

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091818\
 Data File : BG036795.D
 Acq On : 18 Sep 2018 21:06
 Operator : JU/SJ
 Sample : J4922-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 19 05:54:08 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

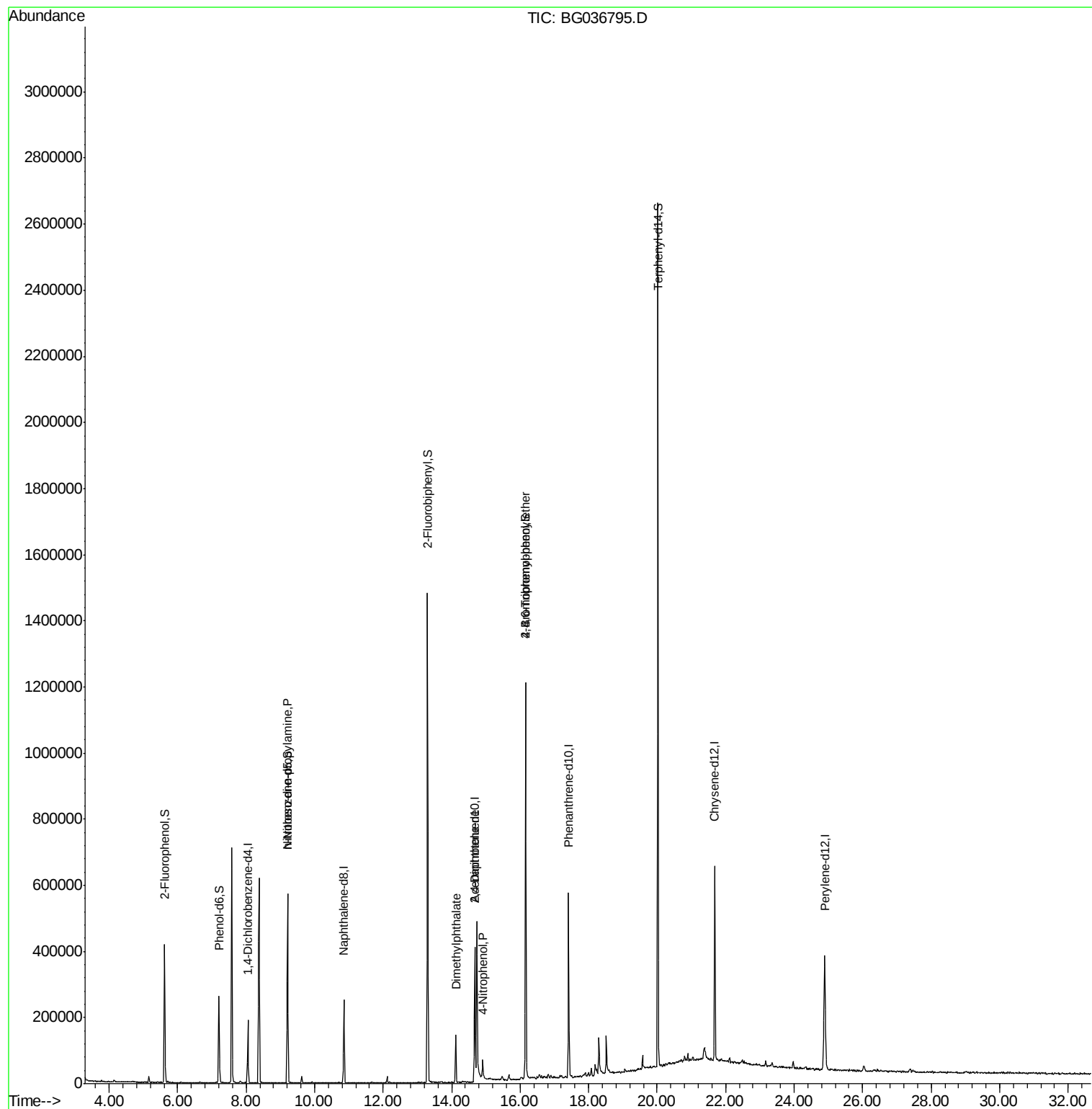
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	52931	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	216981	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	141239	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	352895	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	358475	20.00	ng	-0.01
86) Perylene-d12	24.89	264	376370	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	173938	52.13	ng	0.00
7) Phenol-d6	7.20	99	151334	31.68	ng	-0.01
23) Nitrobenzene-d5	9.21	82	341547	85.40	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	219779	130.41	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	759833	76.81	ng	-0.01
78) Terphenyl-d14	20.02	244	1221019	79.61	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	46636	13.062	ng	# 70
49) Dimethylphthalate	14.12	163	93897	8.142	ng	100
55) 4-Nitrophenol	14.91	139	16641	7.958	ng	# 4
56) 2,4-Dinitrotoluene	14.67	165	18113	5.856	ng	# 21
66) 4-Bromophenyl-phenylether	16.16	248	15388	3.724	ng	# 1

