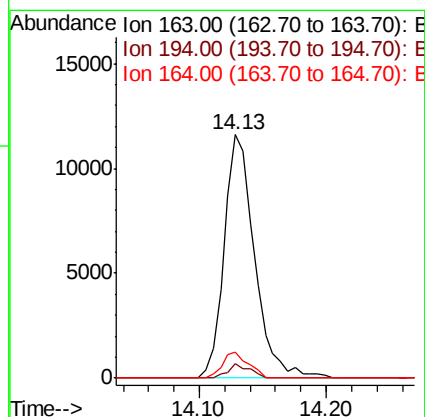
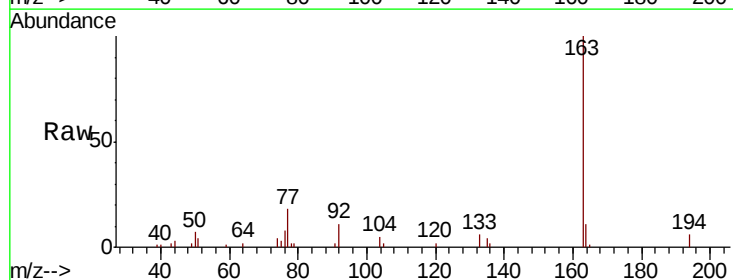
Instrument :
 BNA_G
 ClientSampleId :

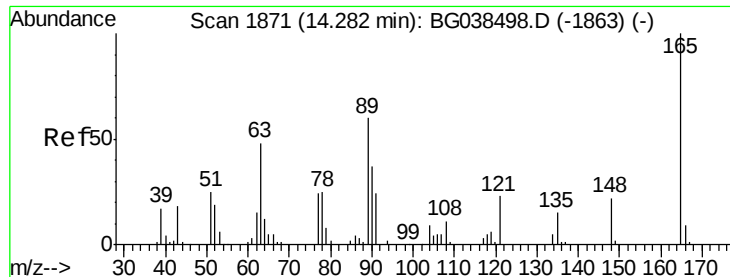
Tot Ion:172 Resp: 343852
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.8 44.6
 170 24.4 19.5 29.3



#50
 Dimethylphthalate
 Concen: 2.986 ng
 RT: 14.13 min Scan# 1879
 Delta R.T. -0.02 min
 Lab File: BG038991.D
 Acq: 8 Jan 2019 11:34

Tgt Ion:163 Resp: 19248
 Ion Ratio Lower Upper
 163 100
 194 6.0 3.7 5.5#
 164 10.7 8.6 12.8

