

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091818\
 Data File : BG036792.D
 Acq On : 18 Sep 2018 19:08
 Operator : JU/SJ
 Sample : J4941-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 19 05:53:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

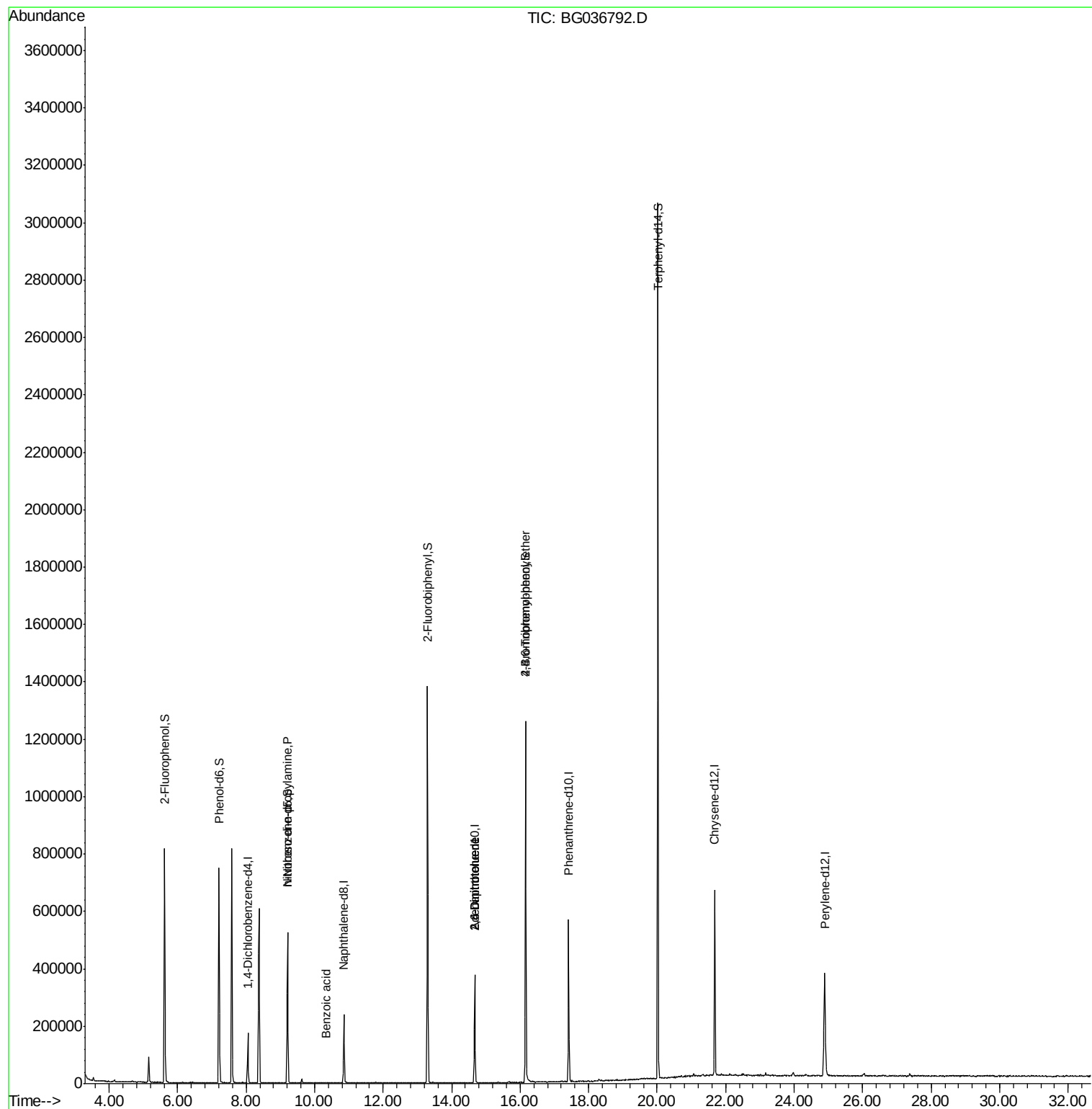
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	48896	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	194409	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	126705	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	357535	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	390789	20.00	ng	-0.01
86) Perylene-d12	24.89	264	394220	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	333118	108.07	ng	0.00
7) Phenol-d6	7.20	99	428950	97.20	ng	-0.01
23) Nitrobenzene-d5	9.21	82	317204	88.53	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	230415	152.40	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	715082	80.58	ng	-0.01
78) Terphenyl-d14	20.02	244	1392461	83.28	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	42862	12.995	ng	# 71
32) Benzoic acid	10.33	122	57	4.504	ng	# 1
50) 2,6-Dinitrotoluene	14.67	165	17034	8.001	ng	# 21
56) 2,4-Dinitrotoluene	14.67	165	17034	6.139	ng	# 19
66) 4-Bromophenyl-phenylether	16.16	248	16180	3.865	ng	# 1

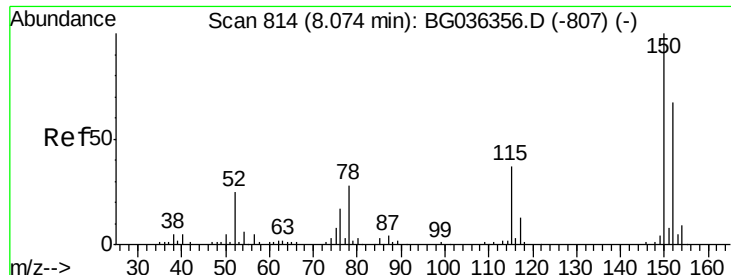
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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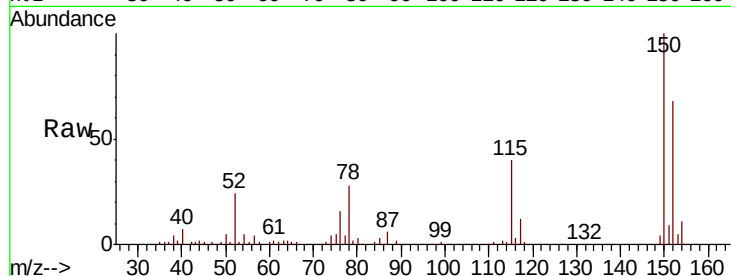


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.01 min
Lab File: BG036792.D
Acq: 18 Sep 2018 19:08