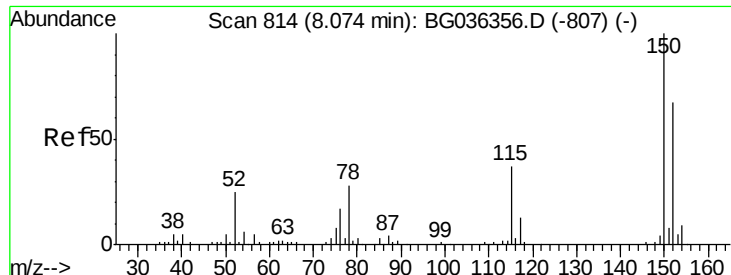
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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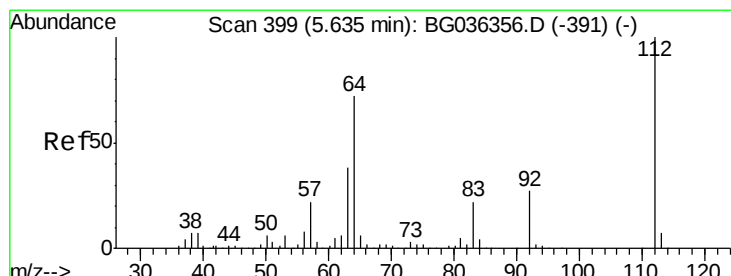
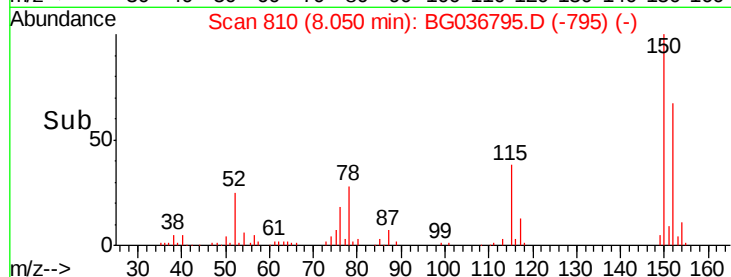
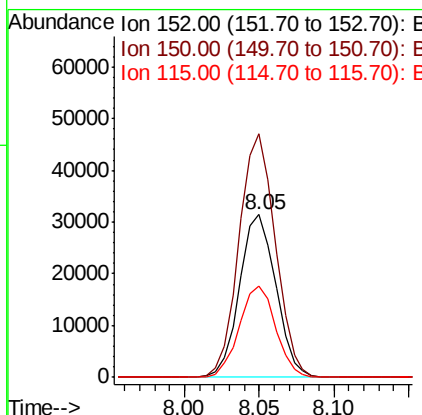
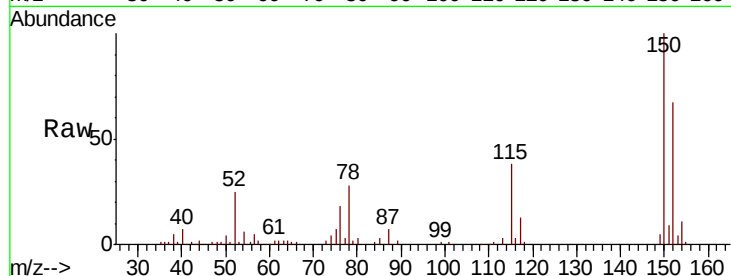




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BG036795.D
 Acq: 18 Sep 2018 21:06

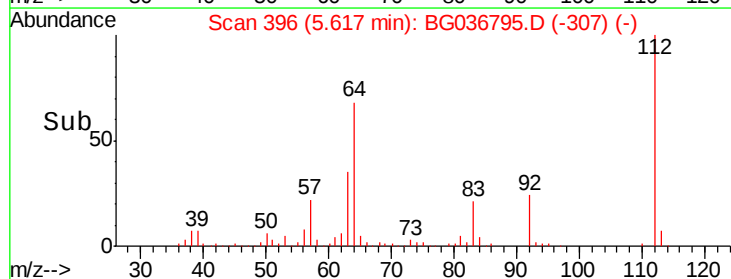
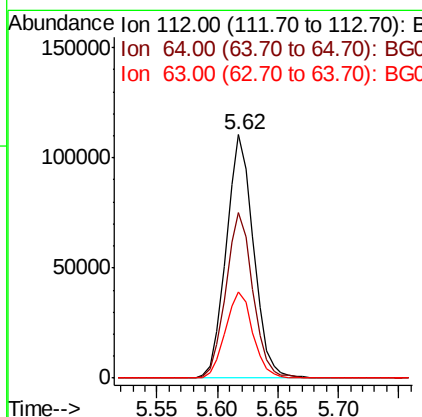
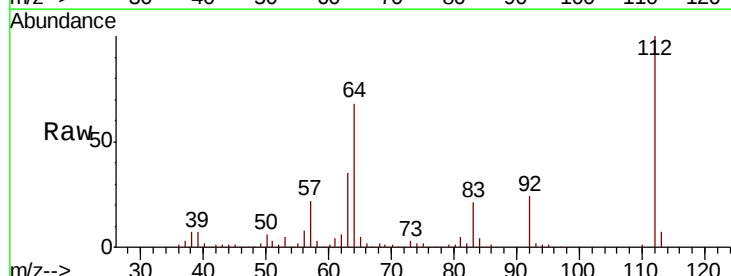
Instrument :
 BNA_G
 ClientSampleId :

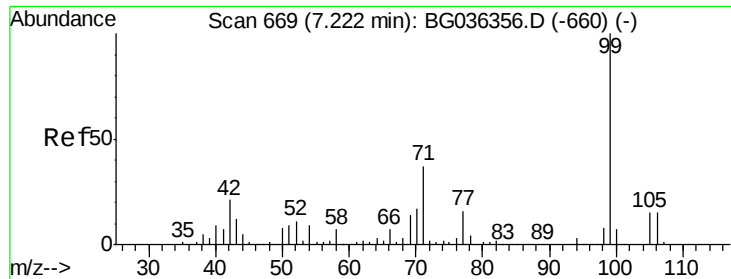
Tot Ion:152 Resp: 52931
 Ion Ratio Lower Upper
 152 100
 150 149.6 119.5 179.3
 115 56.5 44.5 66.7



#5
 2-Fluorophenol
 Concen: 52.128 ng
 RT: 5.62 min Scan# 396
 Delta R.T. -0.01 min
 Lab File: BG036795.D
 Acq: 18 Sep 2018 21:06

Tgt Ion:112 Resp: 173938
 Ion Ratio Lower Upper
 112 100
 64 68.1 57.2 85.8
 63 35.2 30.8 46.2





#7

Phenol-d6

Concen: 31.677 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036795.D

Acq: 18 Sep 2018 21:06

Instrument :

BNA_G

ClientSampled :

