

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092618\
 Data File : BG036995.D
 Acq On : 26 Sep 2018 23:43
 Operator : JU/SJ
 Sample : PB113238BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 27 08:09:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

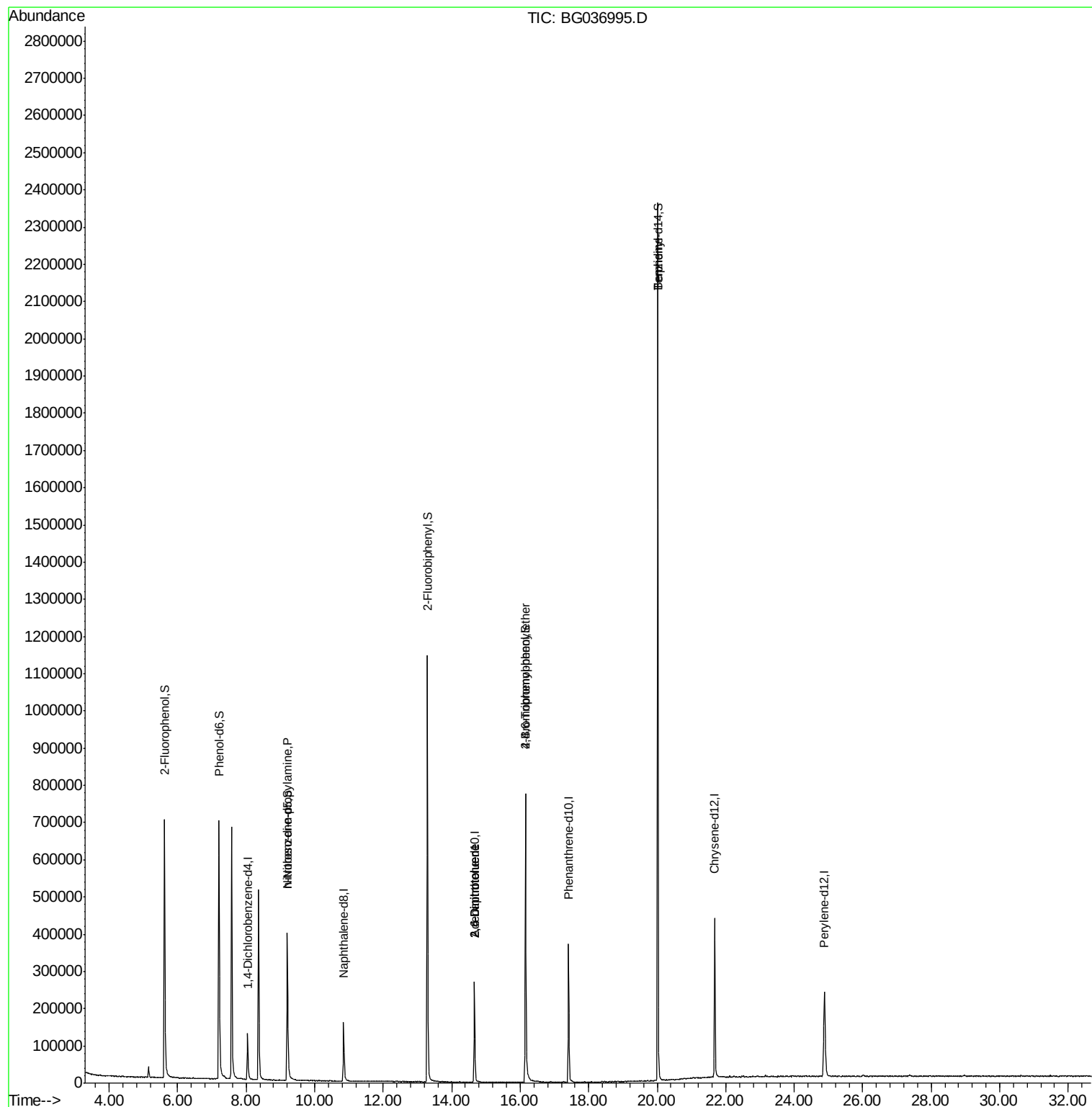
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	39470	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	163172	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	101682	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	273391	20.00	ng	0.00
75) Chrysene-d12	21.68	240	287304	20.00	ng	0.00
86) Perylene-d12	24.89	264	280976	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	324476	157.66	ng	0.00
7) Phenol-d6	7.20	99	443383	139.24	ng	0.00
23) Nitrobenzene-d5	9.20	82	297878	97.76	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	168591	138.58	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	644166	94.35	ng	0.00
78) Terphenyl-d14	20.02	244	1171936	107.26	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	38436	14.510	ng	# 77
50) 2,6-Dinitrotoluene	14.66	165	13252	7.421	ng	# 22
56) 2,4-Dinitrotoluene	14.66	165	13252	5.318	ng	# 20
66) 4-Bromophenyl-phenylether	16.16	248	11721	3.769	ng	# 1
76) Benzidine	20.02	184	20264	2.333	ng	# 94

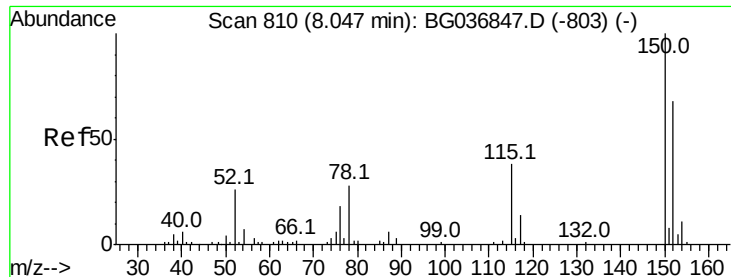
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092618\
Data File : BG036995.D
Acq On : 26 Sep 2018 23:43
Operator : JU/SJ
Sample : PB113238BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 27 08:09:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 10:41:23 2018
Response via : Initial Calibration



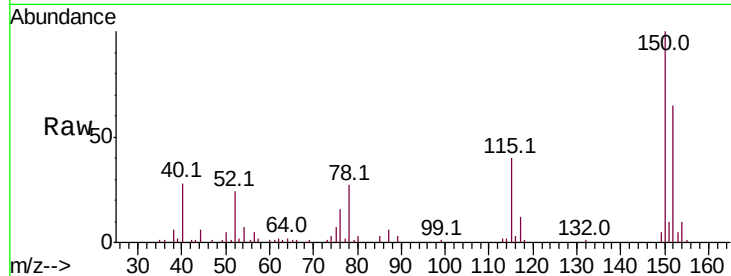


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.00 min
Lab File: BG036995.D
Acq: 26 Sep 2018 23:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	119.5	179.3
115	61.8	44.5	66.7

