

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091818\
 Data File : BG036811.D
 Acq On : 19 Sep 2018 8:09
 Operator : JU/SJ
 Sample : J4951-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 19 11:42:26 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

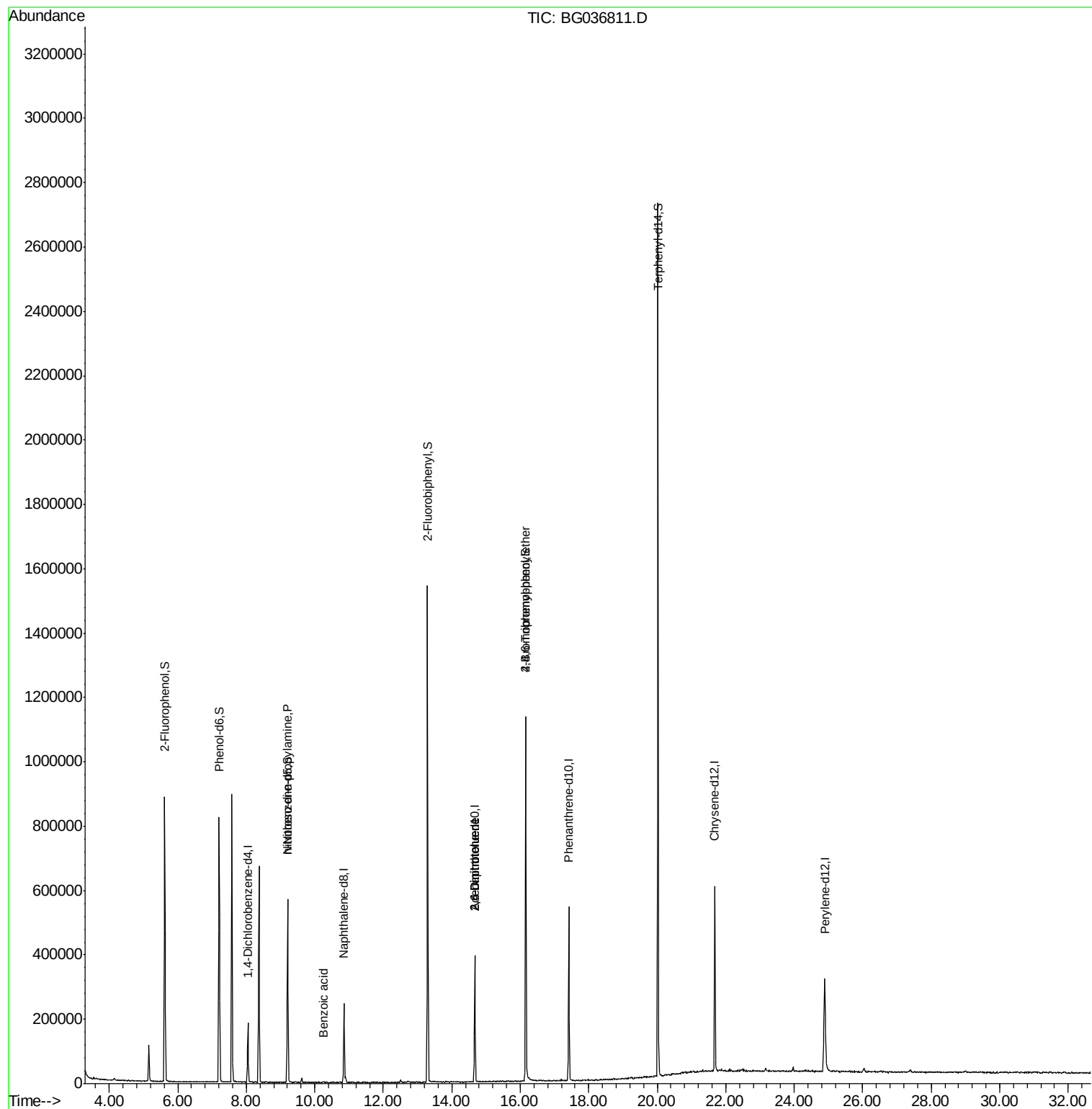
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	49922	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	211648	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	136849	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	343639	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	356794	20.00	ng	-0.02
86) Perylene-d12	24.89	264	353061	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	357700	113.66	ng	0.00
7) Phenol-d6	7.21	99	465905	103.40	ng	-0.01
23) Nitrobenzene-d5	9.21	82	349318	89.55	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	215907	132.22	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	782595	81.65	ng	-0.02
78) Terphenyl-d14	20.02	244	1273423	83.42	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	45806	13.602	ng	# 71
32) Benzoic acid	10.27	122	55	4.501	ng	# 1
50) 2,6-Dinitrotoluene	14.67	165	18917	8.227	ng	# 22
56) 2,4-Dinitrotoluene	14.67	165	18917	6.312	ng	# 20
66) 4-Bromophenyl-phenylether	16.16	248	14885	3.700	ng	# 1

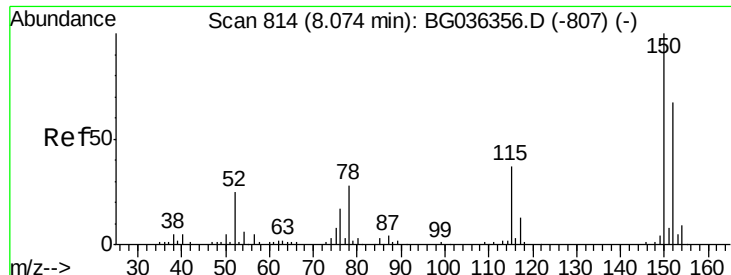
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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Instrument :
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ClientSampleId :

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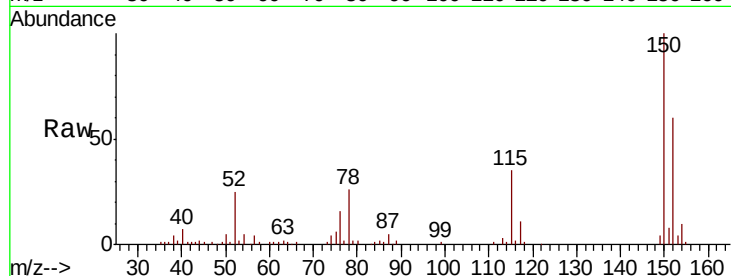