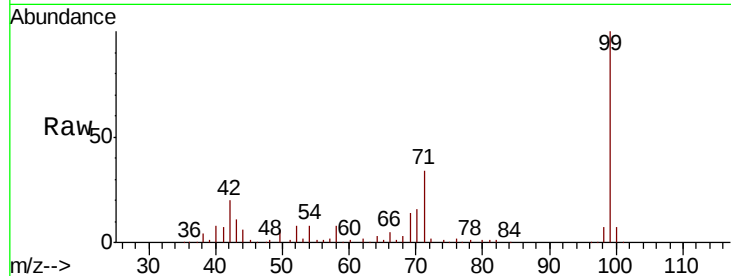
Tot Ion: 99 Resp: 151334

Ion Ratio Lower Upper

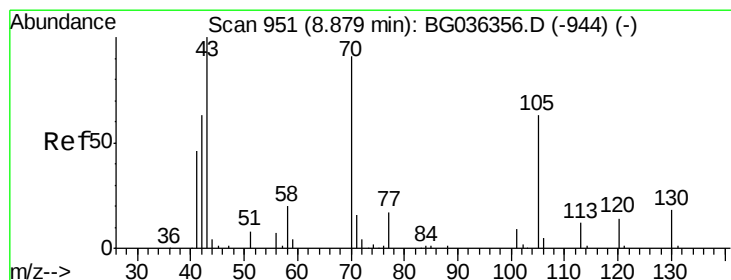
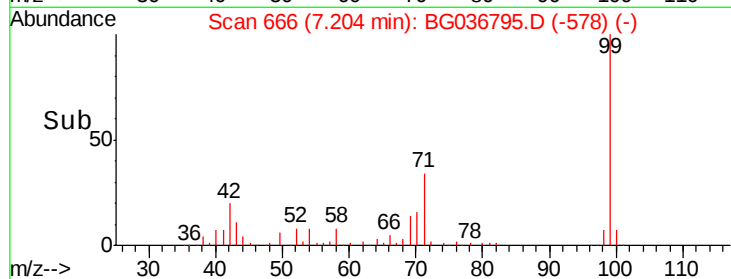
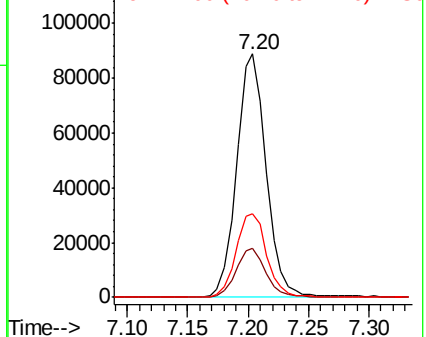
99 100

42 20.0 16.5 24.7

71 34.3 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: 13.062 ng

RT: 9.21 min Scan# 1007

Delta R.T. 0.34 min

Lab File: BG036795.D

Acq: 18 Sep 2018 21:06

Tgt Ion: 70 Resp: 46636

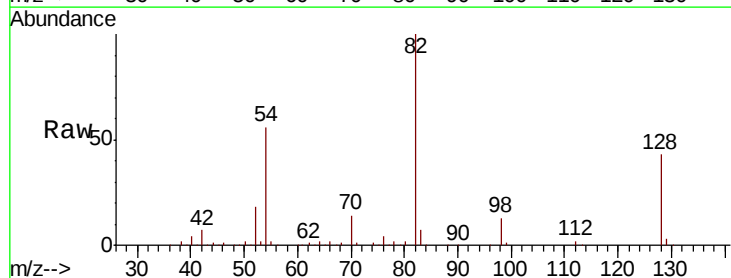
Ion Ratio Lower Upper

70 100

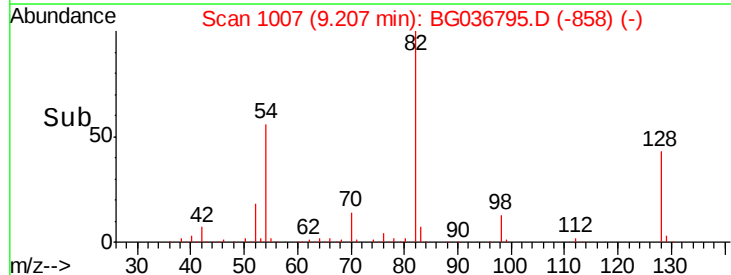
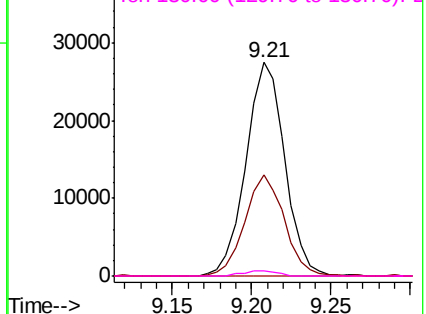
42 47.3 56.2 84.4#

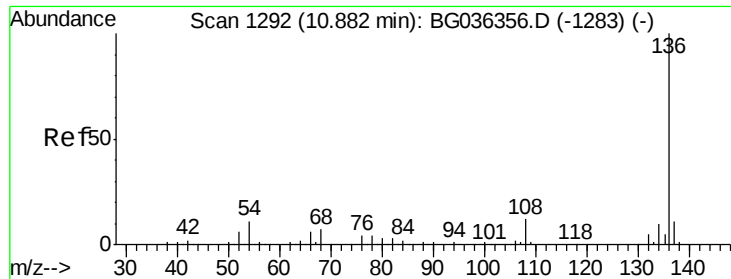
101 0.0 7.8 11.6#

130 2.3 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

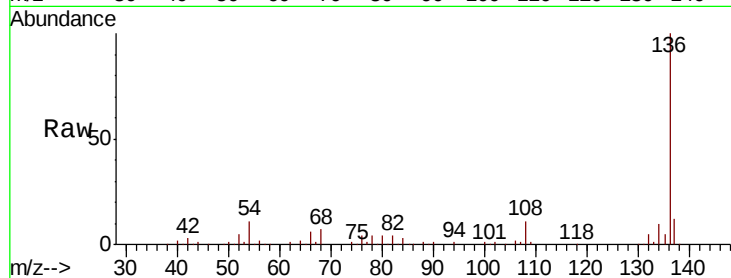




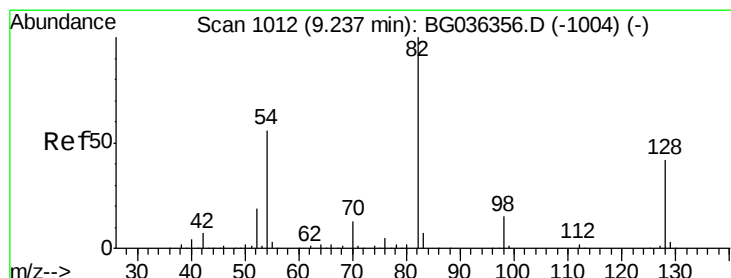
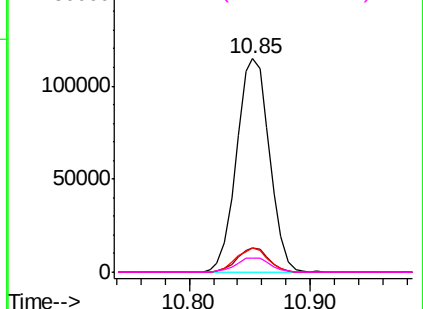
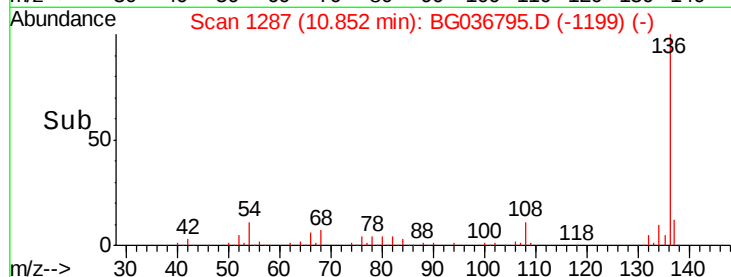
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BG036795.D
Acq: 18 Sep 2018 21:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	216981
Ion Ratio	Lower	Upper
136	100	
137	11.5	8.8 13.2
54	11.2	9.2 13.8
68	6.5	5.8 8.6