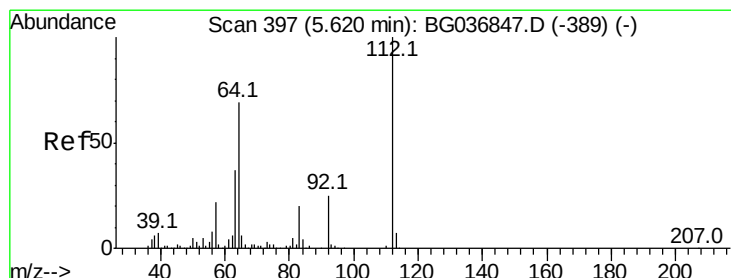
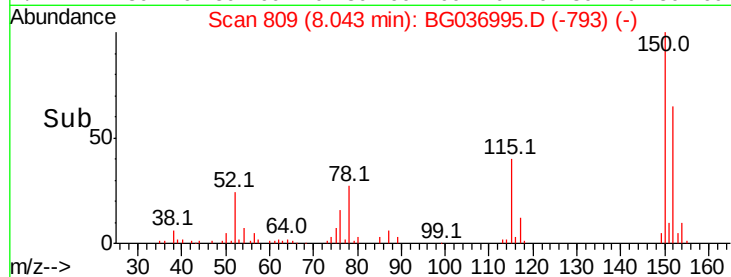
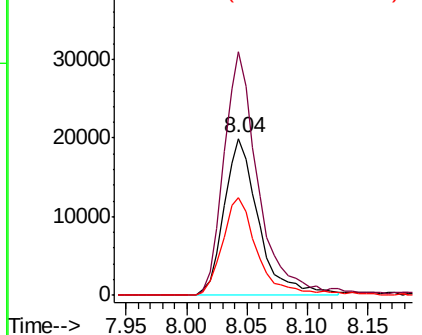


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

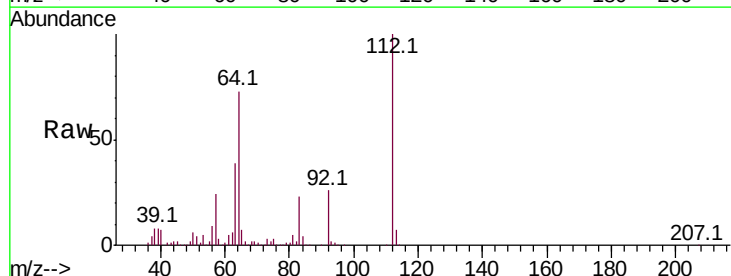
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 157.658 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG036995.D
Acq: 26 Sep 2018 23:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.2	57.2	85.8
63	38.7	30.8	46.2

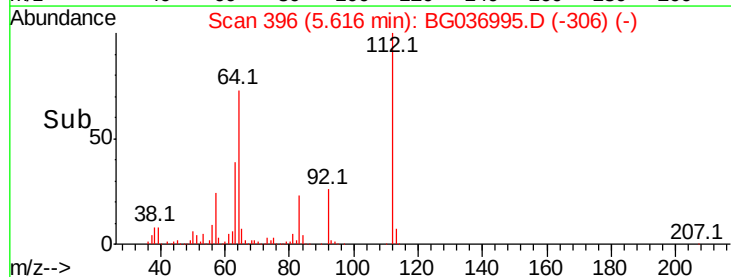
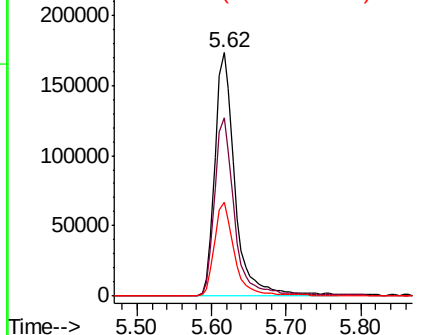


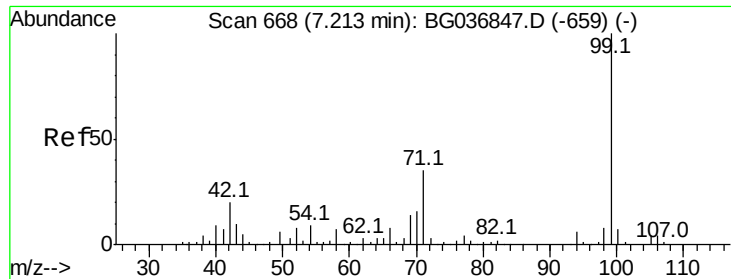
Abundance

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: 139.243 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036995.D

Acq: 26 Sep 2018 23:43

Instrument :

BNA_G

ClientSampled :

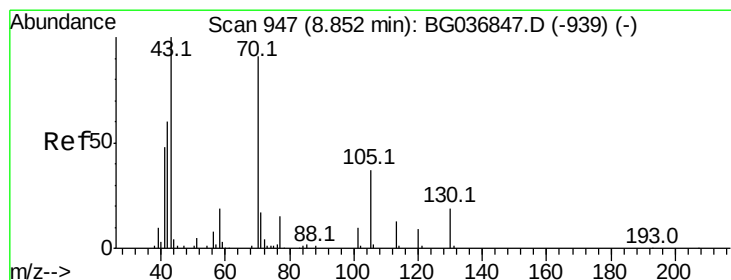
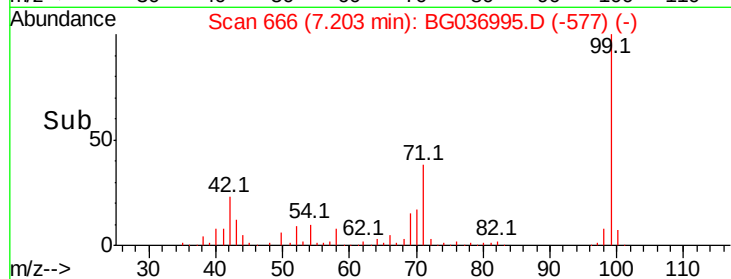
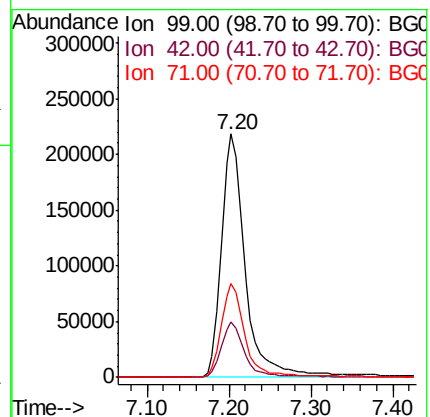
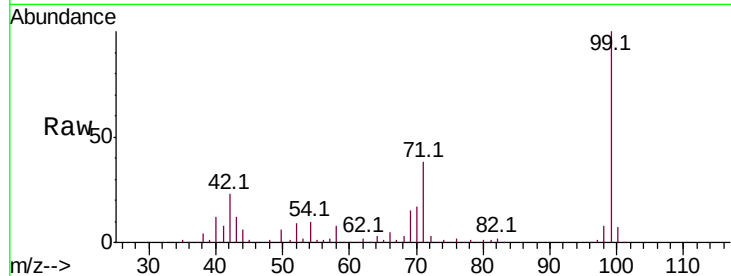
Tot Ion: 99 Resp: 443383