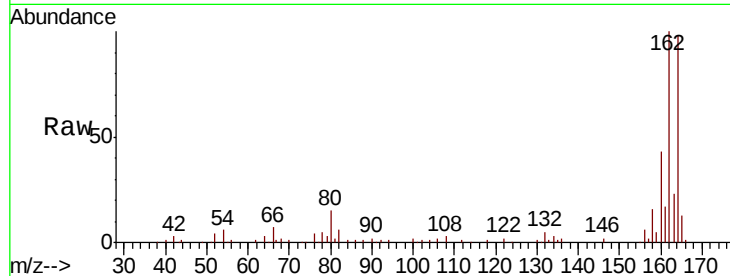




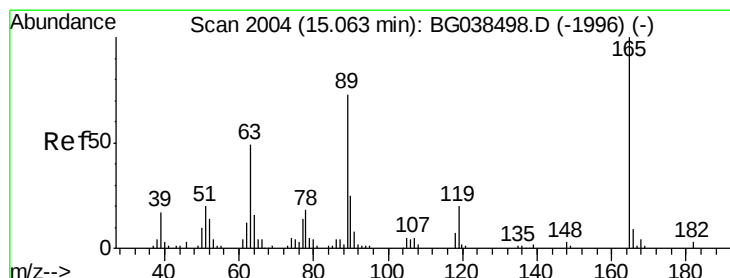
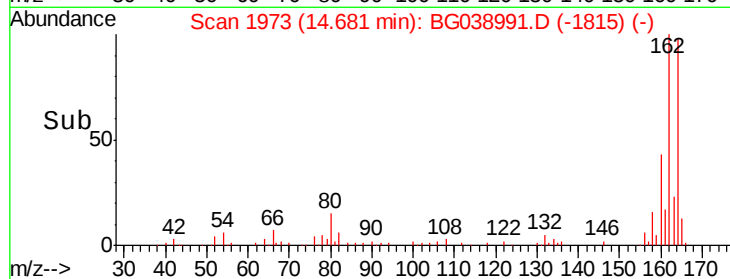
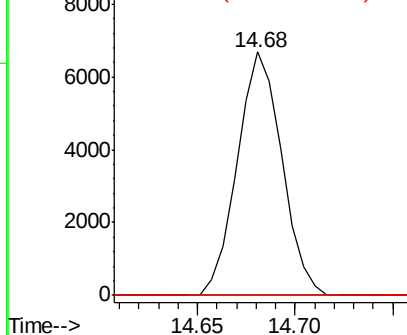
#51
 2,6-Dinitrotoluene
 Concen: 7.219 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. 0.40 min
 Lab File: BG038991.D
 Acq: 8 Jan 2019 11:34

Instrument :
 BNA_G
 ClientSampleId :

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

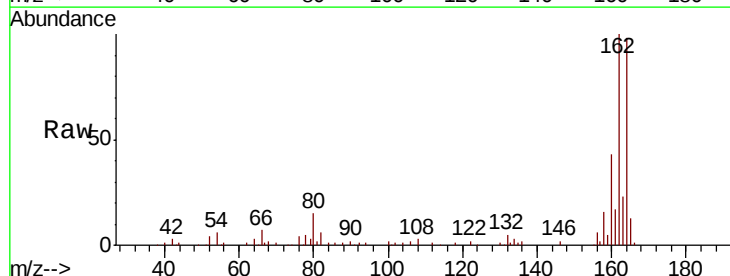


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

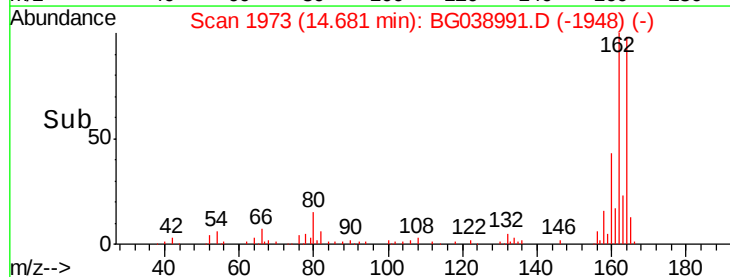
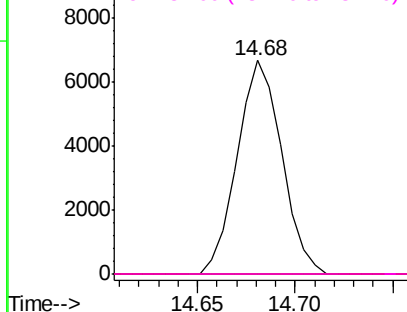


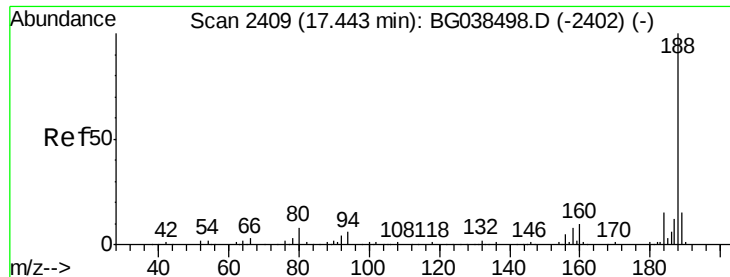
#57
 2,4-Dinitrotoluene
 Concen: 5.125 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.38 min
 Lab File: BG038991.D
 Acq: 8 Jan 2019 11:34

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.0	58.4#
89	0.0	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