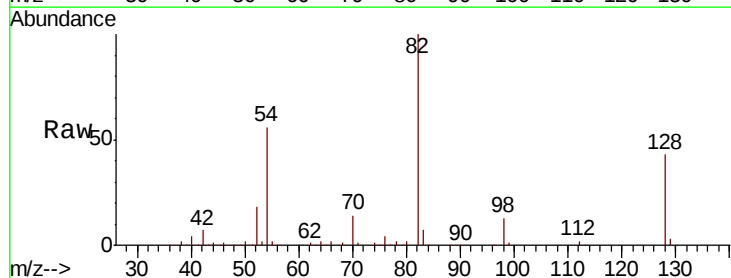


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

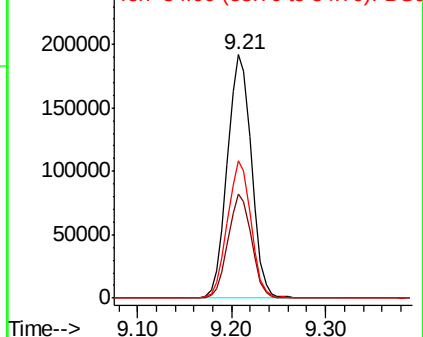
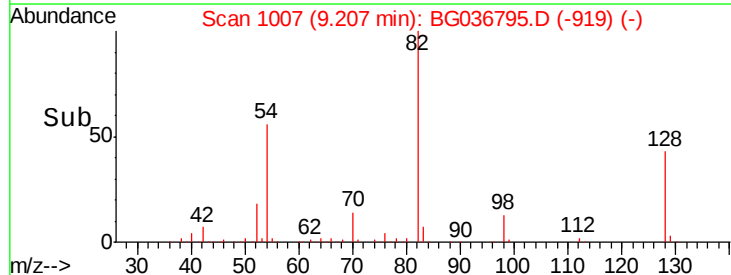


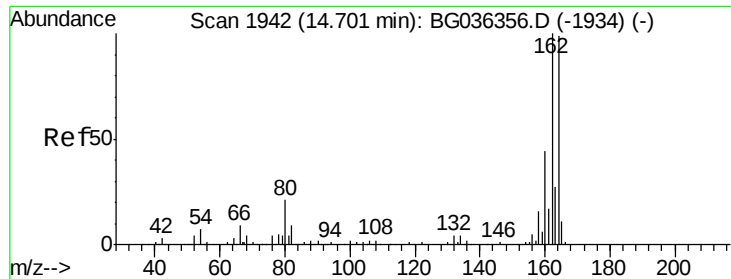
#23
Nitrobenzene-d5
Concen: 85.405 ng
RT: 9.21 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG036795.D
Acq: 18 Sep 2018 21:06

Tgt Ion: 82	Resp:	341547
Ion Ratio	Lower	Upper
82	100	
128	42.7	33.3 49.9
54	56.4	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

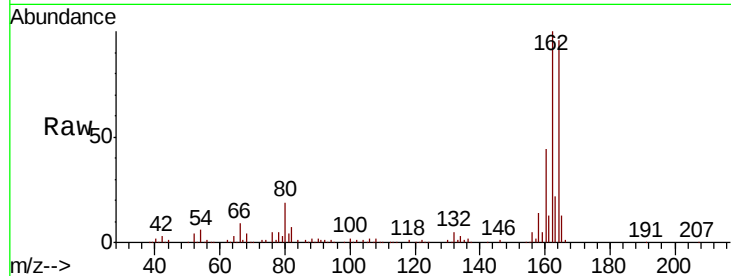




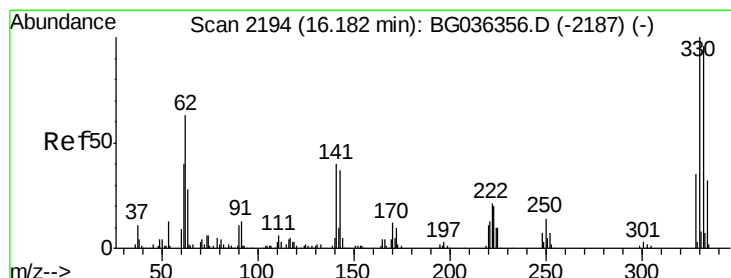
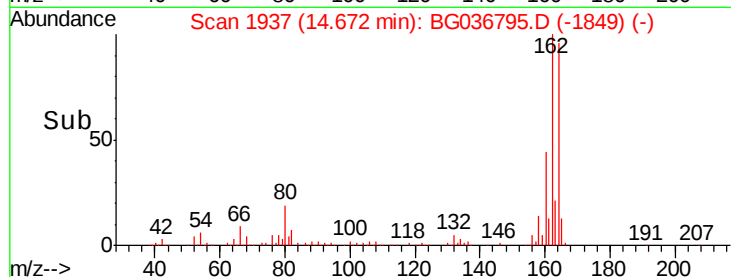
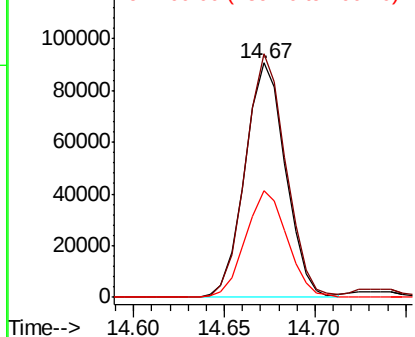
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.01 min
 Lab File: BG036795.D
 Acq: 18 Sep 2018 21:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:164 Resp: 141239
 Ion Ratio Lower Upper
 164 100
 162 103.8 80.7 121.1
 160 45.7 35.3 52.9