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.4	119.5	179.3
115	58.8	44.5	66.7

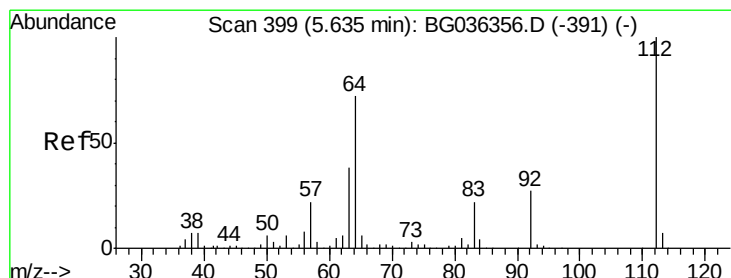
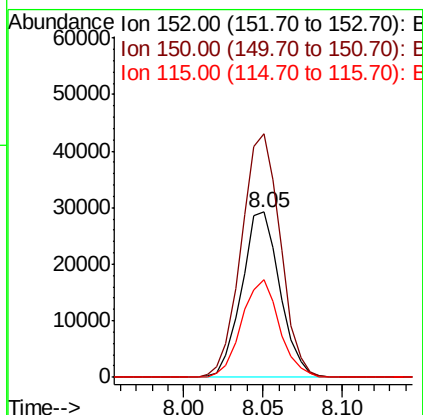
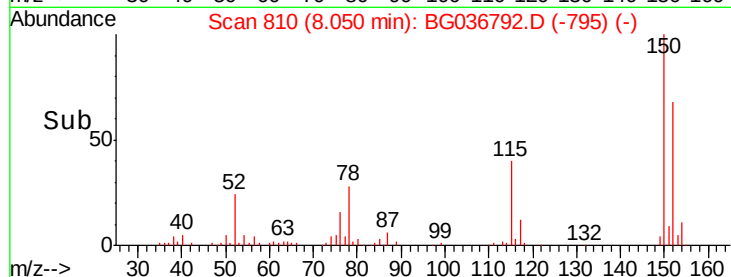


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

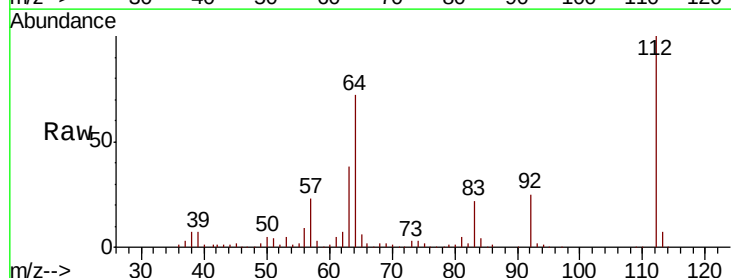
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 108.071 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG036792.D
Acq: 18 Sep 2018 19:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.5	57.2	85.8
63	37.5	30.8	46.2

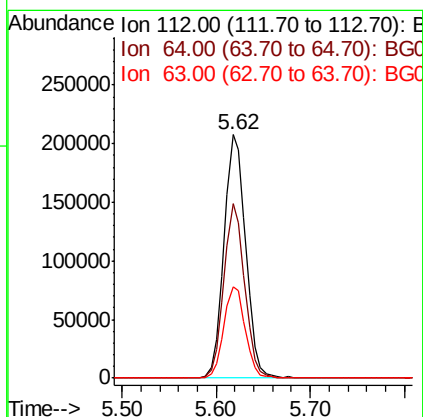
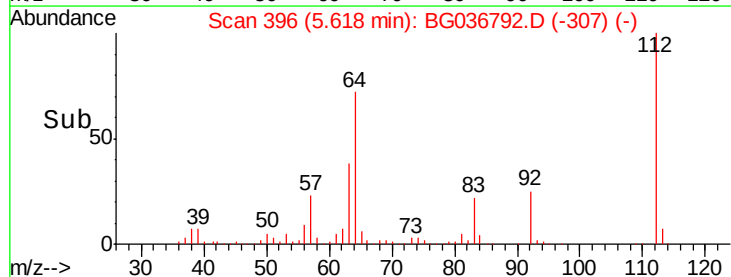


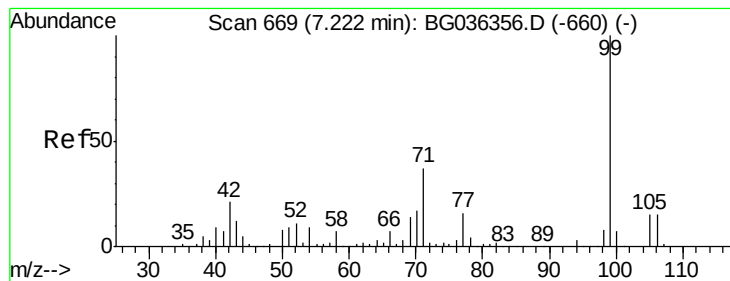
Abundance

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: 97.196 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036792.D

Acq: 18 Sep 2018 19:08

Instrument :

BNA_G

ClientSampleId :