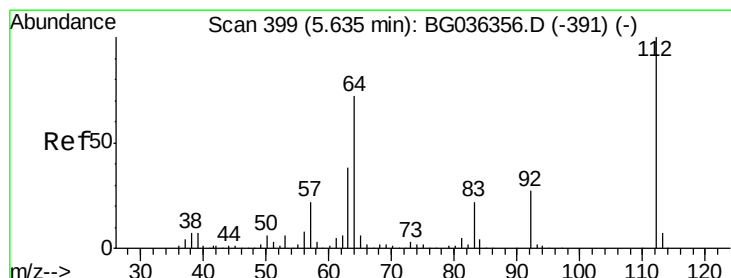
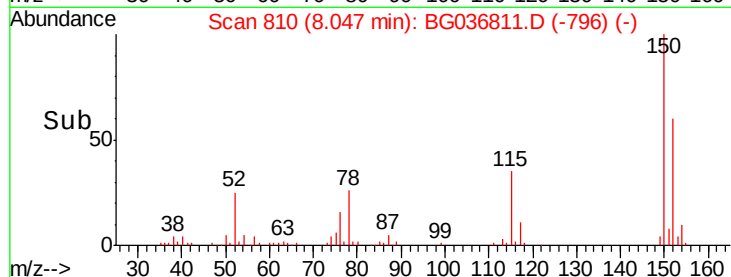
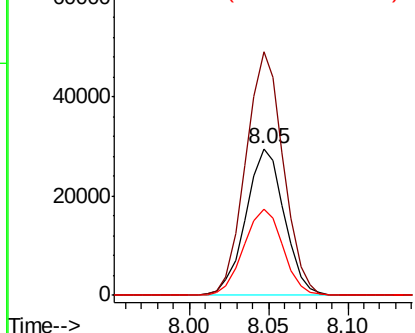
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 810
 Delta R.T. -0.02 min
 Lab File: BG036811.D
 Acq: 19 Sep 2018 8:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 49922
 Ion Ratio Lower Upper
 152 100
 150 165.9 119.5 179.3
 115 58.7 44.5 66.7

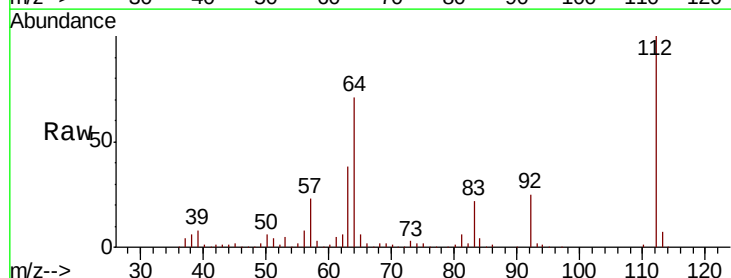


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

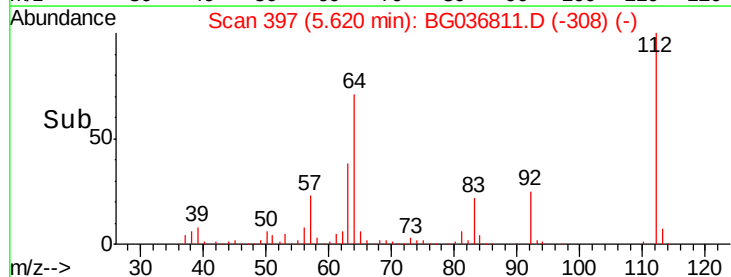
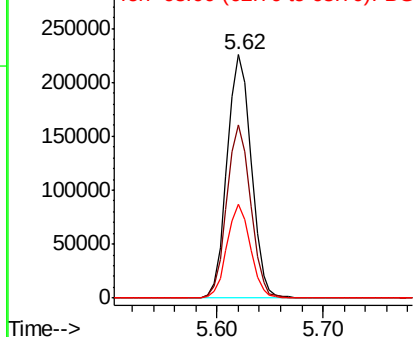


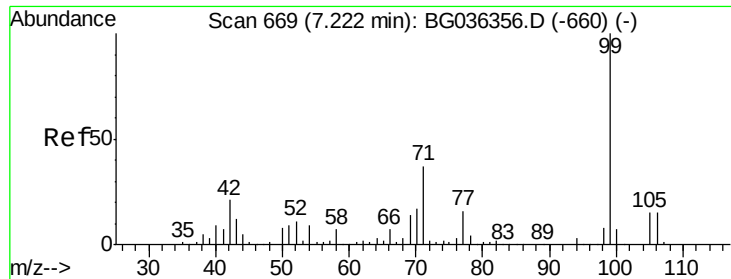
#5
 2-Fluorophenol
 Concen: 113.661 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.01 min
 Lab File: BG036811.D
 Acq: 19 Sep 2018 8:09

Tgt Ion:112 Resp: 357700
 Ion Ratio Lower Upper
 112 100
 64 71.0 57.2 85.8
 63 38.3 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: 103.400 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036811.D

Acq: 19 Sep 2018 8:09

Instrument :

BNA_G

ClientSampleId :