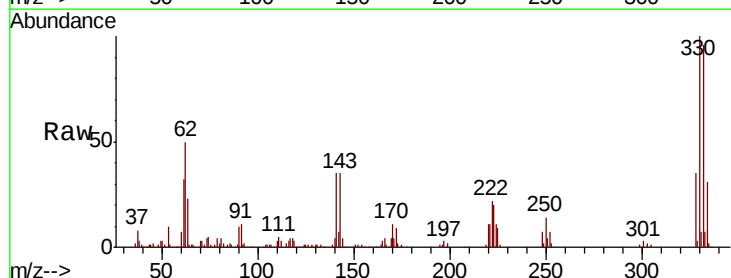


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

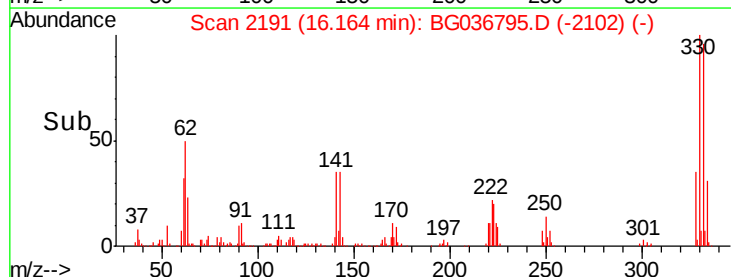
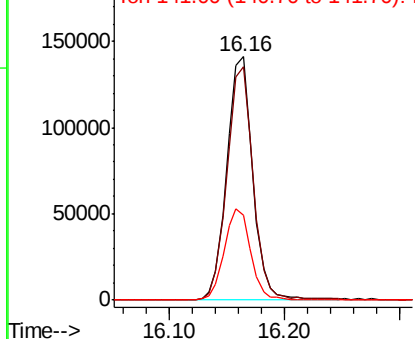


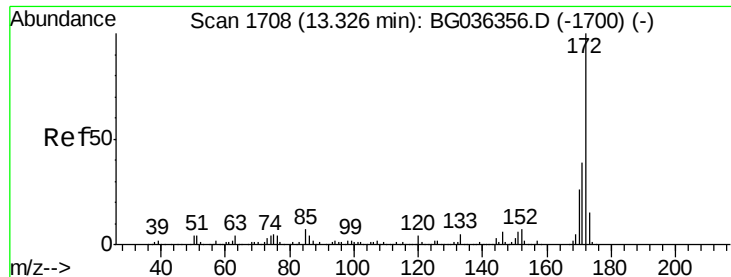
#41
 2,4,6-Tribromophenol
 Concen: 130.410 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036795.D
 Acq: 18 Sep 2018 21:06

Tgt Ion:330 Resp: 219779
 Ion Ratio Lower Upper
 330 100
 332 96.3 75.4 113.2
 141 38.0 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

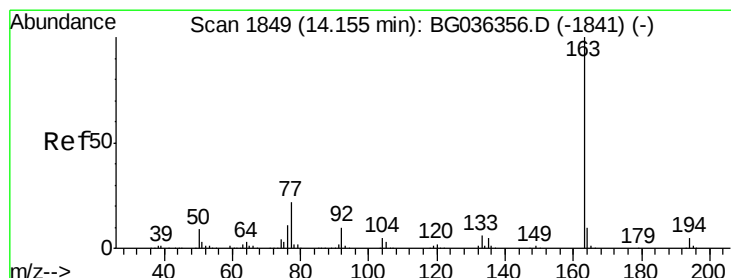
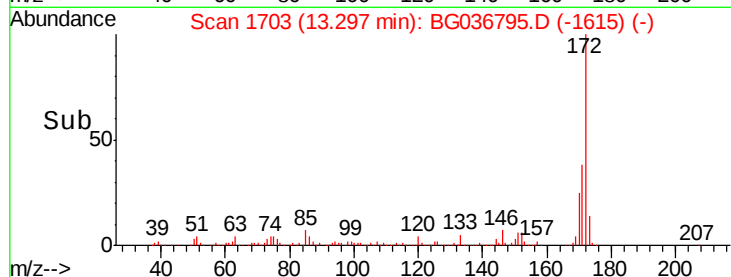
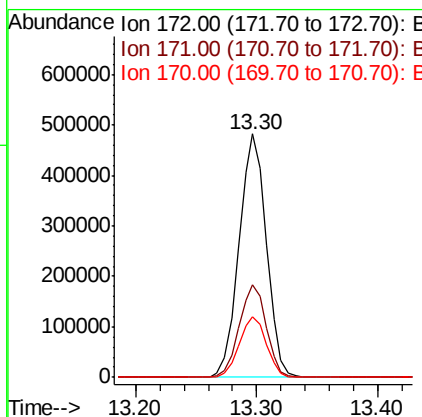
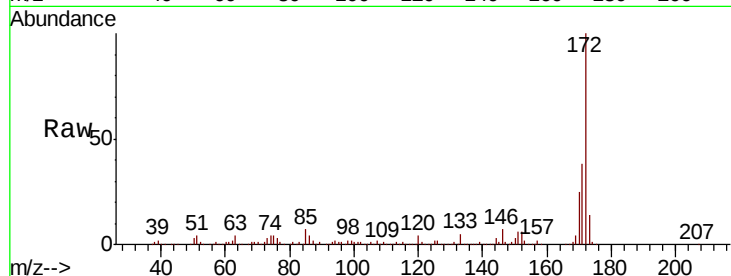




#44
2-Fluorobiphenyl
Concen: 76.813 ng
RT: 13.30 min Scan# 1703
Delta R.T. -0.01 min
Lab File: BG036795.D
Acq: 18 Sep 2018 21:06

