

Data File : BG036695.D
Acq On : 13 Sep 2018 23:13
Operator : JU/SJ
Sample : J4875-19
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
091118-TIPC-F-U-B

Quant Time: Sep 14 01:25:03 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

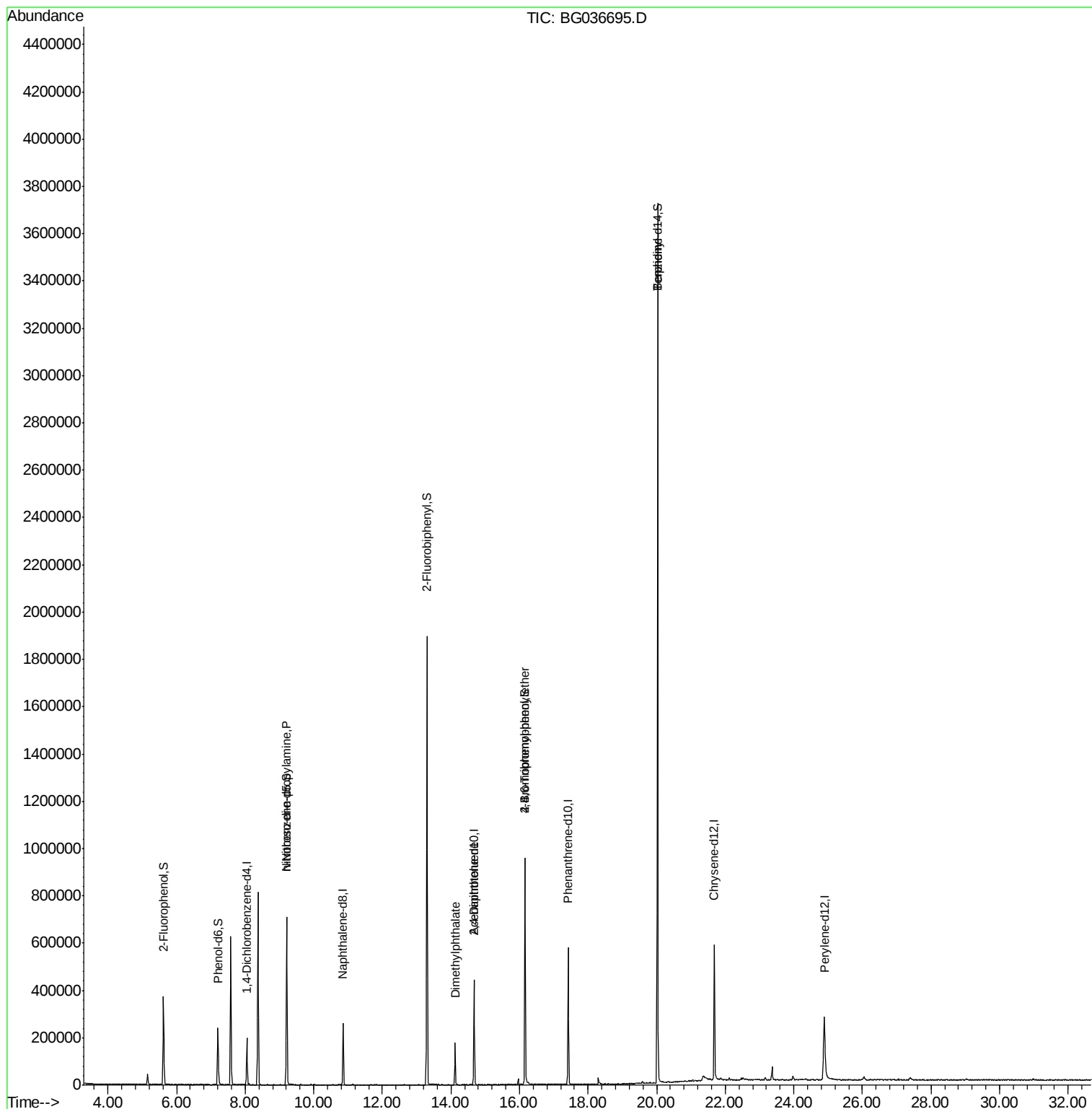
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	55473	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	228232	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	148360	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	367575	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	380204	20.00	ng	-0.02
86) Perylene-d12	24.89	264	351865	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	157151	44.94	ng	0.00
7) Phenol-d6	7.21	99	139401	27.84	ng	-0.01
23) Nitrobenzene-d5	9.21	82	432680	102.86	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	184262	104.09	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	970663	93.42	ng	-0.01
78) Terphenyl-d14	20.03	244	1626756	100.01	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	57300	15.313	ng	# 69
49) Dimethylphthalate	14.12	163	117127	9.668	ng	# 99
56) 2,4-Dinitrotoluene	14.67	165	18911	5.821	ng	# 21
66) 4-Bromophenyl-phenylether	16.16	248	12767	2.967	ng	# 1
76) Benzidine	20.03	184	29364	2.421	ng	# 95