Ion Ratio Lower Upper

99 100

42 23.0 16.5 24.7

71 38.4 29.4 44.2



#19

n-Nitroso-di-n-propylamine

Concen: 14.510 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.35 min

Lab File: BG036995.D

Acq: 26 Sep 2018 23:43

Tgt Ion: 70 Resp: 38436

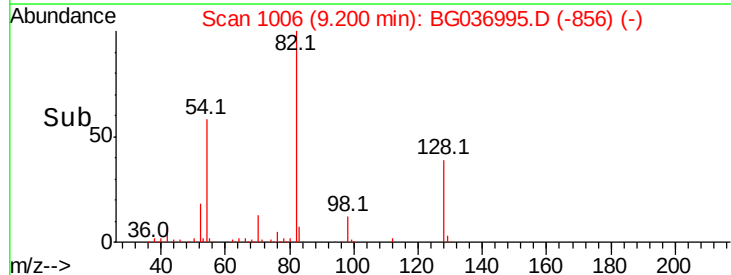
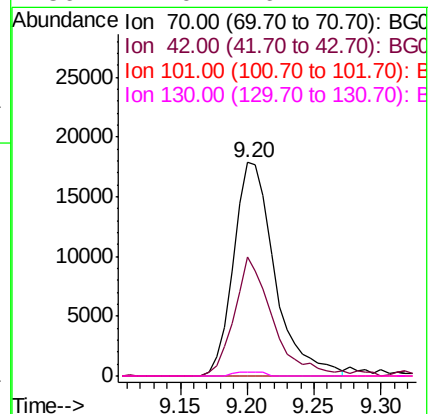
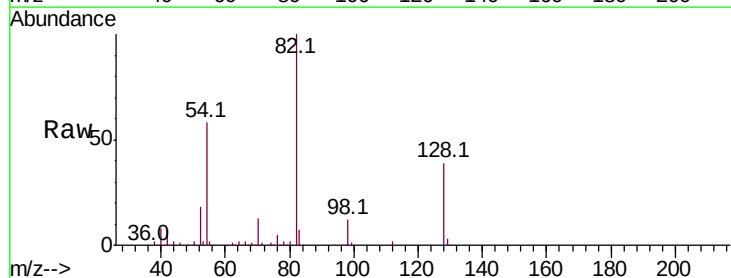
Ion Ratio Lower Upper

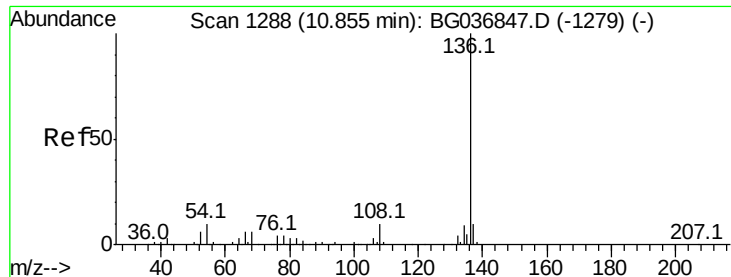
70 100

42 55.5 56.2 84.4#

101 0.0 7.8 11.6#

130 2.0 16.2 24.2#

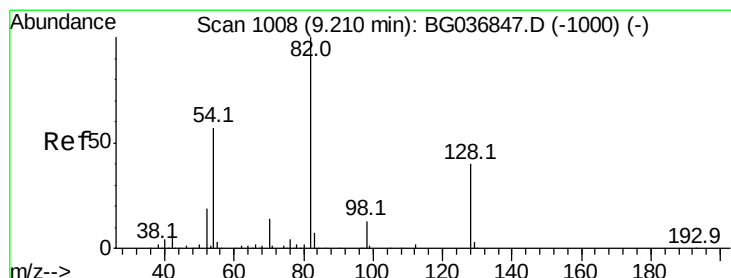
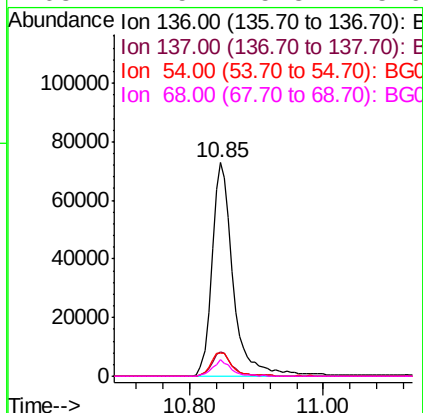
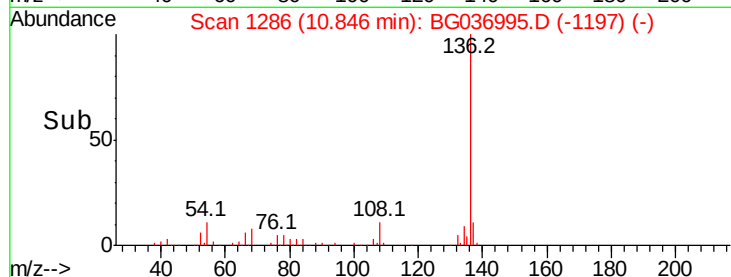
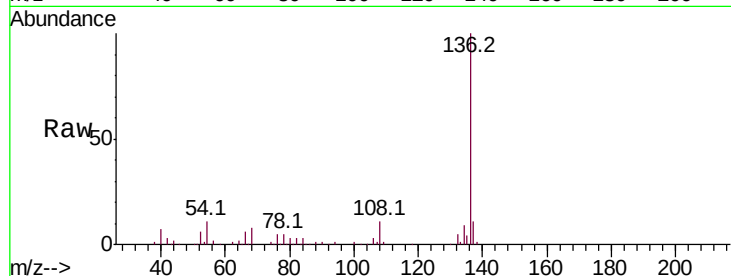