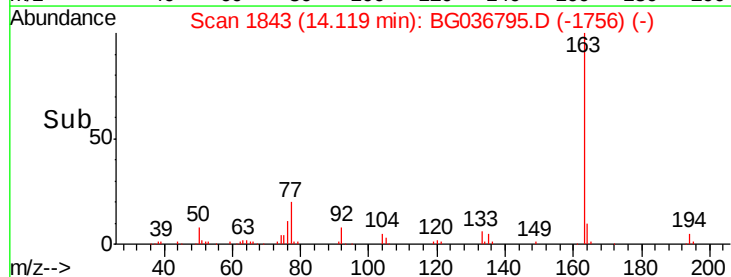
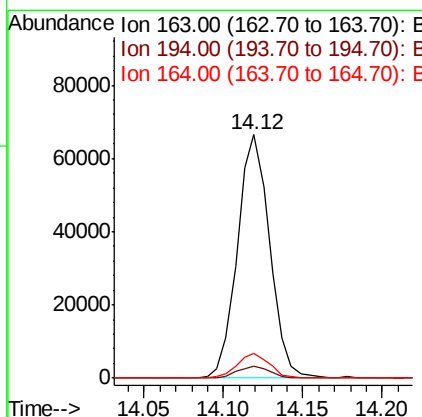
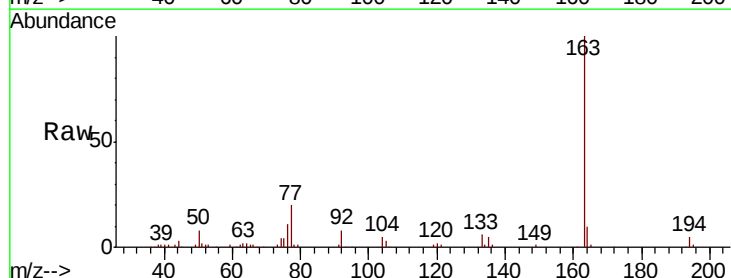
Instrument :
BNA_G
ClientSampleId :

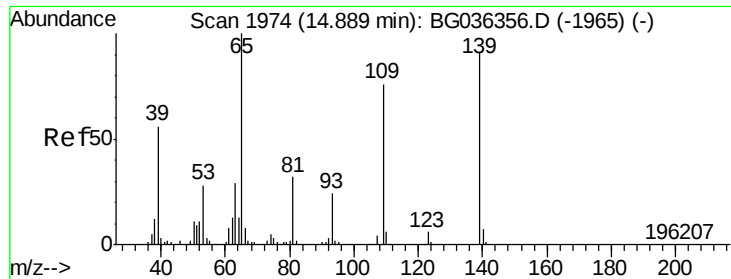
Tot Ion:172 Resp: 759833
Ion Ratio Lower Upper
172 100
171 37.9 31.3 46.9
170 24.7 21.0 31.6



#49
Dimethylphthalate
Concen: 8.142 ng
RT: 14.12 min Scan# 1843
Delta R.T. -0.02 min
Lab File: BG036795.D
Acq: 18 Sep 2018 21:06

Tgt Ion:163 Resp: 93897
Ion Ratio Lower Upper
163 100
194 5.0 4.0 6.0
164 10.1 8.1 12.1

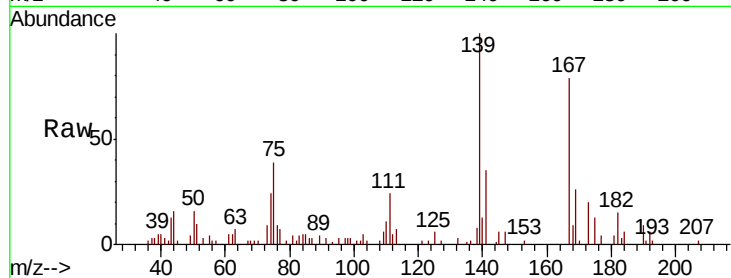




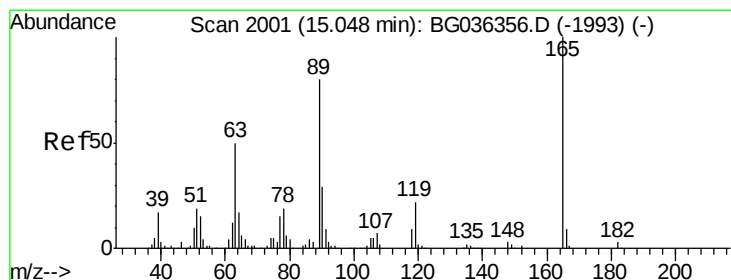
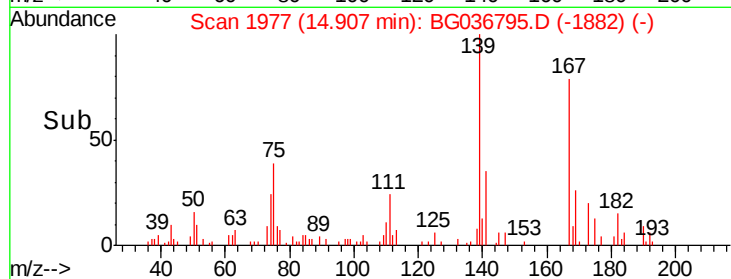
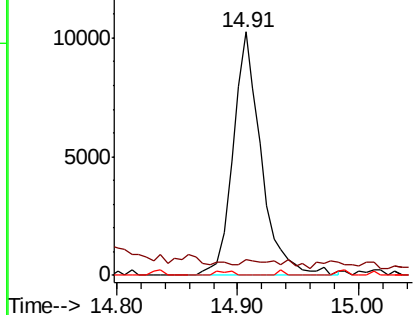
#55
4-Nitrophenol
Concen: 7.958 ng
RT: 14.91 min Scan# 1977
Delta R.T. 0.03 min
Lab File: BG036795.D
Acq: 18 Sep 2018 21:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	6.3	63.9	103.9#
65	0.0	90.0	130.0#

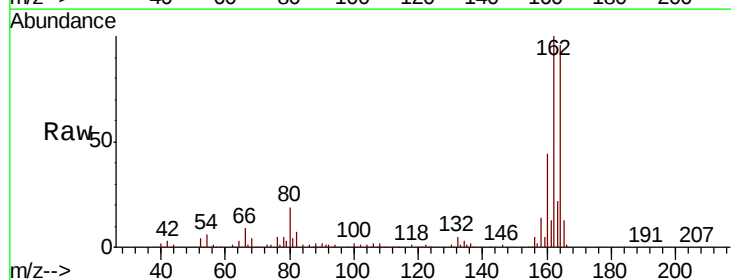


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

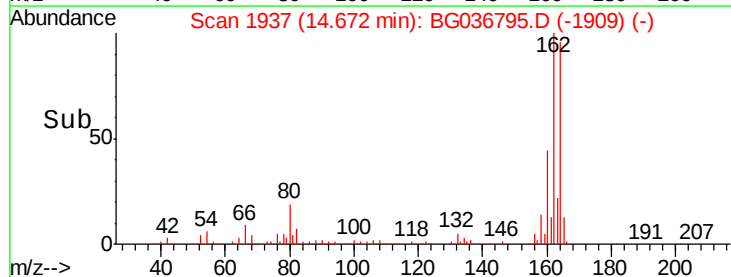
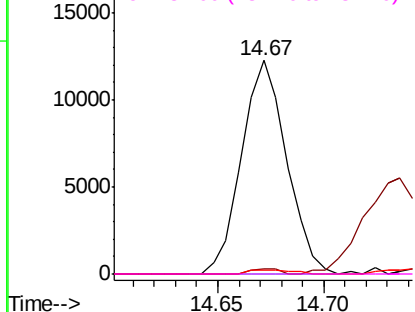