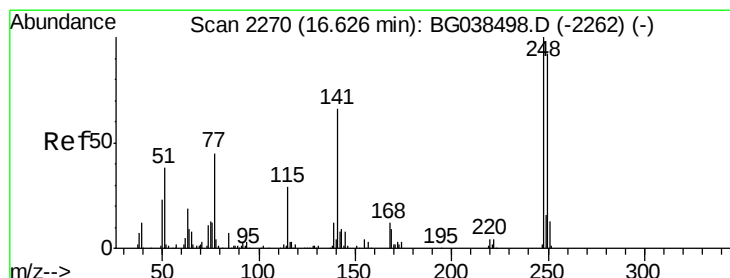
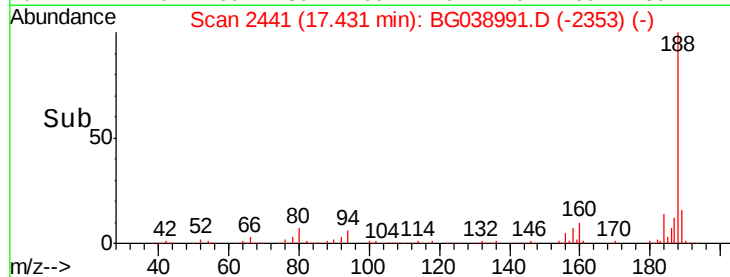
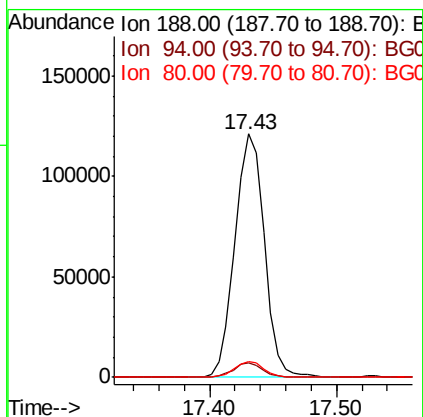
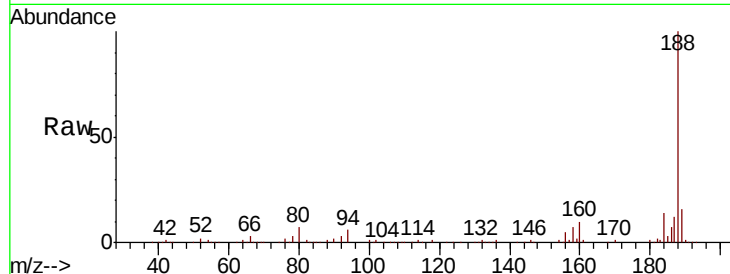




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2441
 Delta R.T. -0.01 min
 Lab File: BG038991.D
 Acq: 8 Jan 2019 11:34

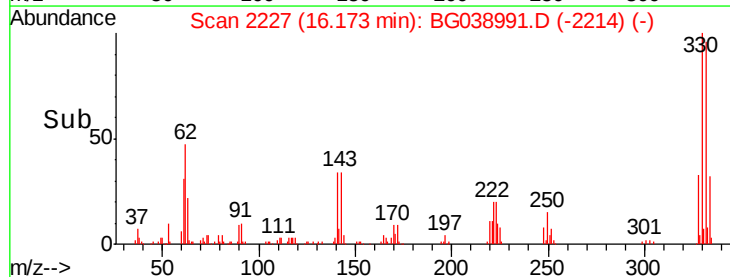
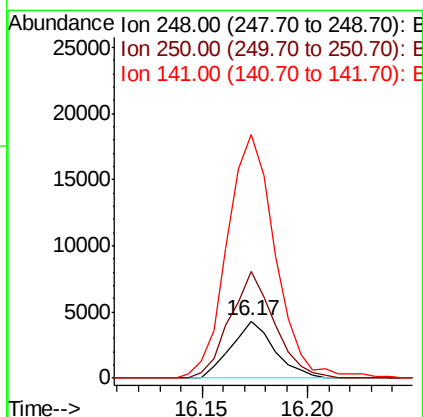
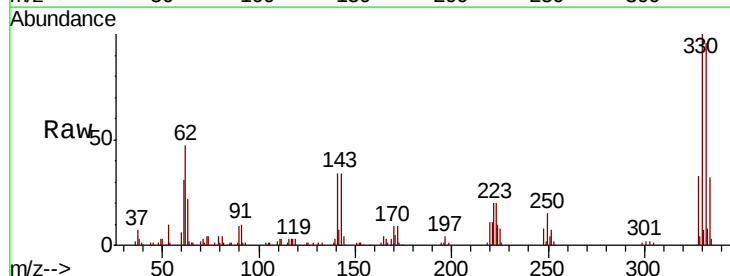
Instrument :
 BNA_G
 ClientSampleId :