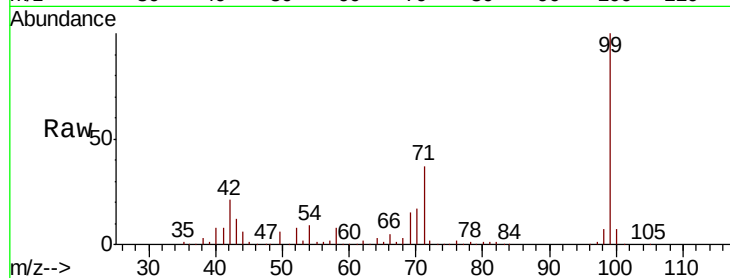
Tot Ion: 99 Resp: 428950

Ion Ratio Lower Upper

99 100

42 20.7 16.5 24.7

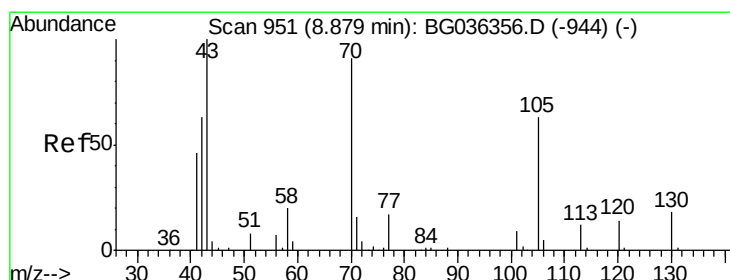
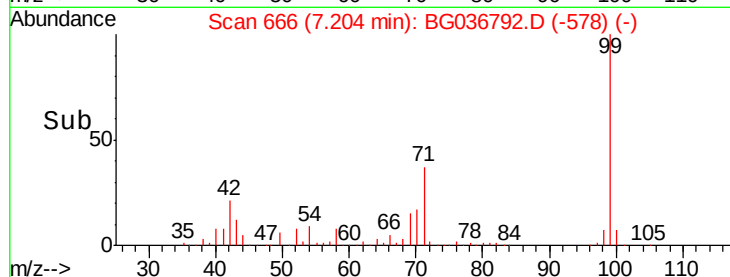
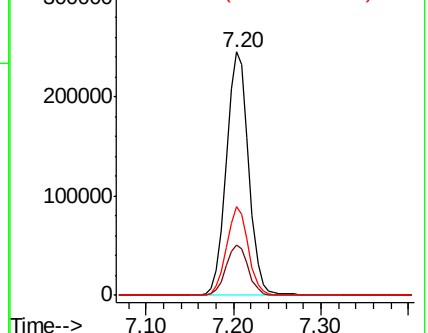
71 36.6 29.4 44.2



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: 12.995 ng

RT: 9.21 min Scan# 1007

Delta R.T. 0.35 min

Lab File: BG036792.D

Acq: 18 Sep 2018 19:08

Tgt Ion: 70 Resp: 42862

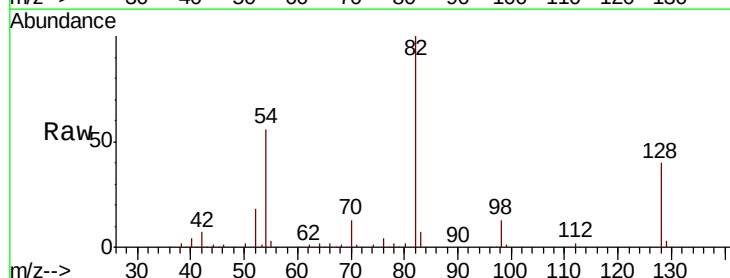
Ion Ratio Lower Upper

70 100

42 49.6 56.2 84.4#

101 0.0 7.8 11.6#

130 0.9 16.2 24.2#

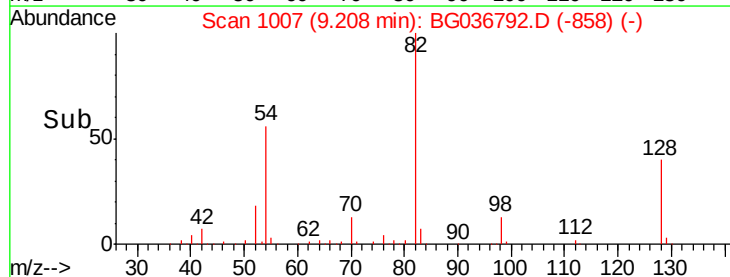
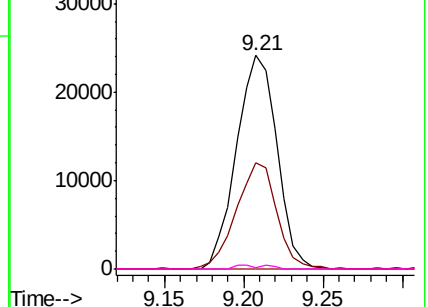


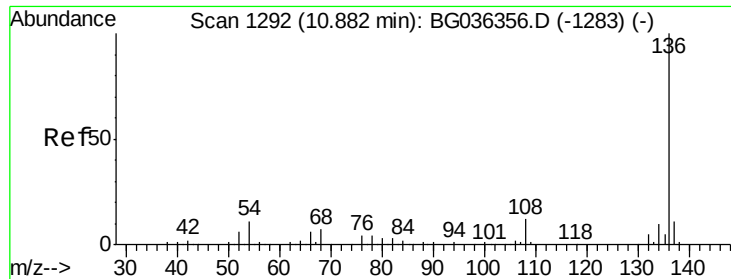
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

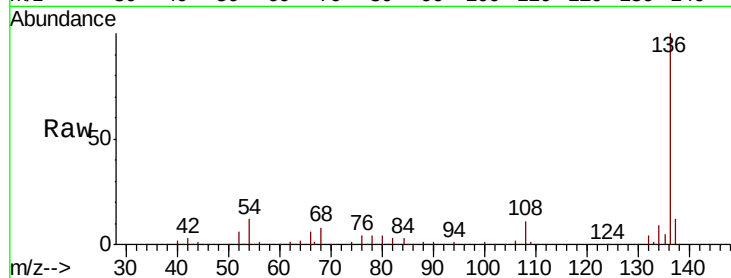




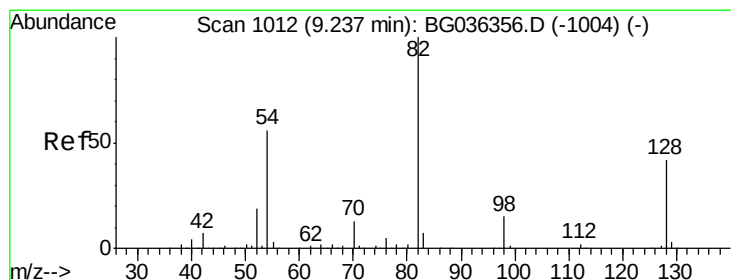
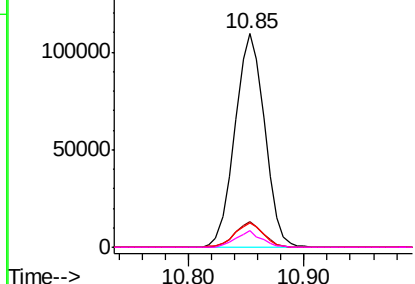
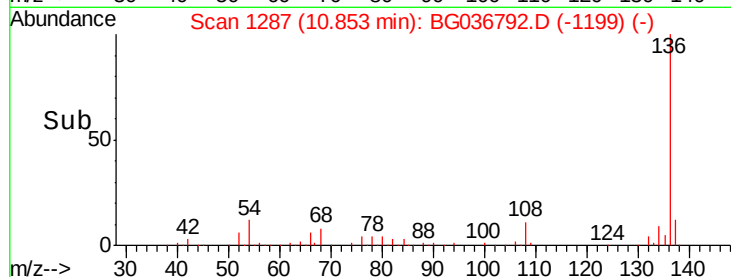
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BG036792.D
Acq: 18 Sep 2018 19:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	194409
Ion	Ratio	Lower Upper
136	100	
137	11.8	8.8 13.2
54	11.5	9.2 13.8
68	7.5	5.8 8.6