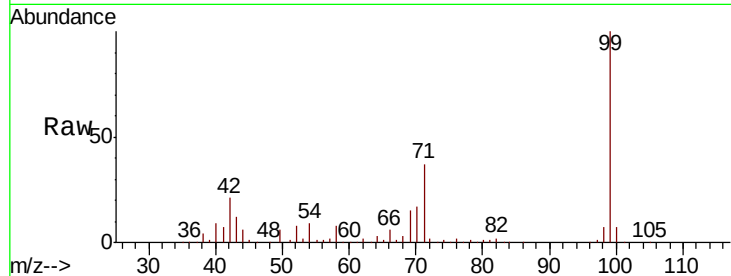
Tot Ion: 99 Resp: 465905

Ion Ratio Lower Upper

99 100

42 21.0 16.5 24.7

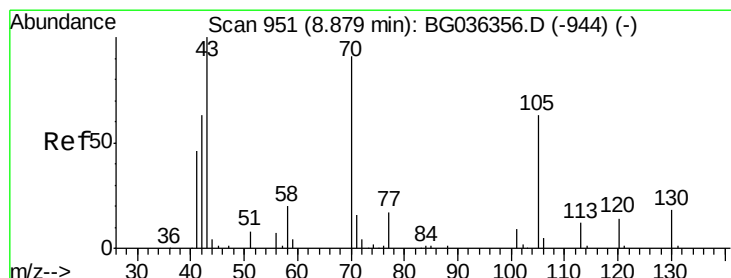
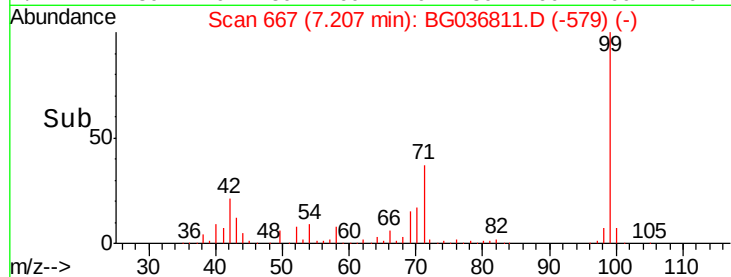
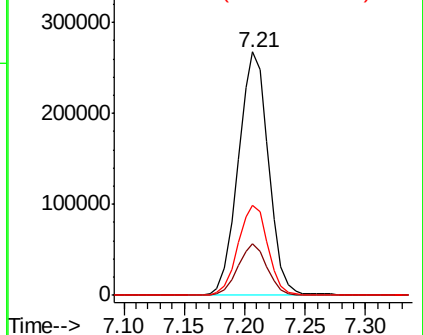
71 37.1 29.4 44.2



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: 13.602 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.35 min

Lab File: BG036811.D

Acq: 19 Sep 2018 8:09

Tgt Ion: 70 Resp: 45806

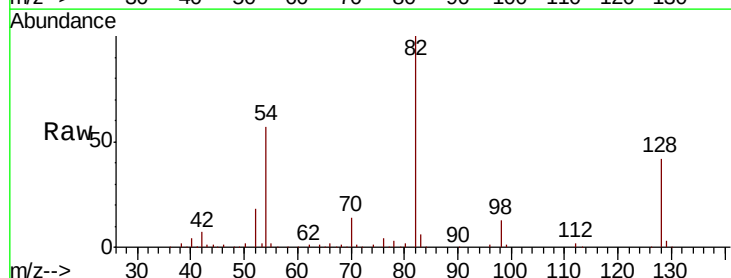
Ion Ratio Lower Upper

70 100

42 48.7 56.2 84.4#

101 0.0 7.8 11.6#

130 1.9 16.2 24.2#

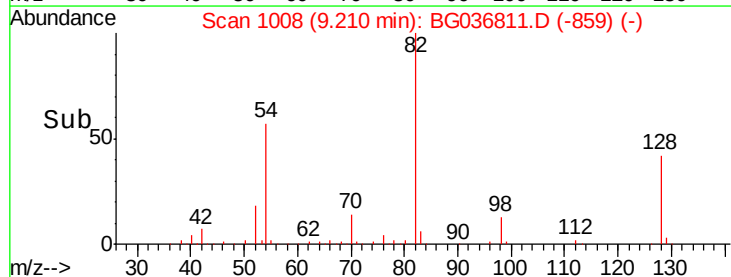
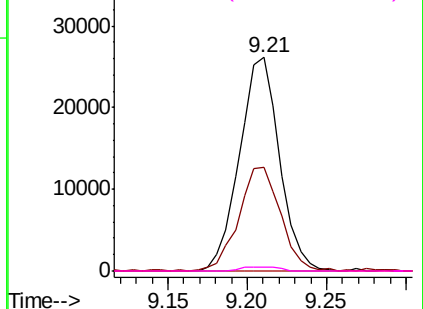


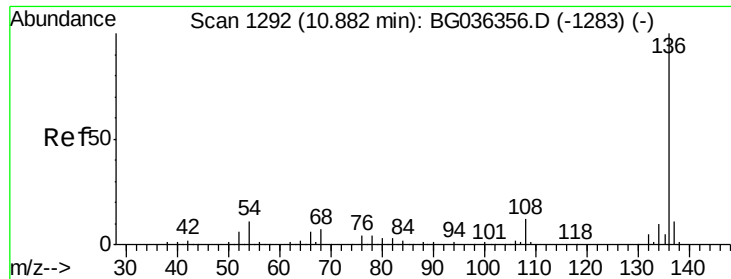
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

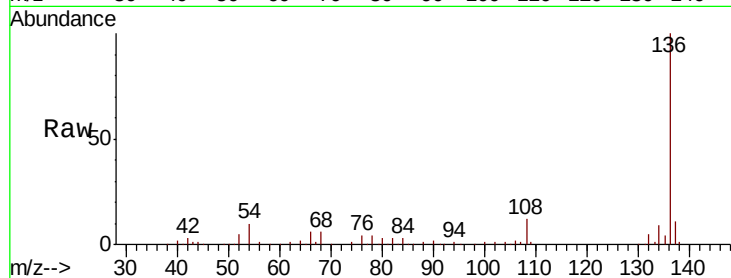




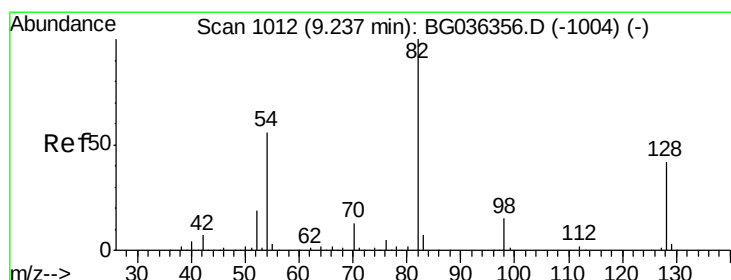
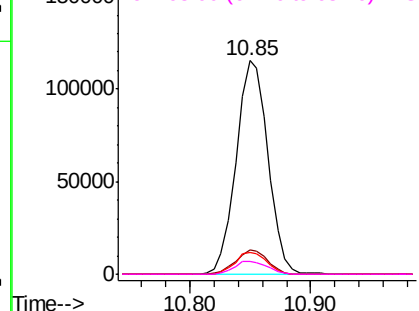
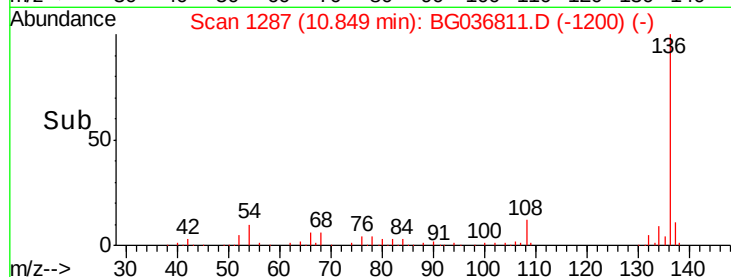
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BG036811.D
Acq: 19 Sep 2018 8:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	211648
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	9.9	9.2	13.8
68	5.7	5.8	8.6#