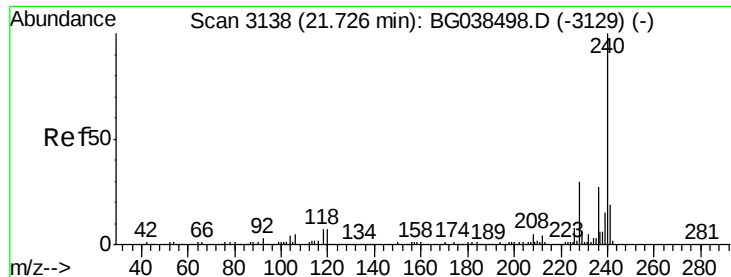
Tot Ion:188 Resp: 194764
 Ion Ratio Lower Upper
 188 100
 94 5.8 5.1 7.7
 80 6.5 6.1 9.1



#67
 4-Bromophenyl-phenylether
 Concen: 2.557 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.45 min
 Lab File: BG038991.D
 Acq: 8 Jan 2019 11:34

Tgt Ion:248 Resp: 6082
 Ion Ratio Lower Upper
 248 100
 250 193.1 73.4 110.2#
 141 343.2 52.9 79.3#

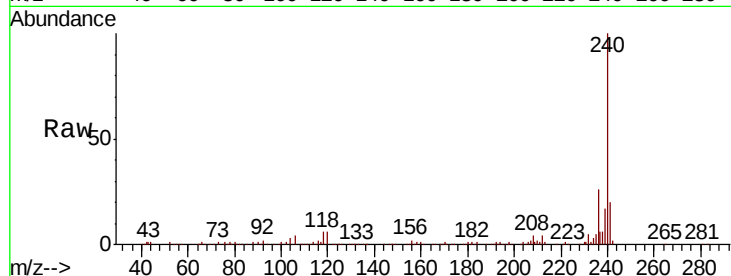




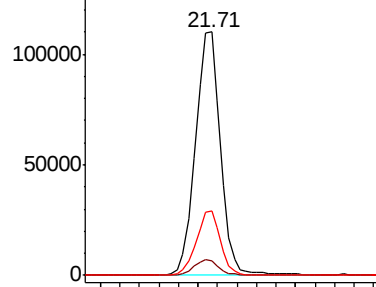
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3170
Delta R.T. -0.01 min
Lab File: BG038991.D
Acq: 8 Jan 2019 11:34

Instrument :
BNA_G
ClientSampled :