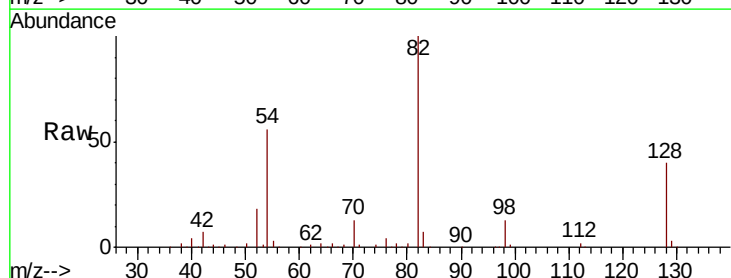


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

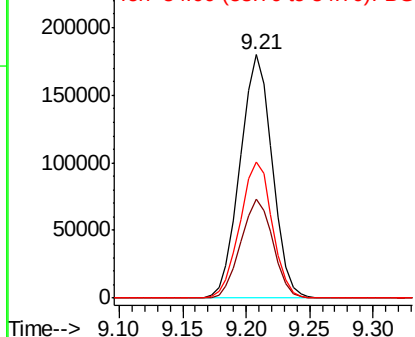
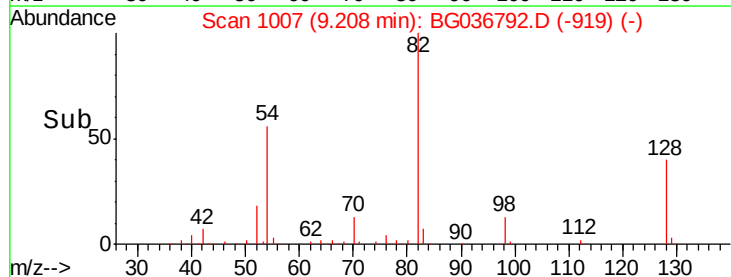


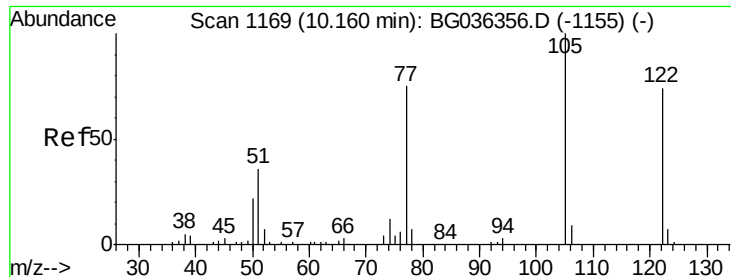
#23
Nitrobenzene-d5
Concen: 88.527 ng
RT: 9.21 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG036792.D
Acq: 18 Sep 2018 19:08

Tgt Ion: 82	Resp:	317204
Ion	Ratio	Lower Upper
82	100	
128	40.5	33.3 49.9
54	55.9	45.1 67.7



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





#32

Benzoic acid

Concen: 4.504 ng

RT: 10.33 min Scan# 1198

Delta R.T. 0.17 min

Lab File: BG036792.D

Acq: 18 Sep 2018 19:08

Instrument :

BNA_G

ClientSampleId :

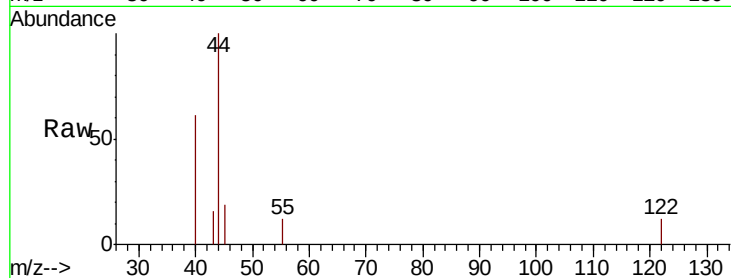
Tot Ion:122 Resp: 57

Ion Ratio Lower Upper

122 100

105 0.0 108.1 148.1#

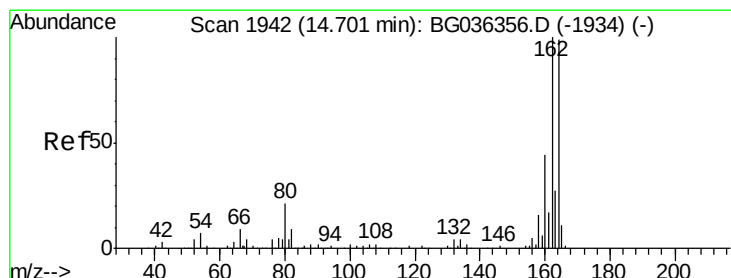
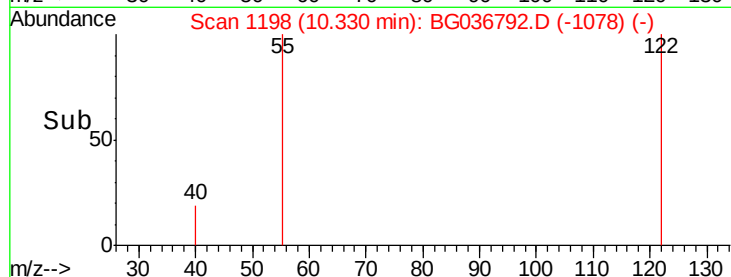
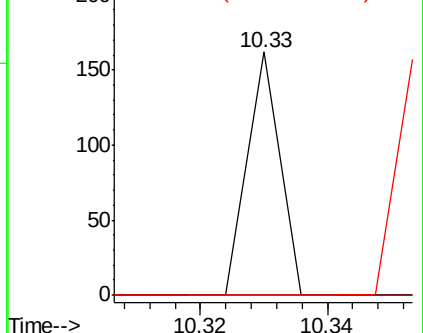
77 0.0 76.3 116.3#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): B