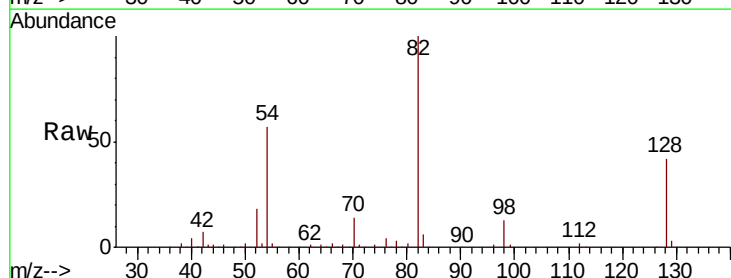


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

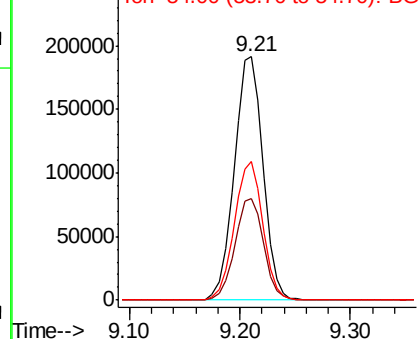
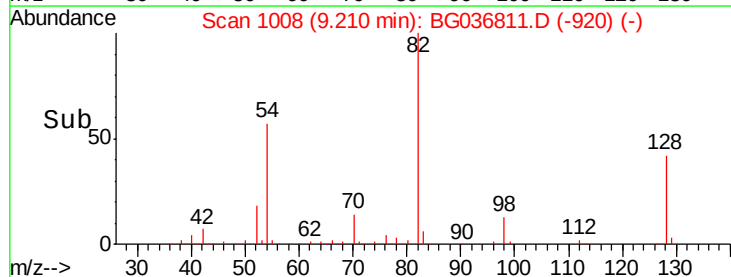


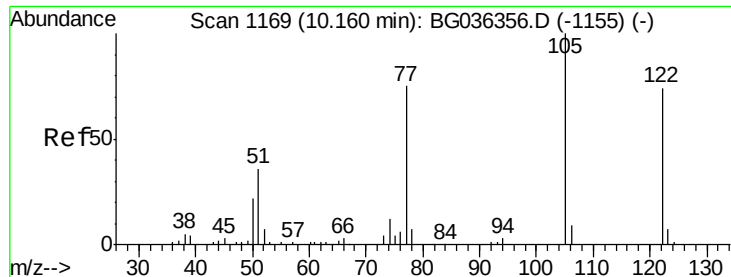
#23
Nitrobenzene-d5
Concen: 89.549 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036811.D
Acq: 19 Sep 2018 8:09

Tgt Ion:	82	Resp:	349318
Ion	Ratio	Lower	Upper
82	100		
128	41.7	33.3	49.9
54	56.8	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: 4.501 ng

RT: 10.27 min Scan# 1188

Delta R.T. 0.11 min

Lab File: BG036811.D

Acq: 19 Sep 2018 8:09

Instrument :

BNA_G

ClientSampled :

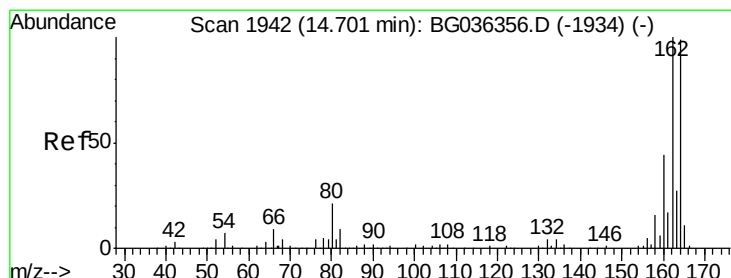
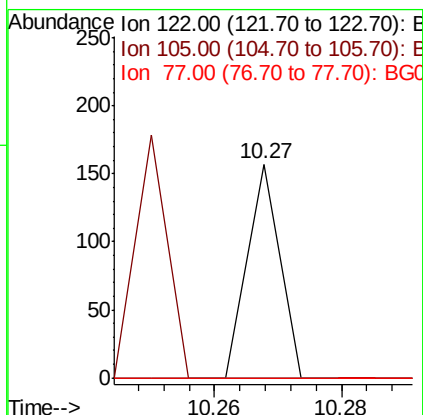
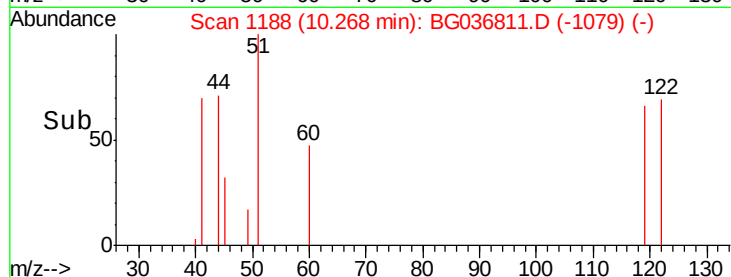
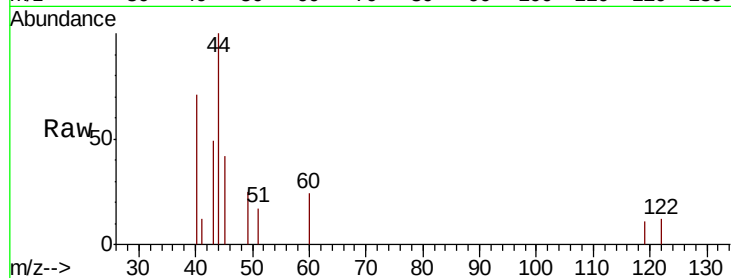
Tot Ion:122 Resp: 55