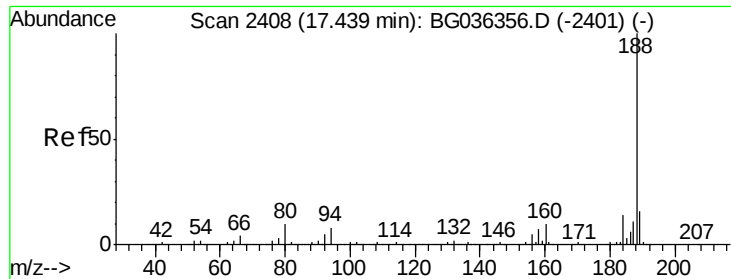
#56
2,4-Dinitrotoluene
Concen: 5.856 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.37 min
Lab File: BG036795.D
Acq: 18 Sep 2018 21:06

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.5	40.1	60.1#
89	2.1	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

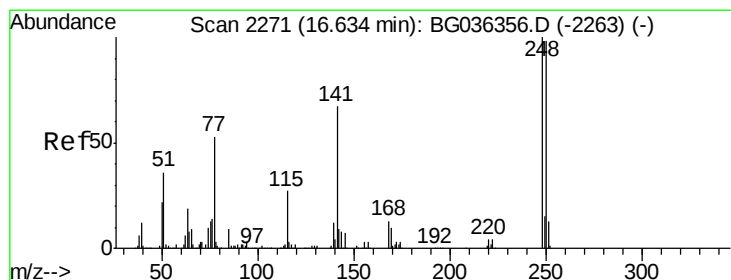
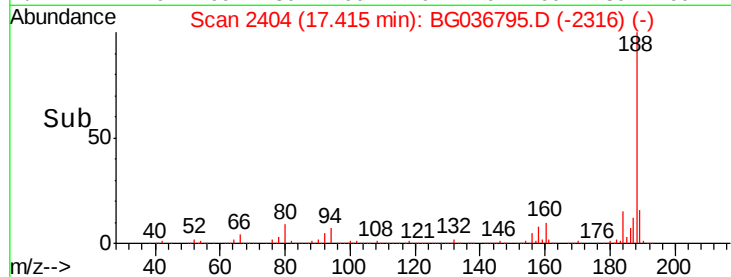
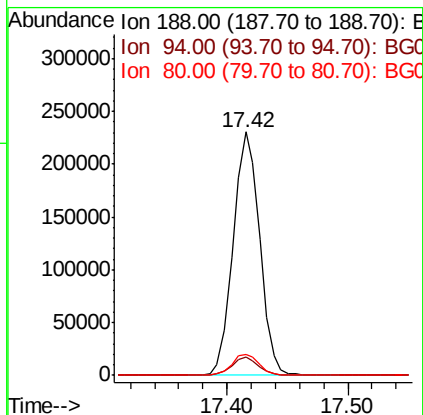
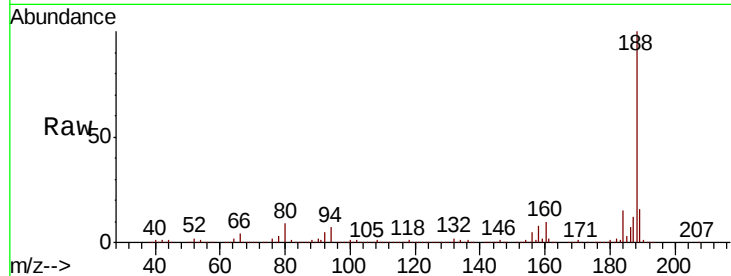




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BG036795.D
 Acq: 18 Sep 2018 21:06

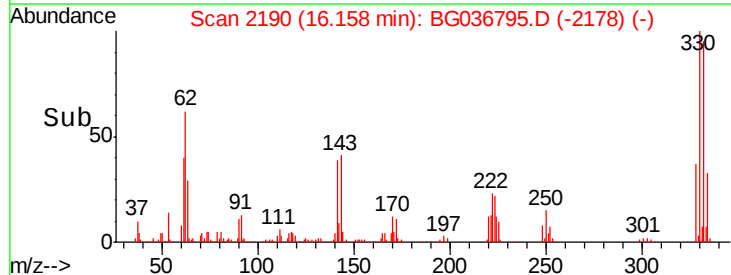
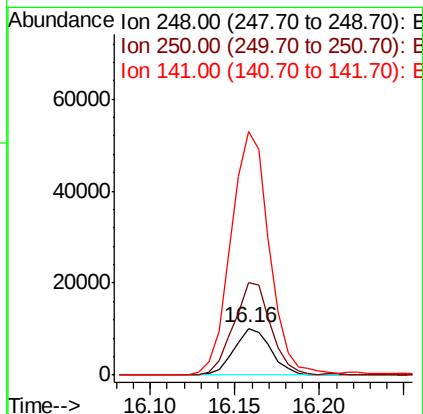
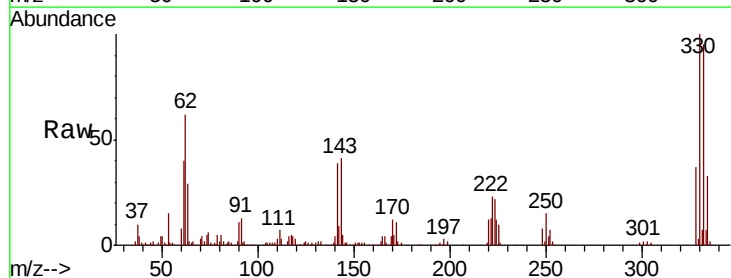
Instrument :
 BNA_G
 ClientSampleId :