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1937

Delta R.T. -0.01 min

Lab File: BG036792.D

Acq: 18 Sep 2018 19:08

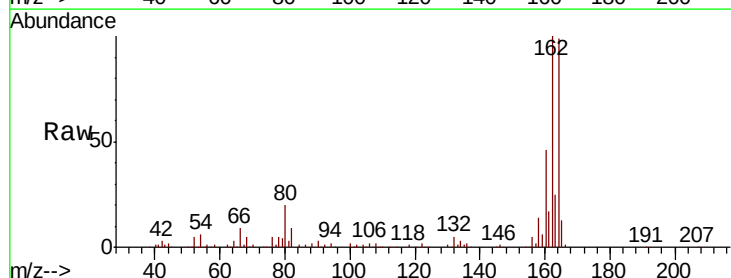
Tgt Ion:164 Resp: 126705

Ion Ratio Lower Upper

164 100

162 100.9 80.7 121.1

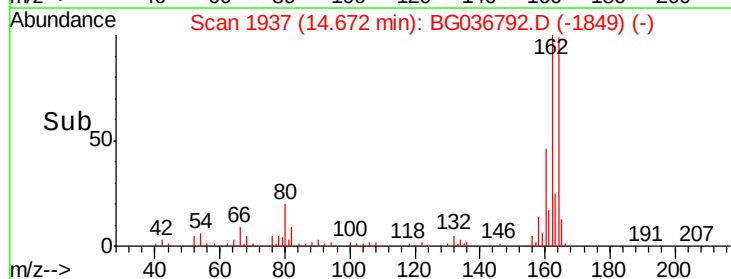
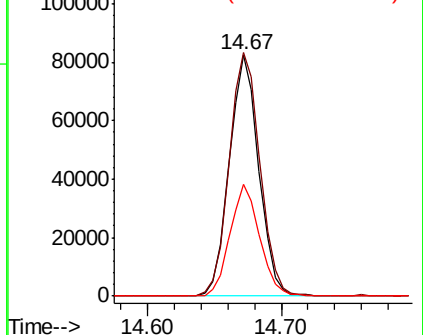
160 46.2 35.3 52.9

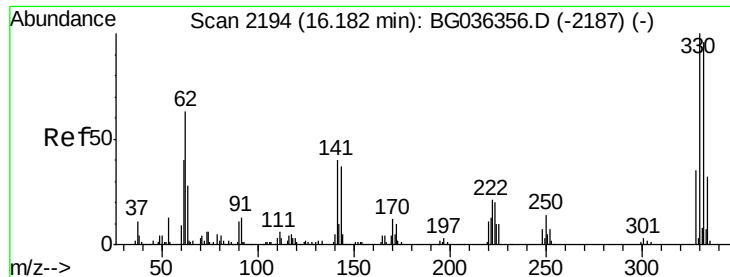


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

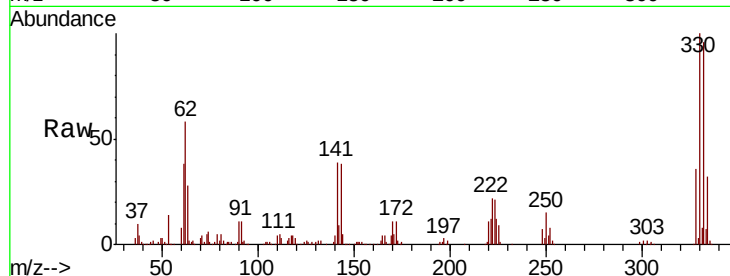




#41
 2,4,6-Tribromophenol
 Concen: 152.404 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG036792.D
 Acq: 18 Sep 2018 19:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	75.4	113.2
141	37.2	30.7	46.1

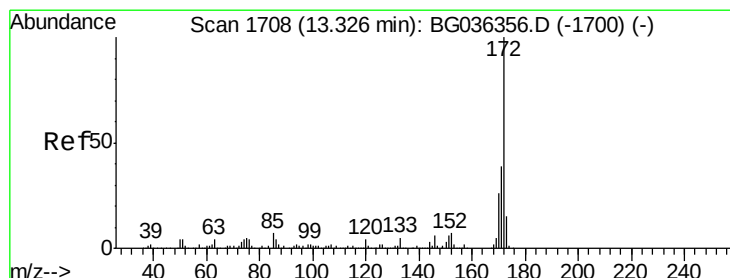
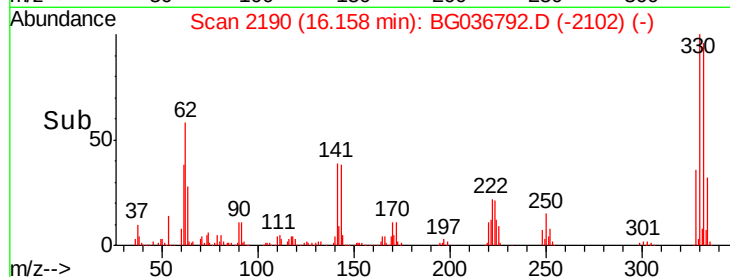
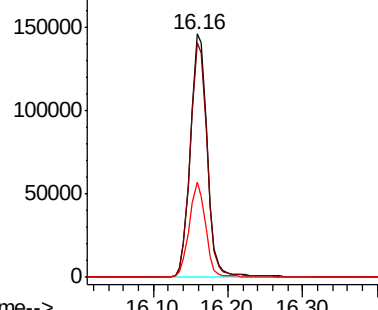


Abundance

Ion 329.80 (329.50 to 330.50): E

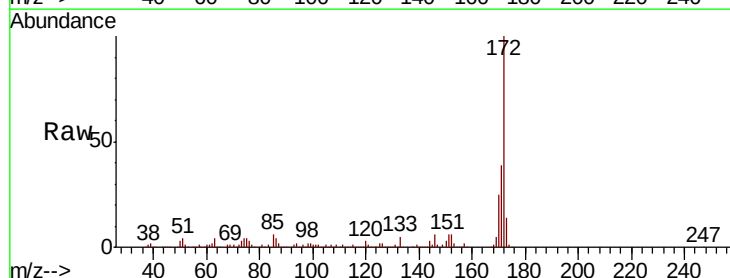
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 80.581 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG036792.D
 Acq: 18 Sep 2018 19:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.3	46.9
170	25.1	21.0	31.6