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG036995.D
Acq: 26 Sep 2018 23:43

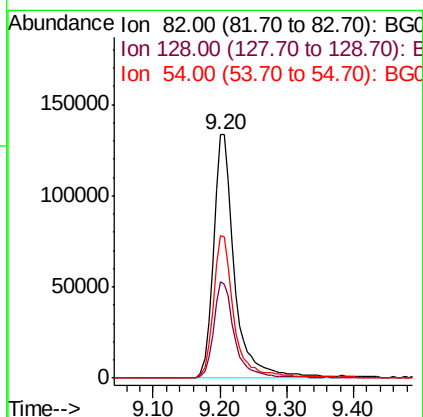
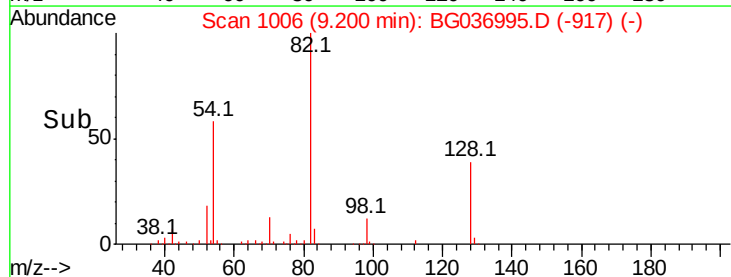
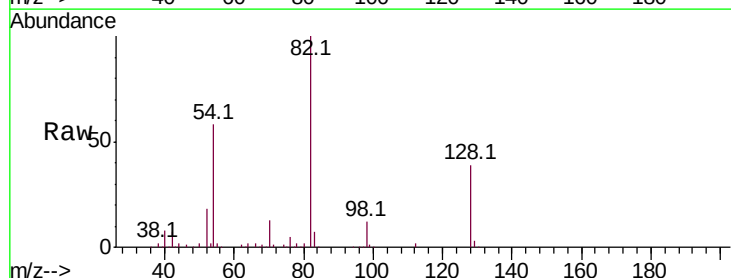
Instrument :
BNA_G
ClientSampleId :

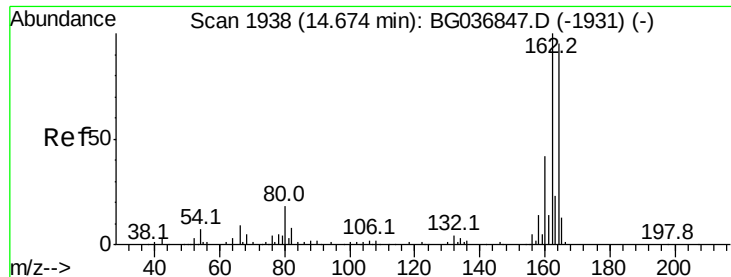
Tot Ion:136	Resp:	163172
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.8 13.2
54	10.7	9.2 13.8
68	7.5	5.8 8.6



#23
Nitrobenzene-d5
Concen: 97.760 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG036995.D
Acq: 26 Sep 2018 23:43

Tgt Ion: 82	Resp:	297878
Ion	Ratio	Lower Upper
82	100	
128	39.5	33.3 49.9
54	58.3	45.1 67.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BG036995.D

Acq: 26 Sep 2018 23:43

Instrument :

BNA_G

ClientSampleId :

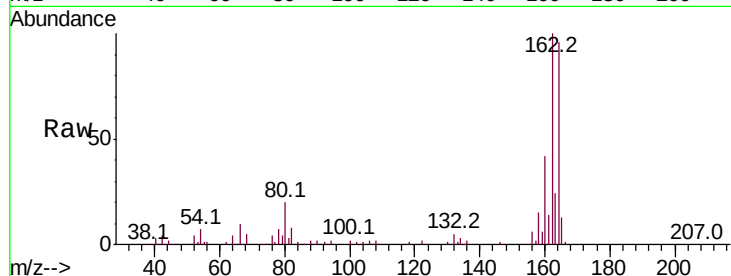
Tot Ion:164 Resp: 101682

Ion Ratio Lower Upper

164 100

162 104.0 80.7 121.1

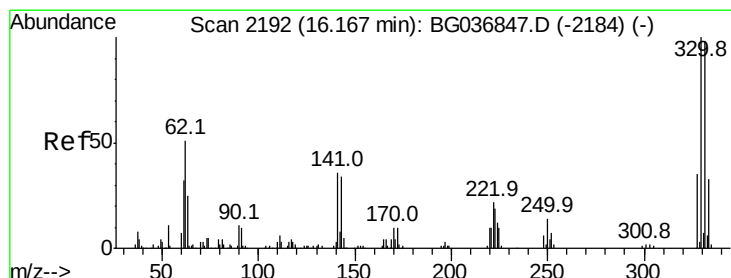
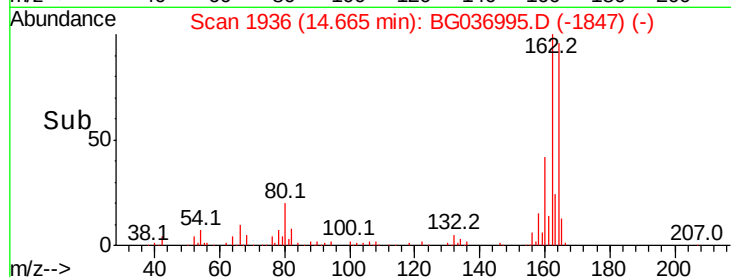
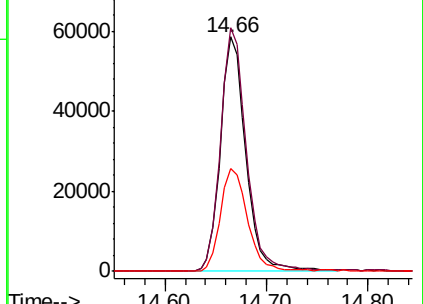
160 44.1 35.3 52.9