Ion Ratio Lower Upper

122 100

105 0.0 108.1 148.1#

77 0.0 76.3 116.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG036811.D

Acq: 19 Sep 2018 8:09

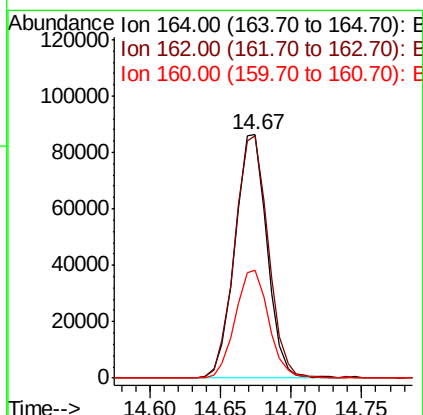
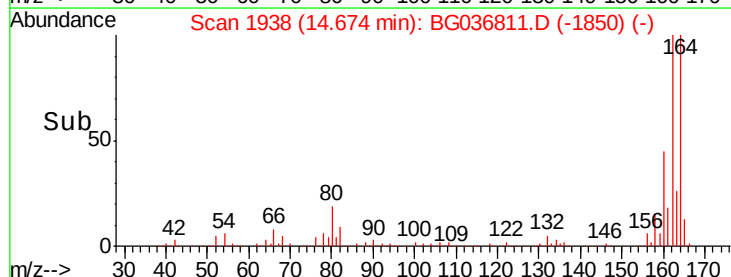
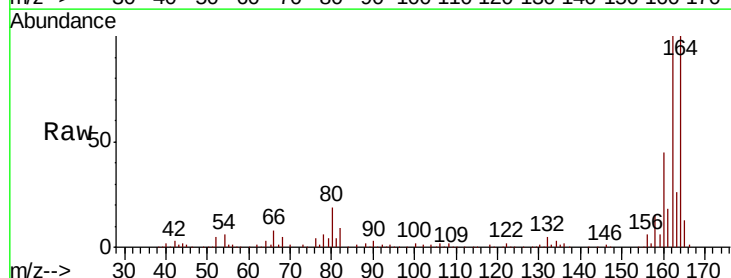
Tgt Ion:164 Resp: 136849

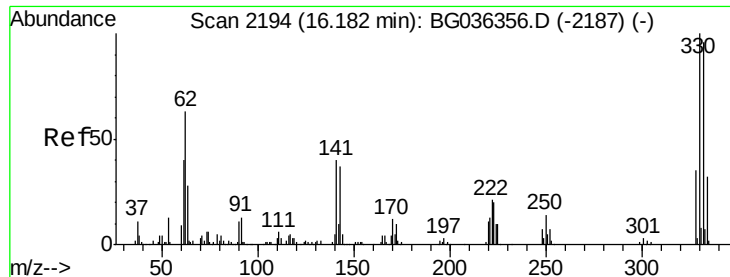
Ion Ratio Lower Upper

164 100

162 99.6 80.7 121.1

160 44.5 35.3 52.9

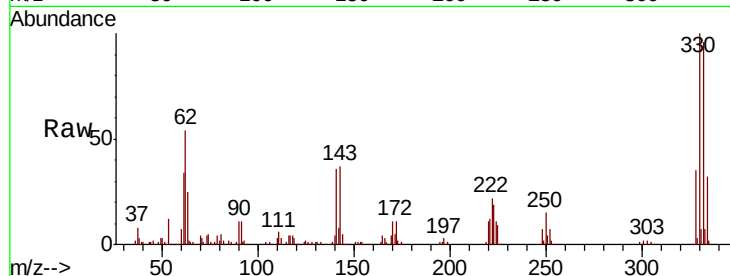




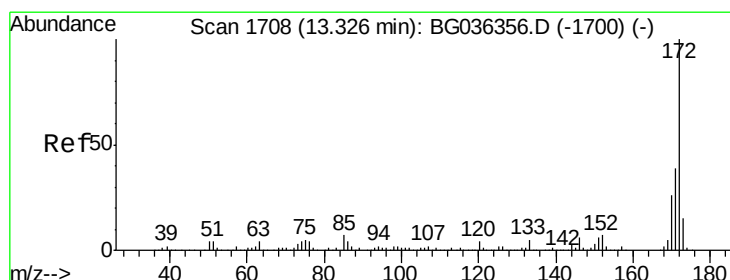
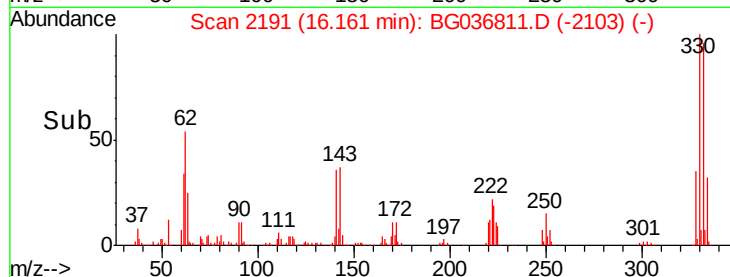
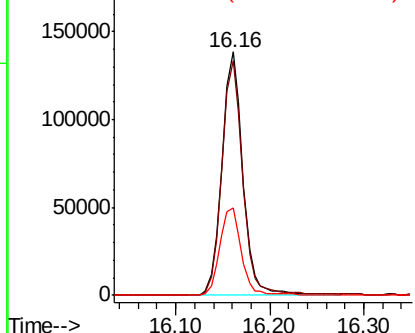
#41
 2,4,6-Tribromophenol
 Concen: 132.222 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036811.D
 Acq: 19 Sep 2018 8:09

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

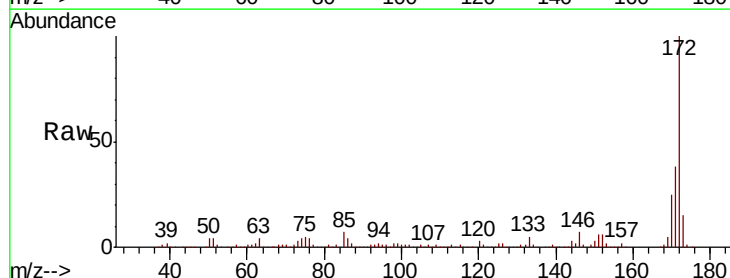


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

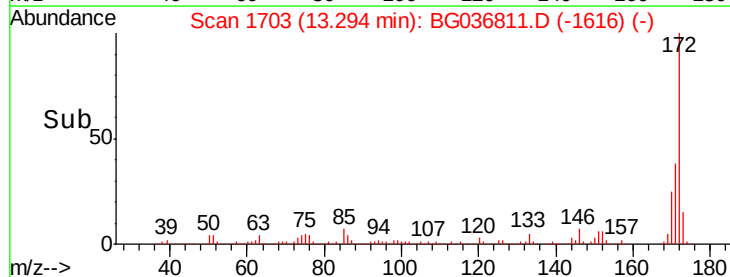
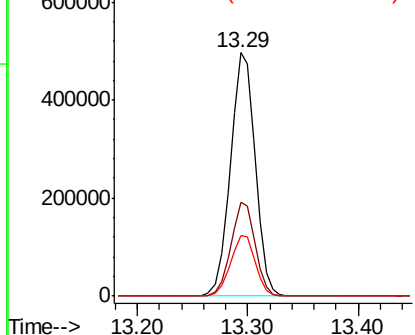