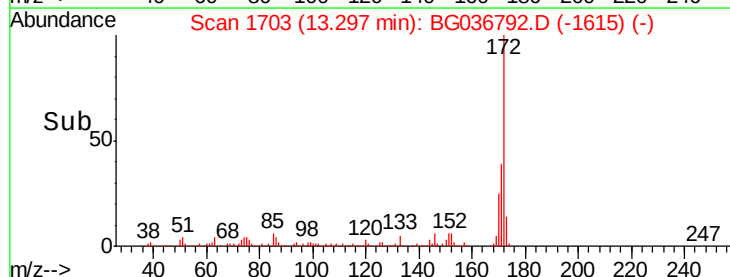
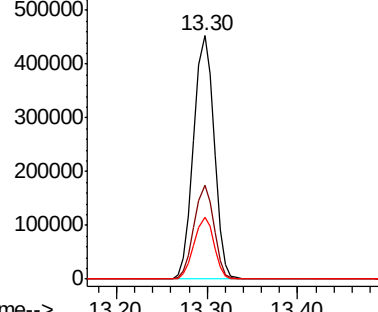


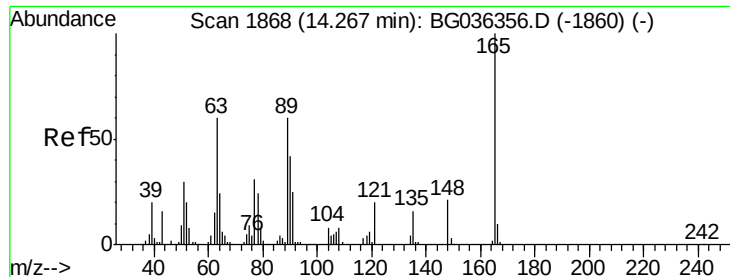
Abundance

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

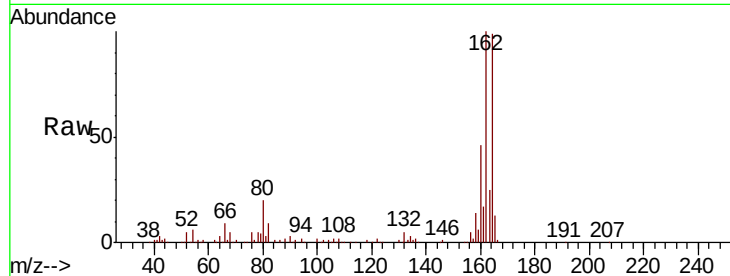




#50
2,6-Dinitrotoluene
Concen: 8.001 ng
RT: 14.67 min Scan# 1937
Delta R.T. 0.42 min
Lab File: BG036792.D
Acq: 18 Sep 2018 19:08

Instrument :
BNA_G
ClientSampled :

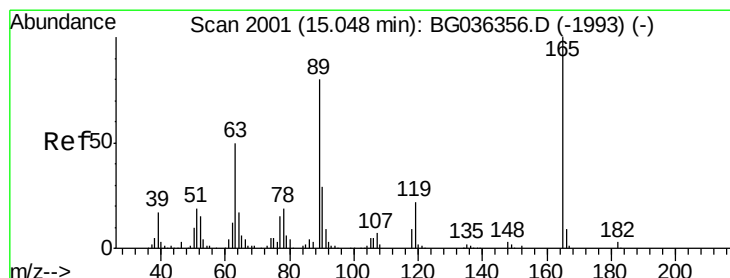
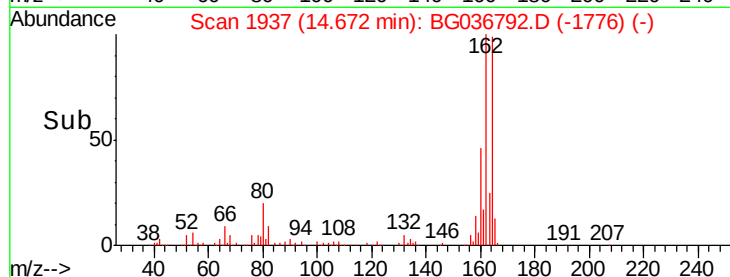
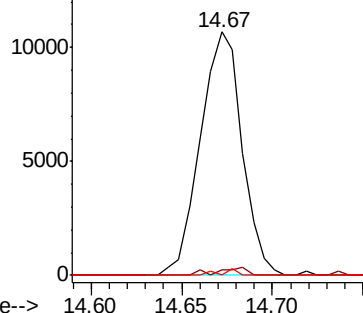
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.3	50.1	75.1#
89	0.0	47.8	71.6#



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



#56
2,4-Dinitrotoluene
Concen: 6.139 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.37 min
Lab File: BG036792.D
Acq: 18 Sep 2018 19:08

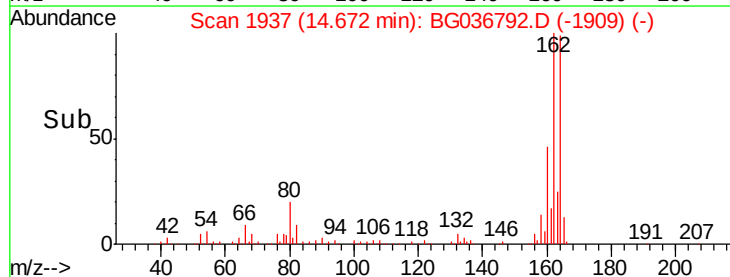
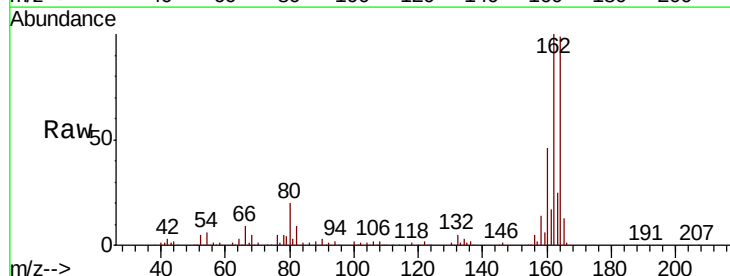
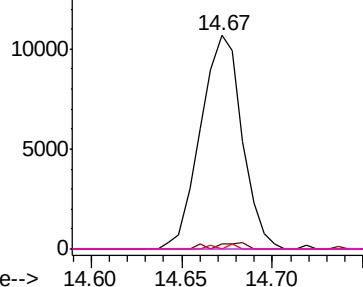
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.3	40.1	60.1#
89	0.0	63.7	95.5#
182	0.0	2.5	3.7#