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



#41

2,4,6-Tribromophenol

Concen: 138.580 ng

RT: 16.16 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG036995.D

Acq: 26 Sep 2018 23:43

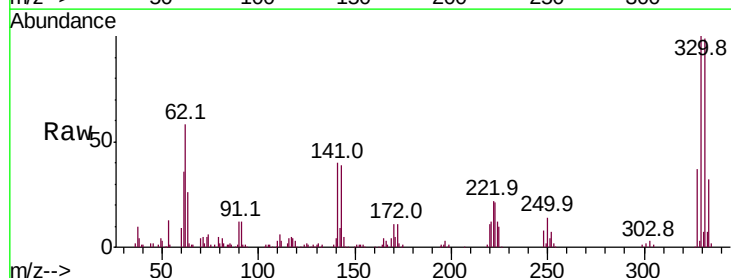
Tgt Ion:330 Resp: 168591

Ion Ratio Lower Upper

330 100

332 95.8 75.4 113.2

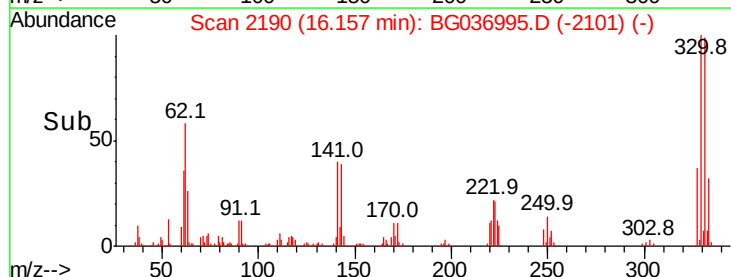
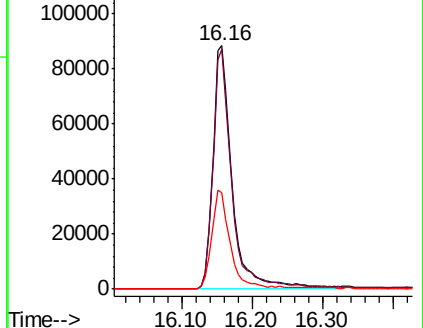
141 39.5 30.7 46.1

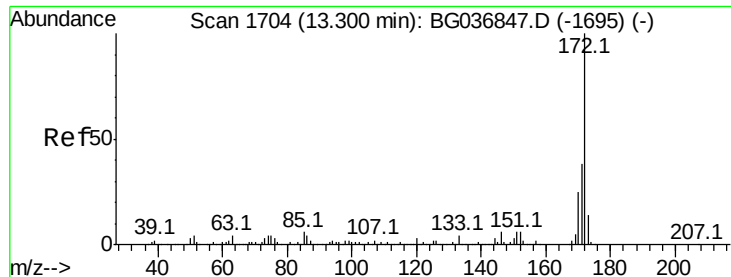


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

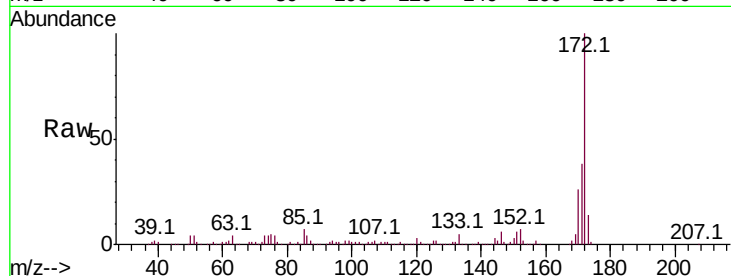




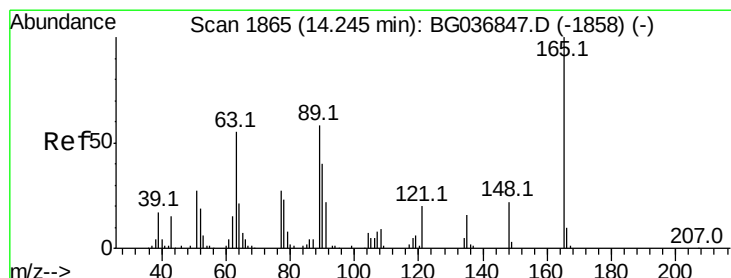
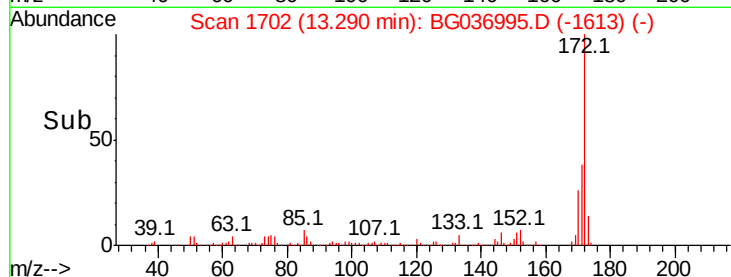
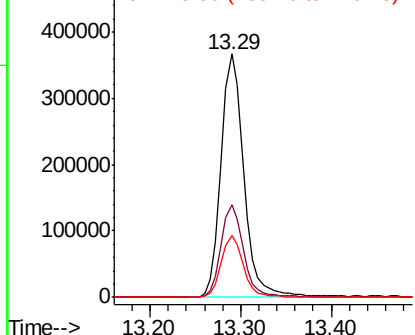
#44
 2-Fluorobiphenyl
 Concen: 94.354 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG036995.D
 Acq: 26 Sep 2018 23:43

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:172 Resp: 644166
 Ion Ratio Lower Upper
 172 100
 171 37.8 31.3 46.9
 170 25.6 21.0 31.6

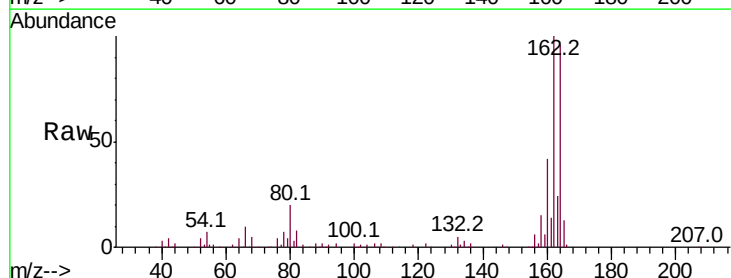


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

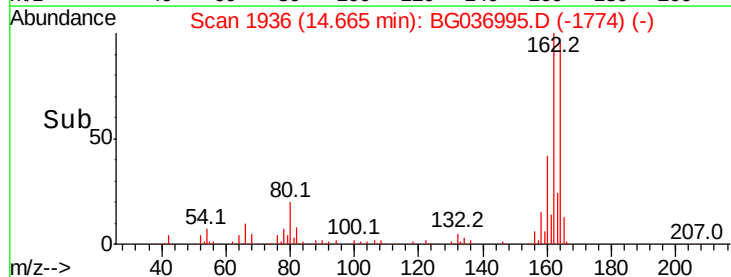
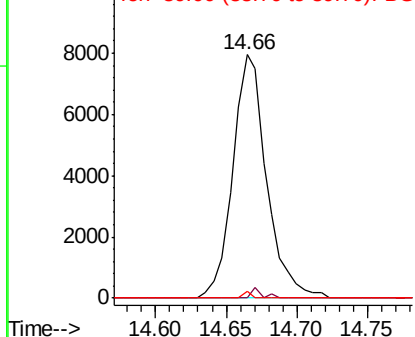