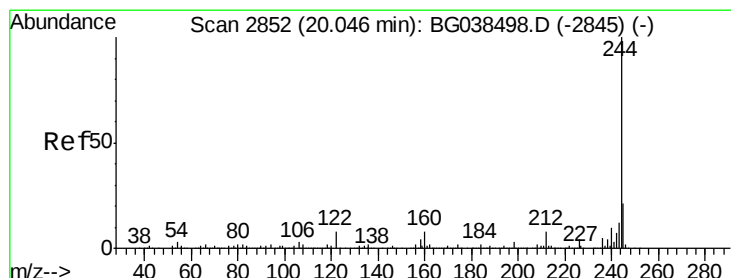
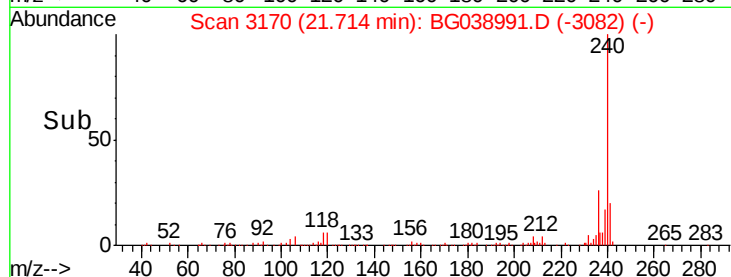
Tot Ion:240 Resp: 195293
Ion Ratio Lower Upper
240 100
120 6.2 5.3 7.9
236 26.3 21.4 32.2



Abundance Ion 240.00 (239.70 to 240.70): E
150000 Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

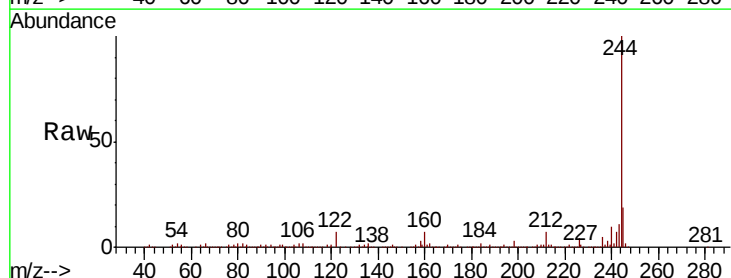


Time--> 21.60 21.70 21.80

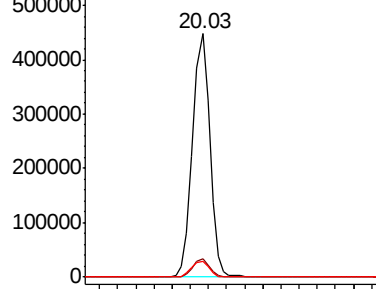


#79
Terphenyl-d14
Concen: 66.479 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.01 min
Lab File: BG038991.D
Acq: 8 Jan 2019 11:34

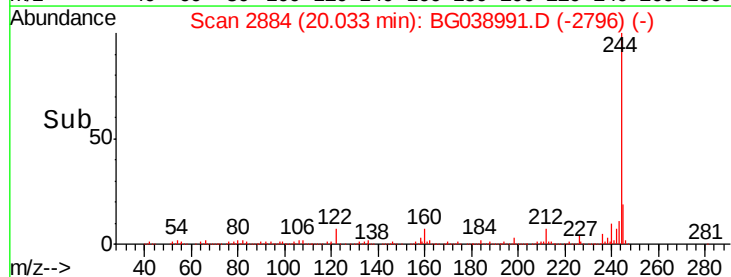
Tgt Ion:244 Resp: 596546
Ion Ratio Lower Upper
244 100
212 7.3 6.2 9.2
122 6.7 6.3 9.5

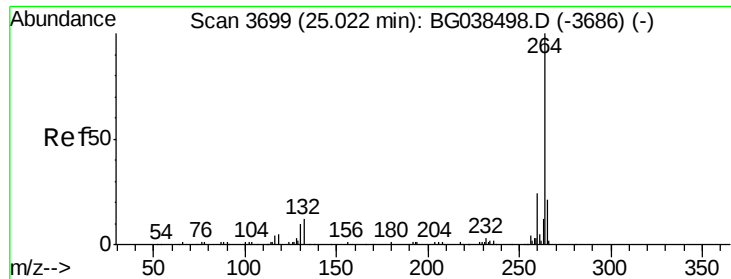


Abundance Ion 244.00 (243.70 to 244.70): E
600000 Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time--> 20.00 20.10 20.20





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.00 min Scan# 3730
Delta R.T. -0.02 min
Lab File: BG038991.D
Acq: 8 Jan 2019 11:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.9	28.3
265	20.6	17.0	25.4