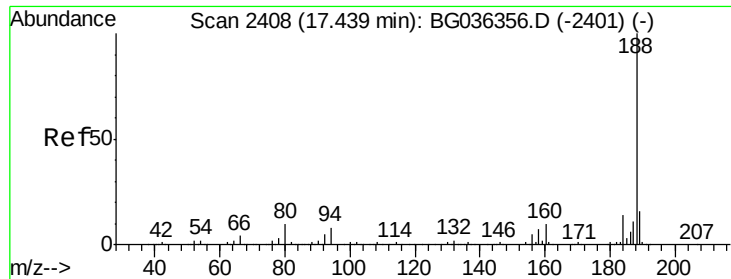
Abundance Ion 165.00 (164.70 to 165.70): E

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

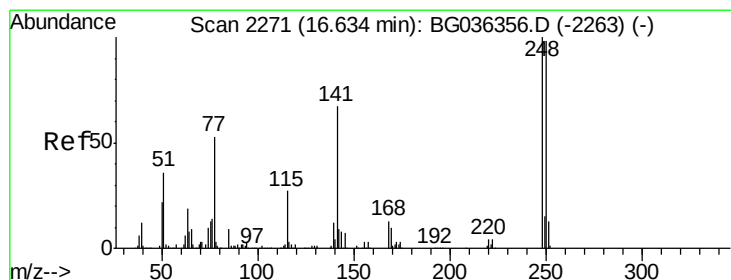
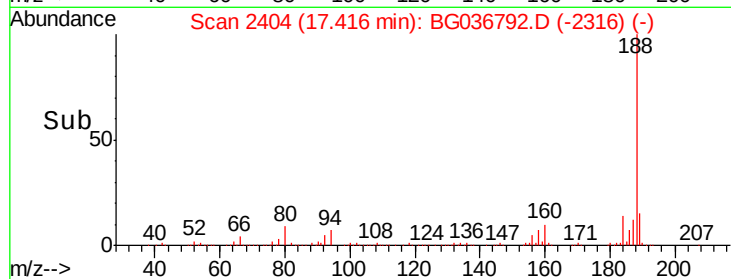
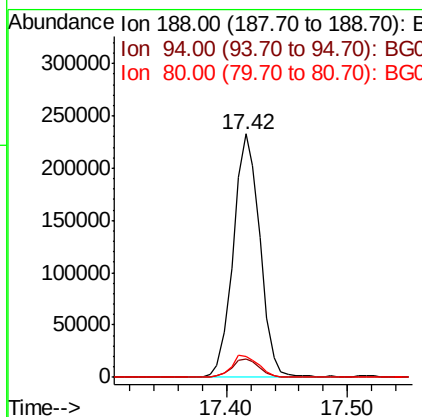
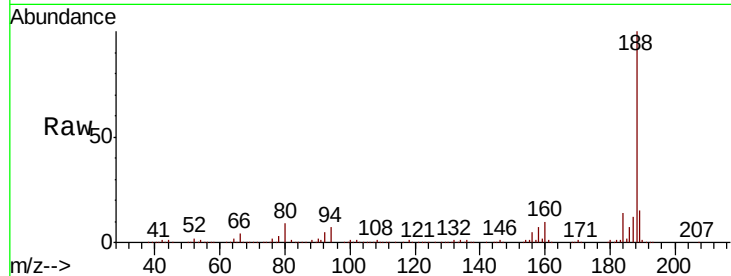




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BG036792.D
 Acq: 18 Sep 2018 19:08

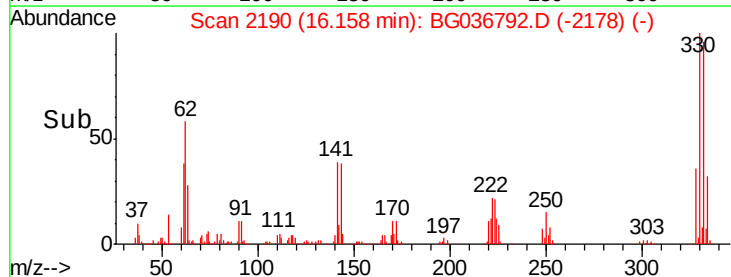
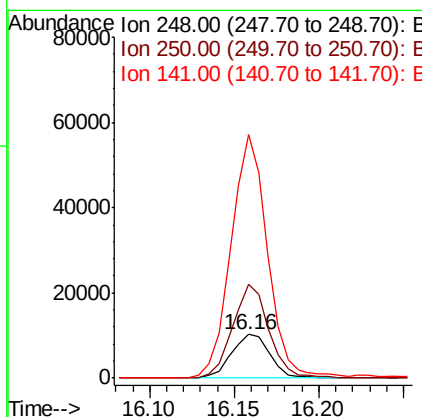
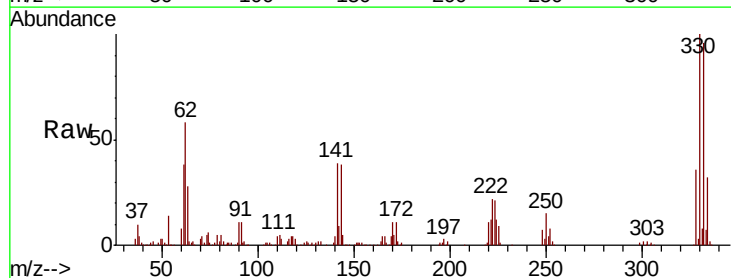
Instrument :
 BNA_G
 ClientSampleId :

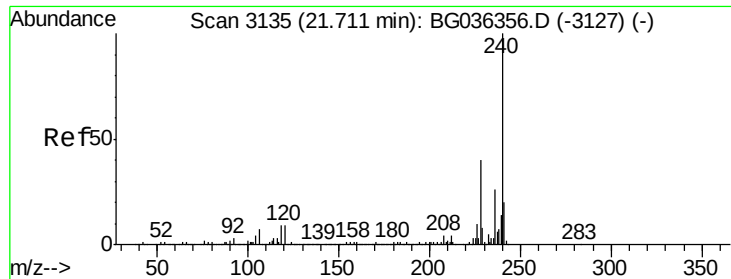
Tot Ion:188 Resp: 357535
 Ion Ratio Lower Upper
 188 100
 94 7.4 6.7 10.1
 80 8.7 8.1 12.1