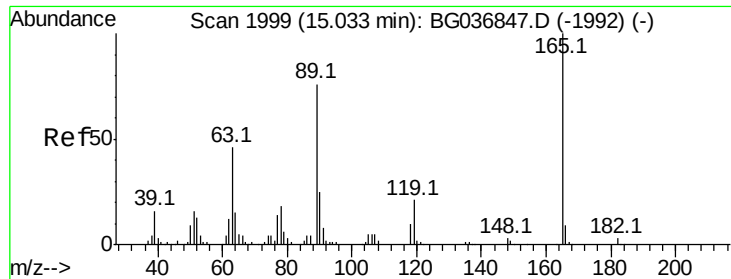
#50
 2,6-Dinitrotoluene
 Concen: 7.421 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. 0.42 min
 Lab File: BG036995.D
 Acq: 26 Sep 2018 23:43

Tgt Ion:165 Resp: 13252
 Ion Ratio Lower Upper
 165 100
 63 0.0 50.1 75.1#
 89 2.8 47.8 71.6#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG0
 Ion 89.00 (88.70 to 89.70): BG0

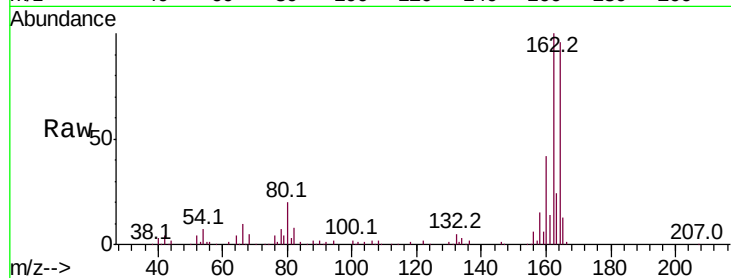




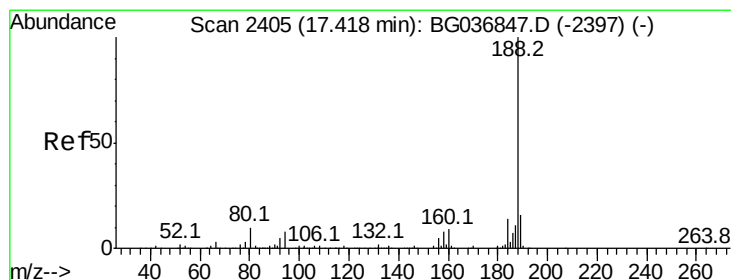
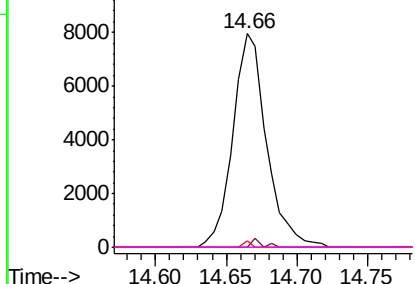
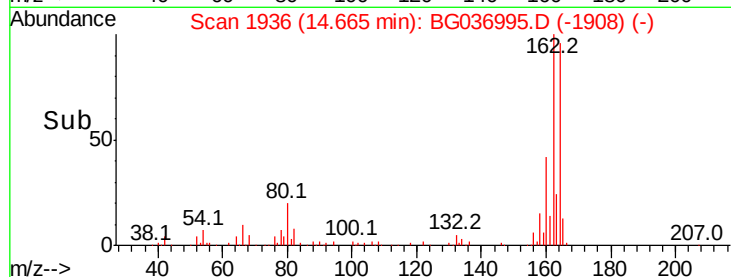
#56
 2,4-Dinitrotoluene
 Concen: 5.318 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. -0.37 min
 Lab File: BG036995.D
 Acq: 26 Sep 2018 23:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 13252
 Ion Ratio Lower Upper
 165 100
 63 0.0 40.1 60.1#
 89 2.8 63.7 95.5#
 182 0.0 2.5 3.7#

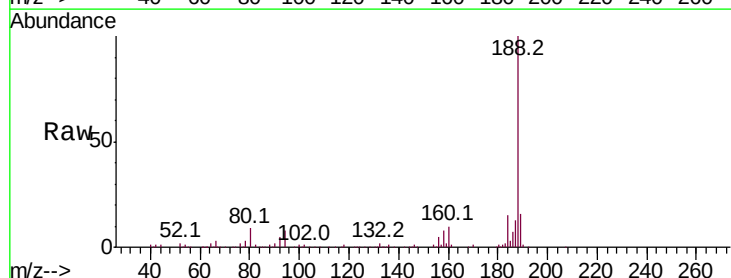


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

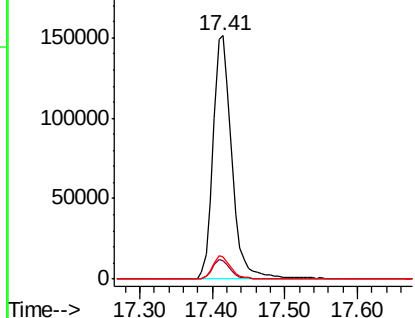
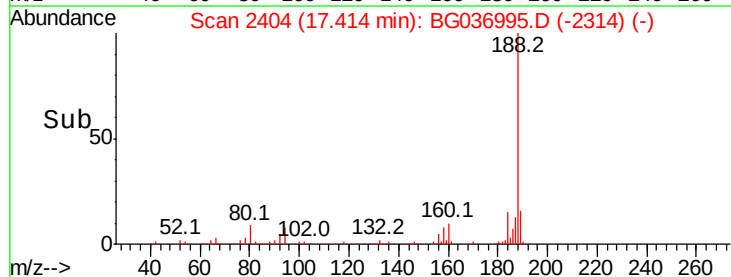