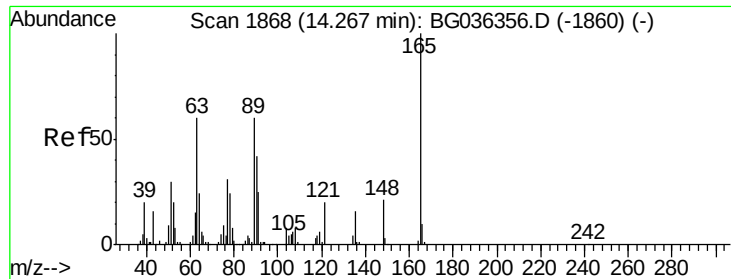
#44
 2-Fluorobiphenyl
 Concen: 81.652 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.02 min
 Lab File: BG036811.D
 Acq: 19 Sep 2018 8:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.3	46.9
170	24.8	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

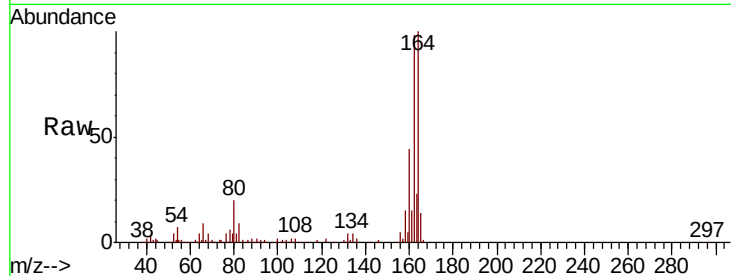




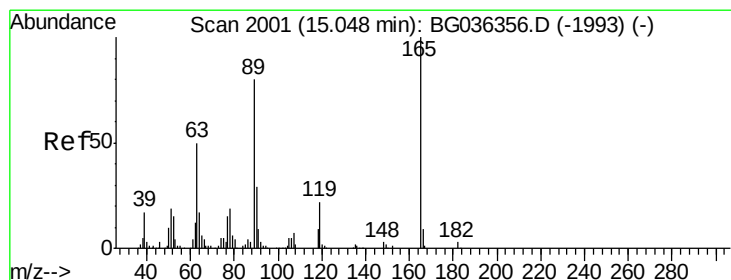
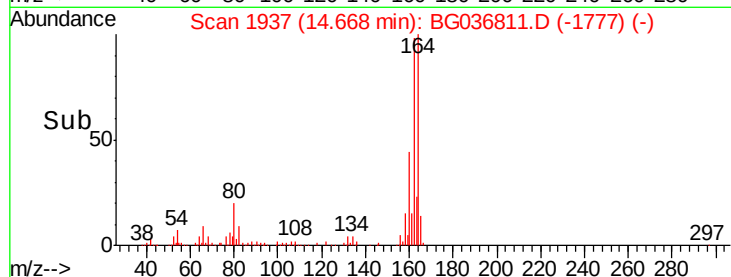
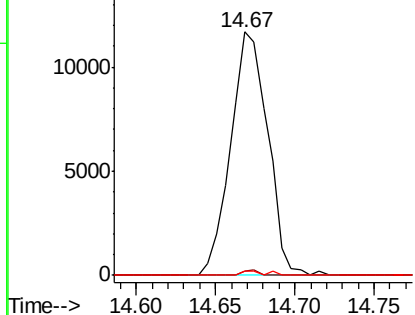
#50
2,6-Dinitrotoluene
Concen: 8.227 ng
RT: 14.67 min Scan# 1937
Delta R.T. 0.41 min
Lab File: BG036811.D
Acq: 19 Sep 2018 8:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.0	50.1	75.1#
89	1.7	47.8	71.6#



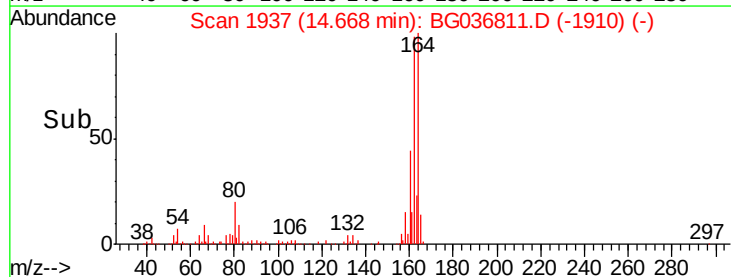
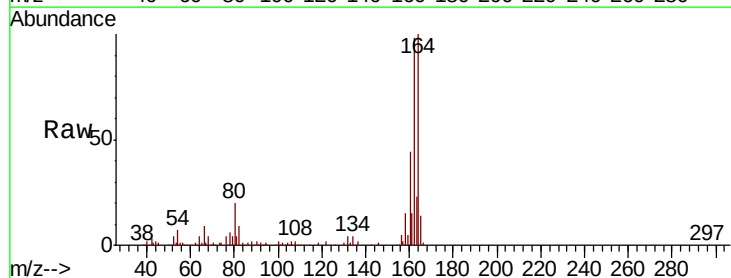
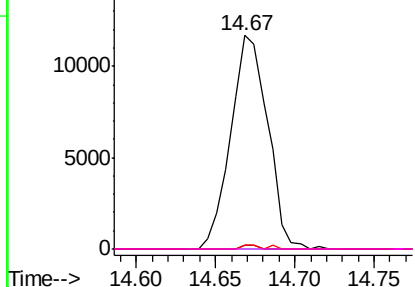
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