#66
 4-Bromophenyl-phenylether
 Concen: 3.865 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.46 min
 Lab File: BG036792.D
 Acq: 18 Sep 2018 19:08

Tgt Ion:248 Resp: 16180
 Ion Ratio Lower Upper
 248 100
 250 214.9 78.1 117.1#
 141 561.0 53.7 80.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG036792.D

Acq: 18 Sep 2018 19:08

Instrument :

BNA_G

ClientSampleId :

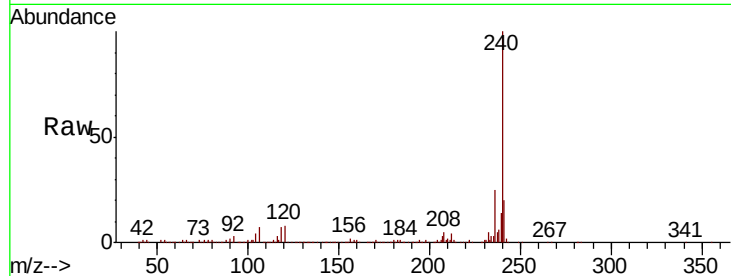
Tot Ion:240 Resp: 390789

Ion Ratio Lower Upper

240 100

120 7.8 6.9 10.3

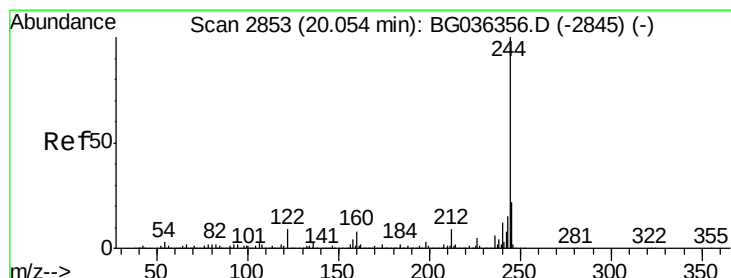
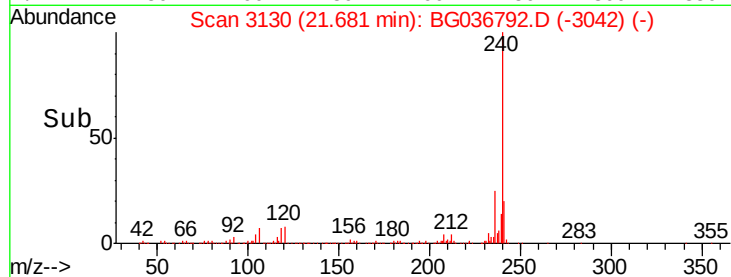
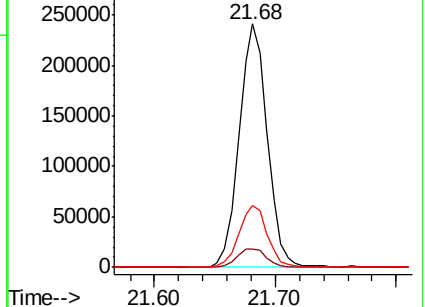
236 25.5 21.2 31.8



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



#78

Terphenyl-d14

Concen: 83.284 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036792.D

Acq: 18 Sep 2018 19:08

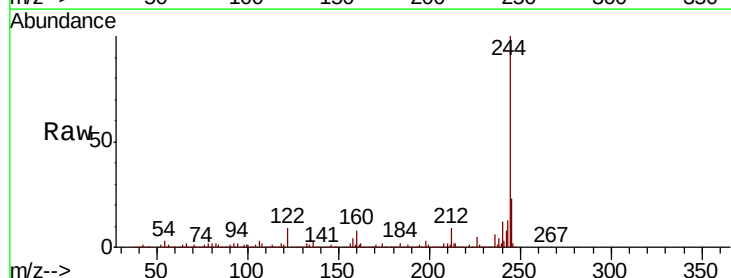
Tgt Ion:244 Resp: 1392461

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.6

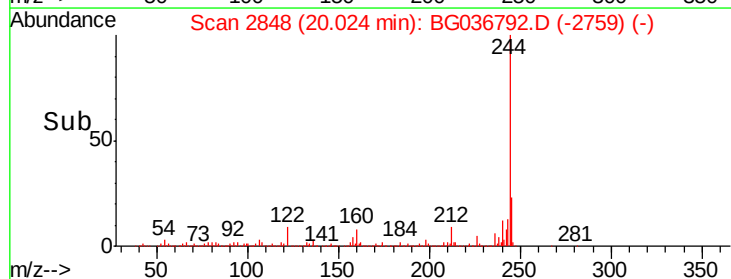
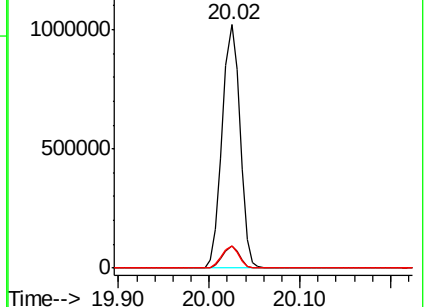
122 9.0 7.1 10.7

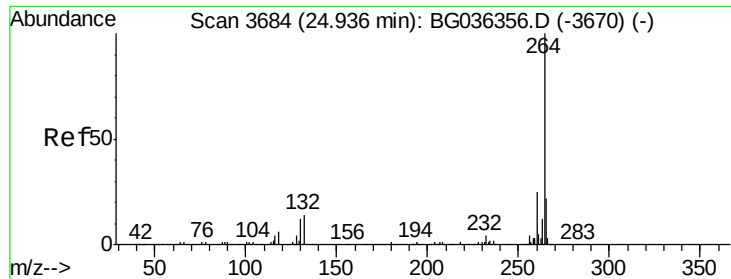


Abundance Ion 244.00 (243.70 to 244.70): E

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. -0.01 min
 Lab File: BG036792.D
 Acq: 18 Sep 2018 19:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.6	29.4
265	20.8	17.4	26.0