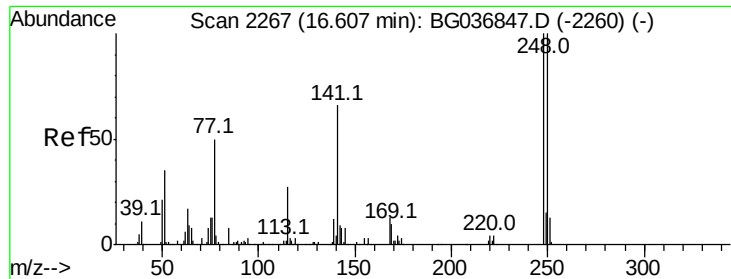
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2404
 Delta R.T. -0.00 min
 Lab File: BG036995.D
 Acq: 26 Sep 2018 23:43

Tgt Ion:188 Resp: 273391
 Ion Ratio Lower Upper
 188 100
 94 7.7 6.7 10.1
 80 9.1 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

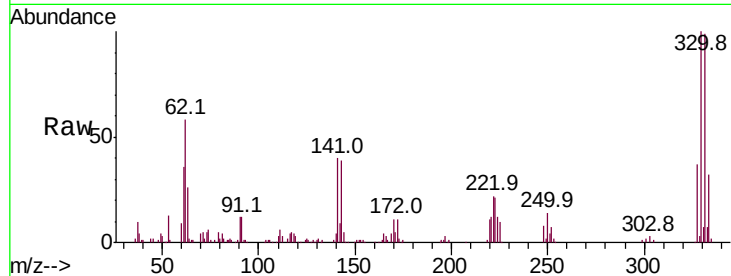




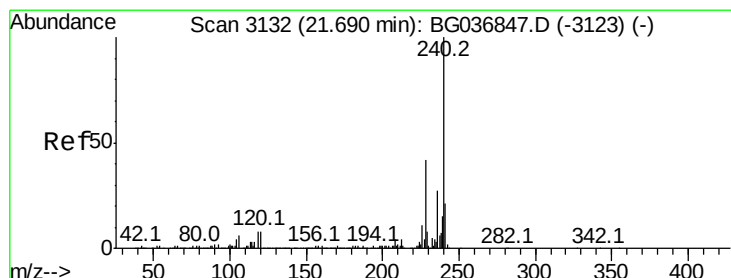
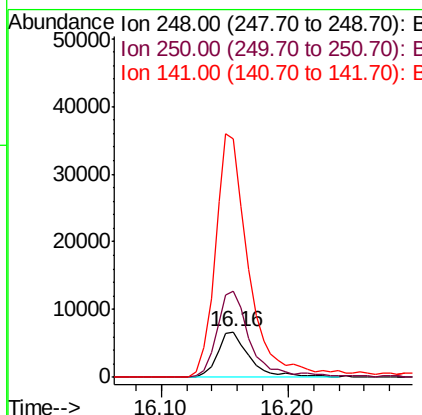
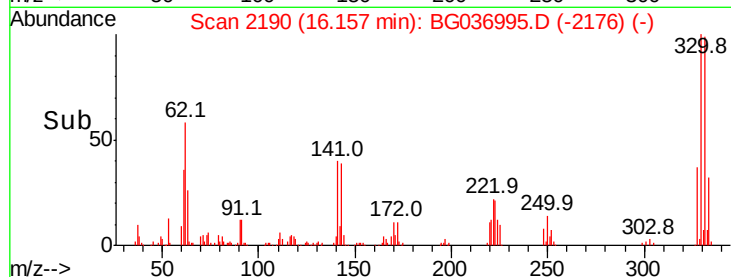
#66
 4-Bromophenyl-phenylether
 Concen: 3.769 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.45 min
 Lab File: BG036995.D
 Acq: 26 Sep 2018 23:43

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 11721
 Ion Ratio Lower Upper
 248 100
 250 190.8 78.1 117.1#
 141 526.6 53.7 80.5#

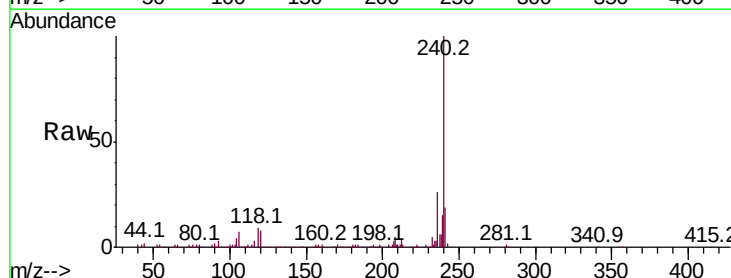


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

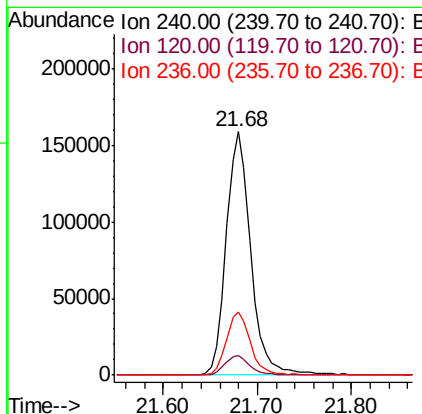
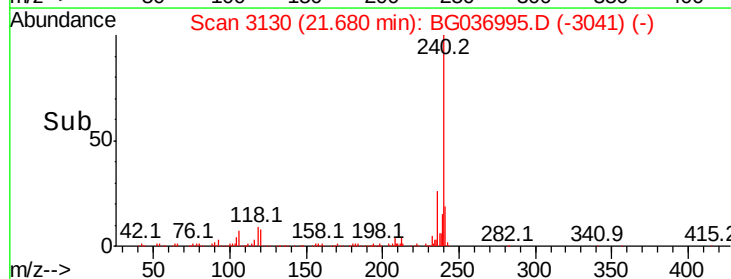