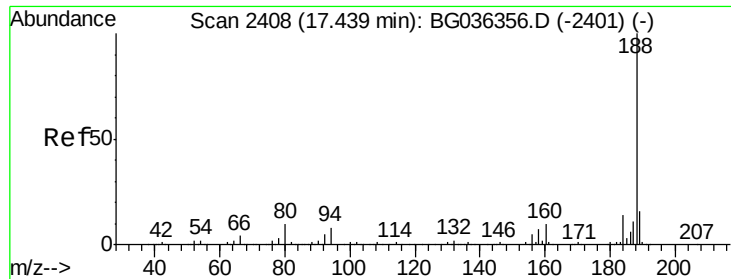


#56
2,4-Dinitrotoluene
Concen: 6.312 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.37 min
Lab File: BG036811.D
Acq: 19 Sep 2018 8:09

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	40.1	60.1#
89	1.7	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

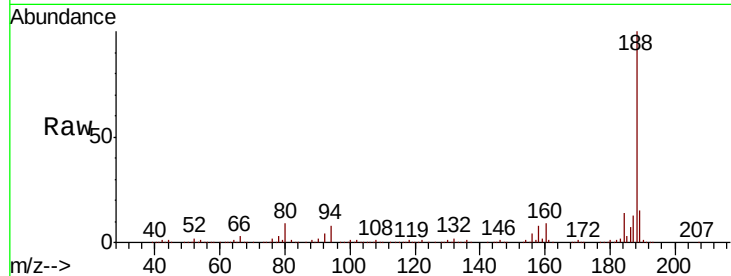




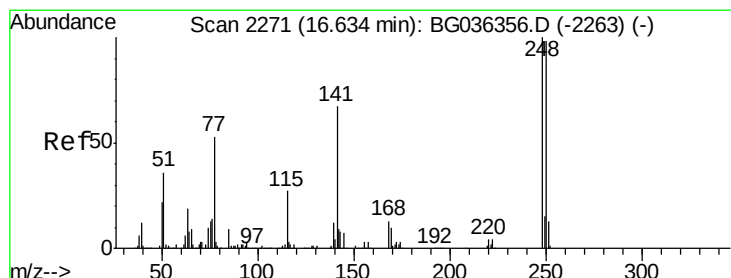
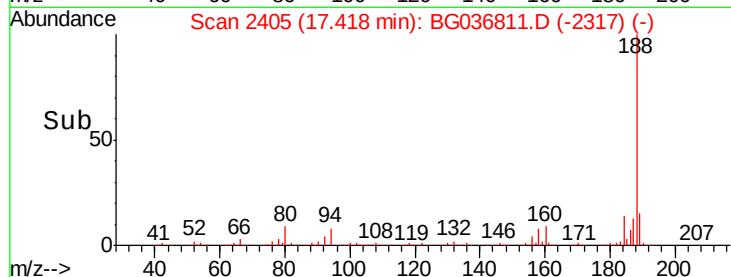
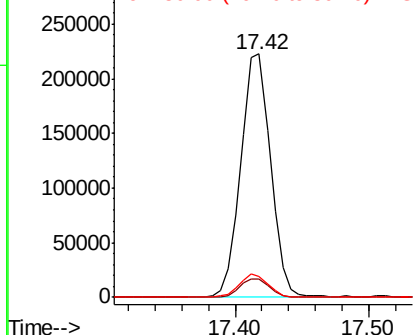
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BG036811.D
 Acq: 19 Sep 2018 8:09

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:188 Resp: 343639
 Ion Ratio Lower Upper
 188 100
 94 7.6 6.7 10.1
 80 8.8 8.1 12.1

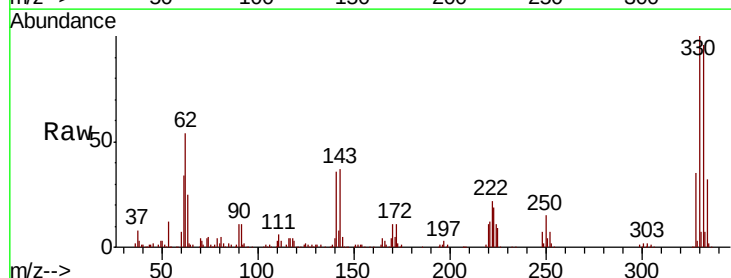


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

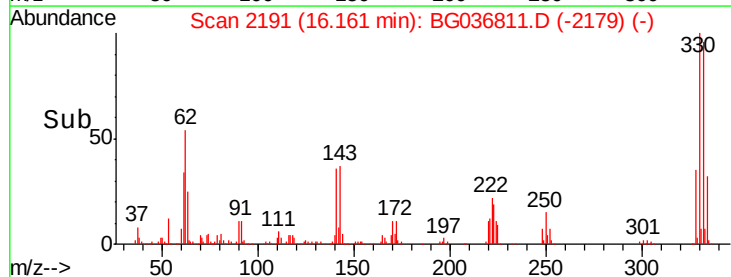
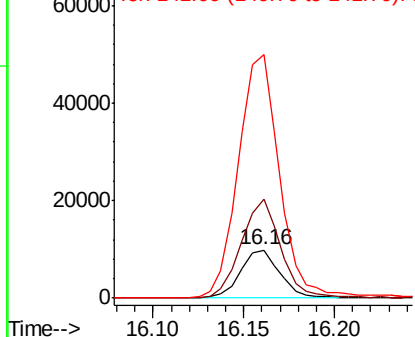


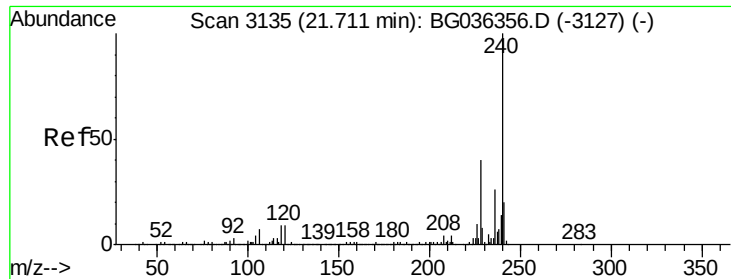
#66
 4-Bromophenyl-phenylether
 Concen: 3.700 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.46 min
 Lab File: BG036811.D
 Acq: 19 Sep 2018 8:09

Tgt Ion:248 Resp: 14885
 Ion Ratio Lower Upper
 248 100
 250 205.1 78.1 117.1#
 141 505.0 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. -0.02 min