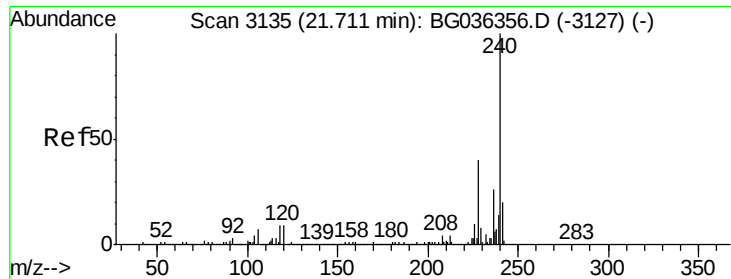
Tot Ion:188 Resp: 352895
 Ion Ratio Lower Upper
 188 100
 94 7.5 6.7 10.1
 80 8.7 8.1 12.1



#66
 4-Bromophenyl-phenylether
 Concen: 3.724 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.46 min
 Lab File: BG036795.D
 Acq: 18 Sep 2018 21:06

Tgt Ion:248 Resp: 15388
 Ion Ratio Lower Upper
 248 100
 250 198.0 78.1 117.1#
 141 517.4 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: BG036795.D

Acq: 18 Sep 2018 21:06

Instrument :

BNA_G

ClientSampled :

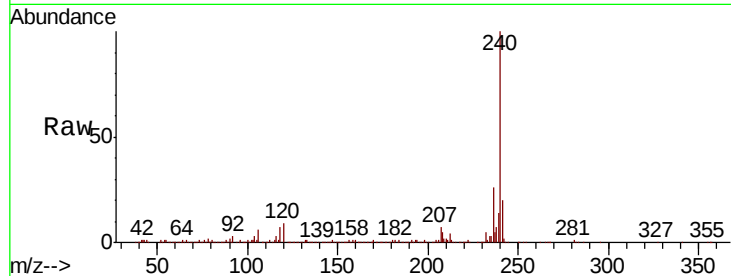
Tot Ion:240 Resp: 358475

Ion Ratio Lower Upper

240 100

120 8.6 6.9 10.3

236 26.1 21.2 31.8

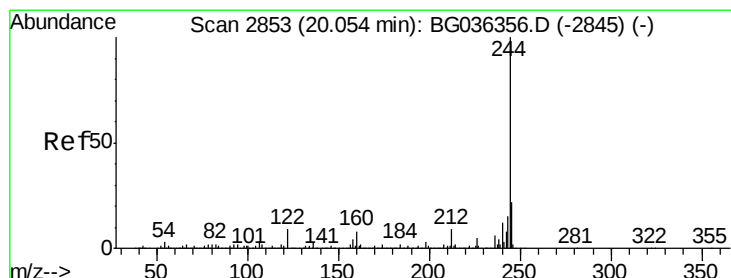
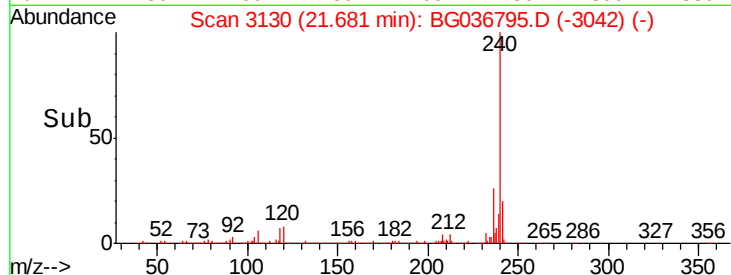
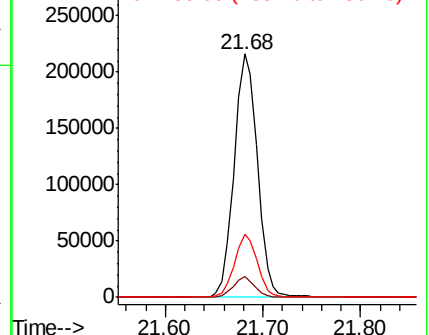


Abundance

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: 79.613 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036795.D

Acq: 18 Sep 2018 21:06

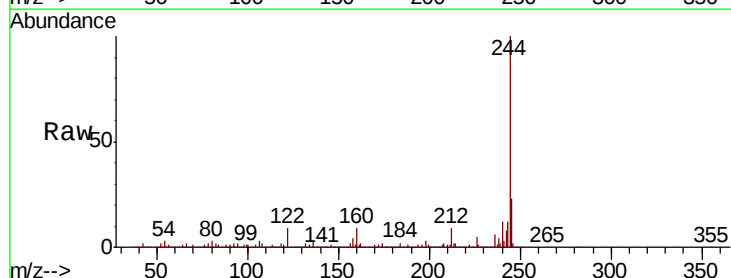
Tgt Ion:244 Resp: 1221019

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.6

122 9.3 7.1 10.7

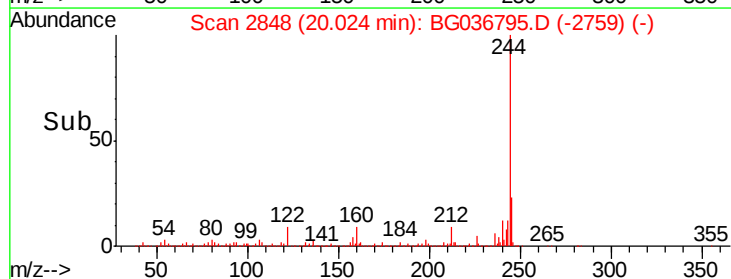
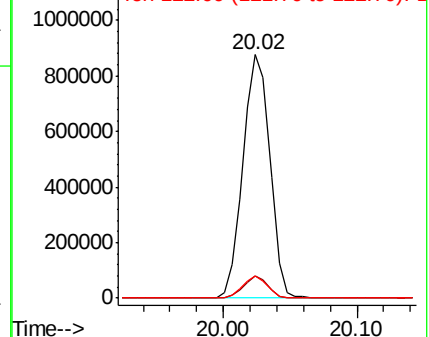


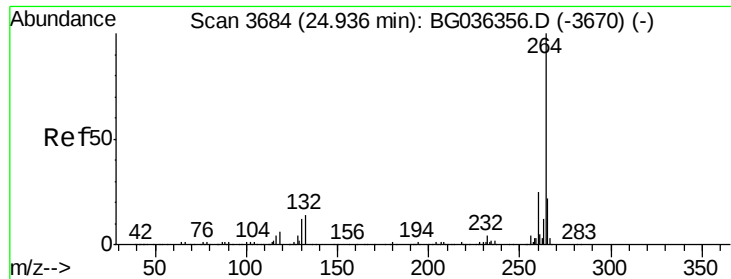
Abundance

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. -0.01 min
Lab File: BG036795.D
Acq: 18 Sep 2018 21:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.6	29.4
265	22.3	17.4	26.0