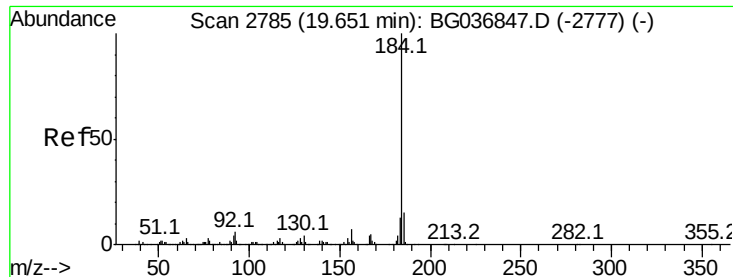
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3130
 Delta R.T. -0.01 min
 Lab File: BG036995.D
 Acq: 26 Sep 2018 23:43

Tgt Ion:240 Resp: 287304
 Ion Ratio Lower Upper
 240 100
 120 8.1 6.9 10.3
 236 26.0 21.2 31.8



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





#76

Benzidine

Concen: 2.333 ng

RT: 20.02 min Scan# 2847

Delta R.T. 0.37 min

Lab File: BG036995.D

Acq: 26 Sep 2018 23:43

Instrument :

BNA_G

ClientSampleId :

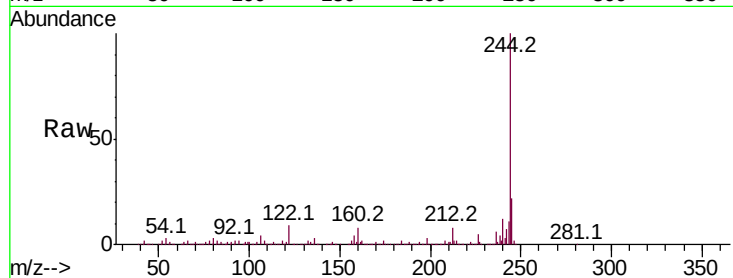
Tot Ion:184 Resp: 20264

Ion Ratio Lower Upper

184 100

185 16.2 12.6 18.8

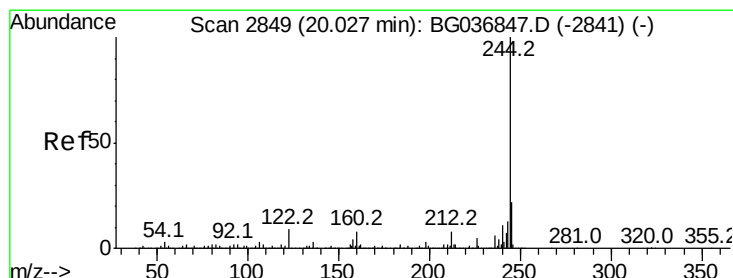
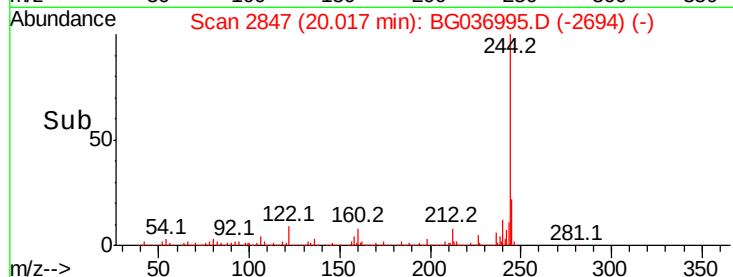
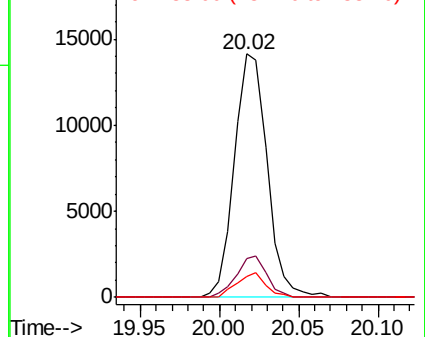
183 8.7 10.9 16.3#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 107.259 ng

RT: 20.02 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG036995.D

Acq: 26 Sep 2018 23:43

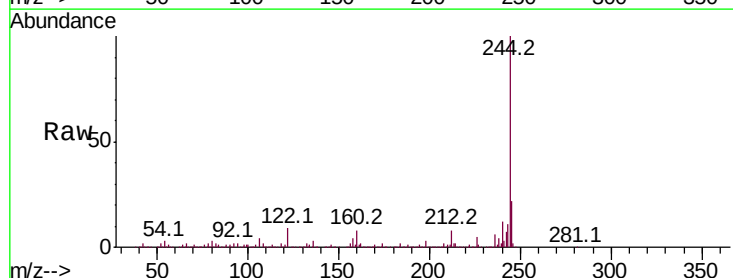
Tgt Ion:244 Resp: 1171936

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.6

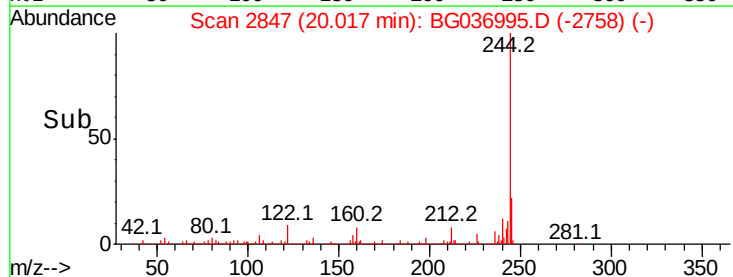
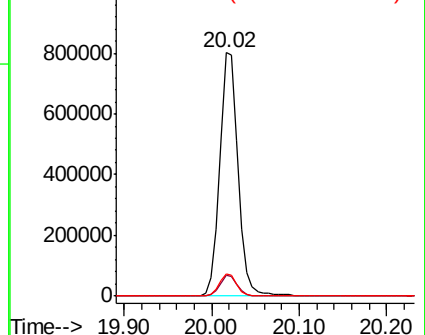
122 9.3 7.1 10.7

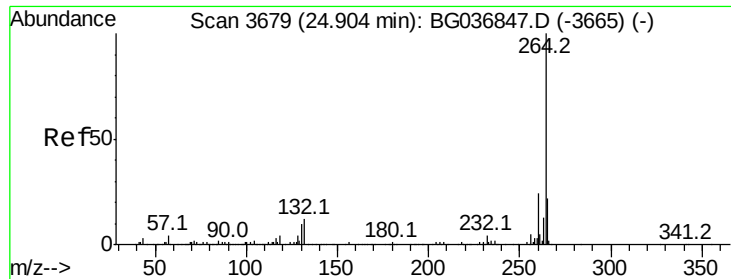


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3676
 Delta R.T. -0.02 min
 Lab File: BG036995.D
 Acq: 26 Sep 2018 23:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.6	29.4
265	22.2	17.4	26.0