Lab File: BG036811.D

Acq: 19 Sep 2018 8:09

Instrument :

BNA_G

ClientSampled :

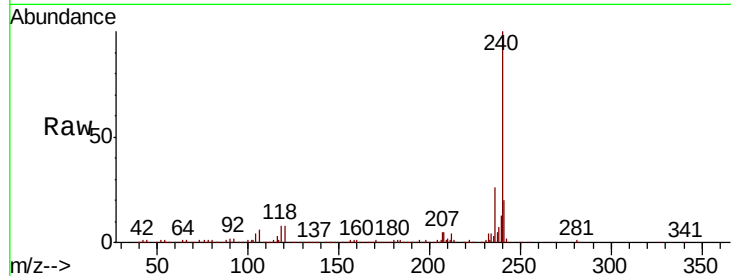
Tot Ion:240 Resp: 356794

Ion Ratio Lower Upper

240 100

120 7.9 6.9 10.3

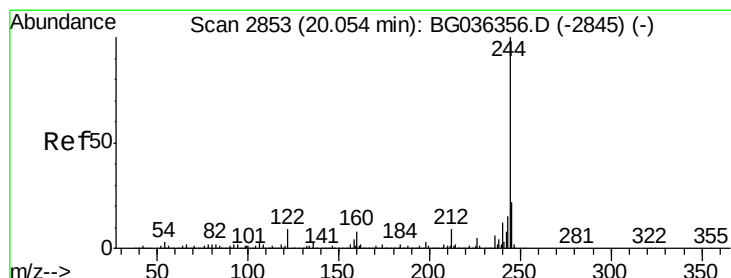
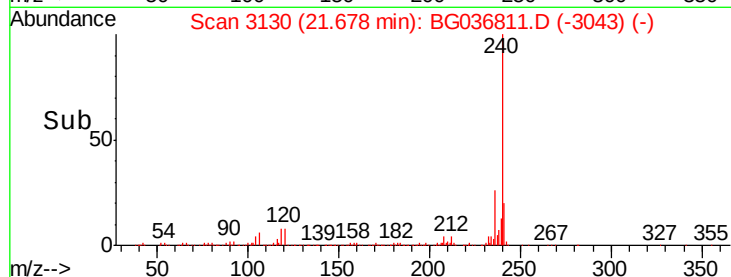
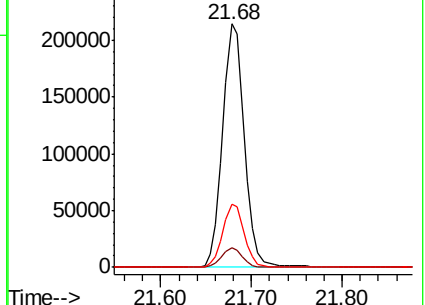
236 25.7 21.2 31.8



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: 83.421 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036811.D

Acq: 19 Sep 2018 8:09

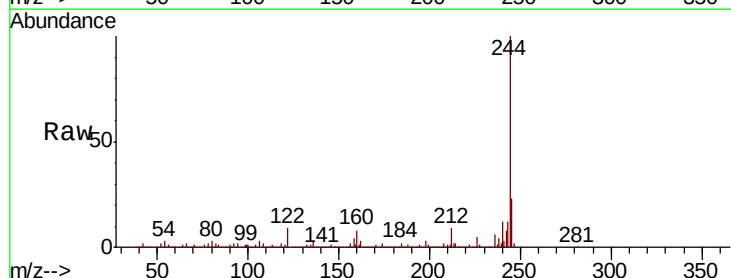
Tgt Ion:244 Resp: 1273423

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.6

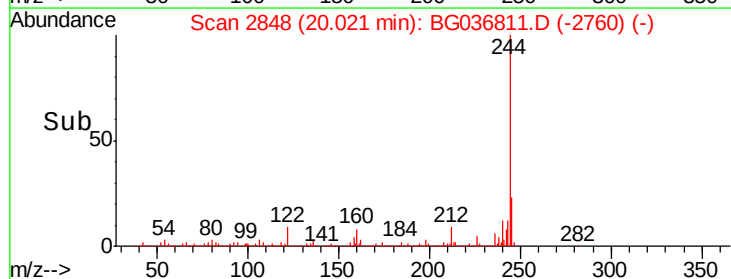
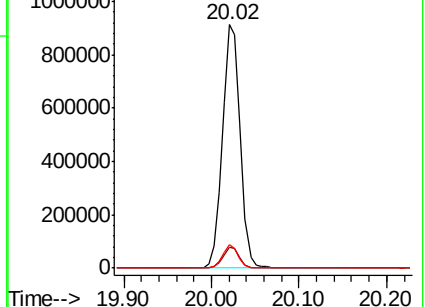
122 9.4 7.1 10.7

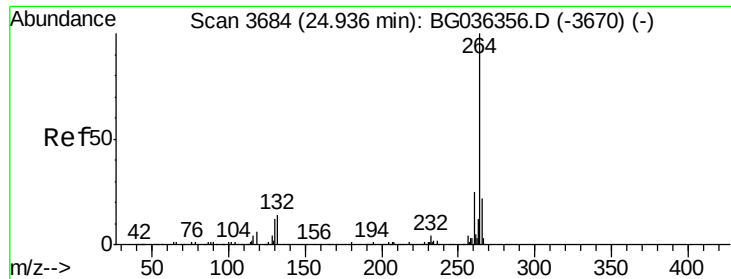


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

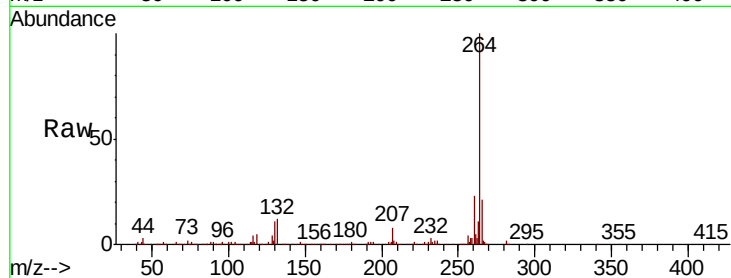




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3676
Delta R.T. -0.02 min
Lab File: BG036811.D
Acq: 19 Sep 2018 8:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.6	29.4
265	20.6	17.4	26.0



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