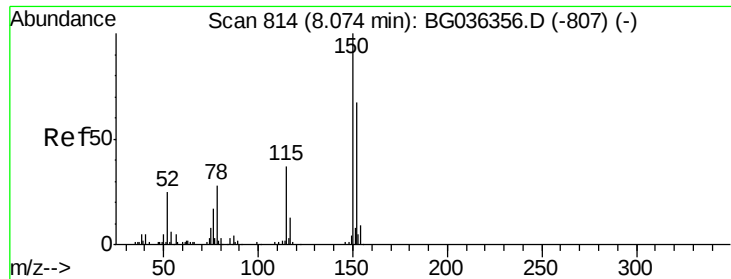
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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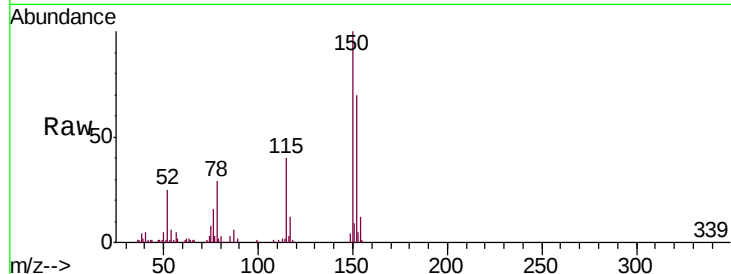


#1

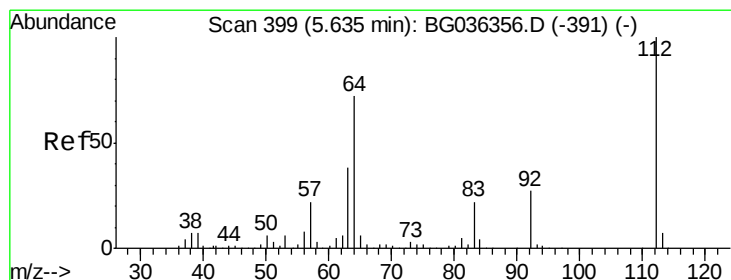
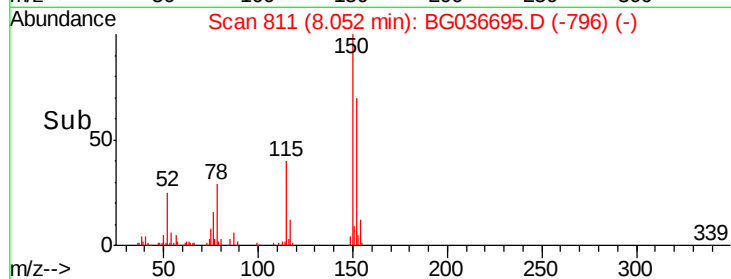
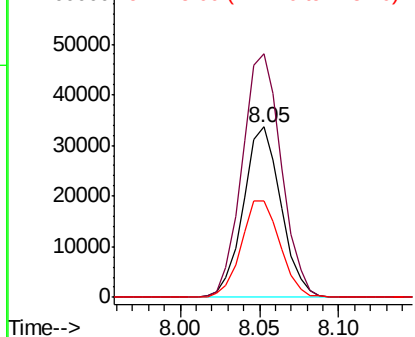
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036695.D
Acq: 13 Sep 2018 23:13

Instrument :
BNA_G
ClientSampleId :
091118-TIPC-F-U-B

Tgt Ion:152 Resp: 55473
Ion Ratio Lower Upper
152 100
150 142.9 119.5 179.3
115 56.8 44.5 66.7



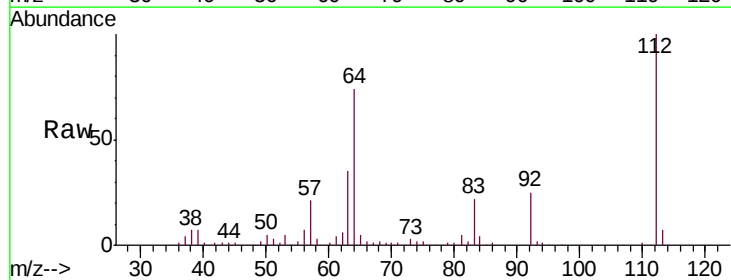
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



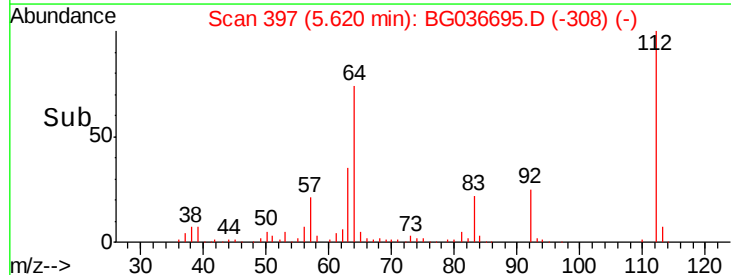
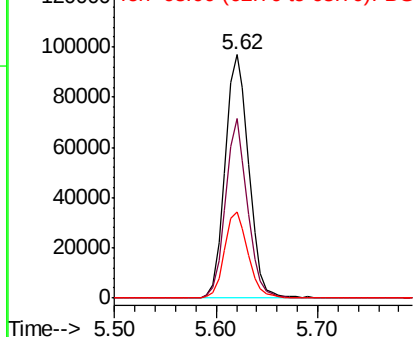
#5

2-Fluorophenol
Concen: 44.939 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.01 min
Lab File: BG036695.D
Acq: 13 Sep 2018 23:13

Tgt Ion:112 Resp: 157151
Ion Ratio Lower Upper
112 100
64 73.6 57.2 85.8
63 35.2 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: 27.842 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036695.D

Acq: 13 Sep 2018 23:13

Instrument :

BNA_G

ClientSampleId :

091118-TIPC-F-U-B

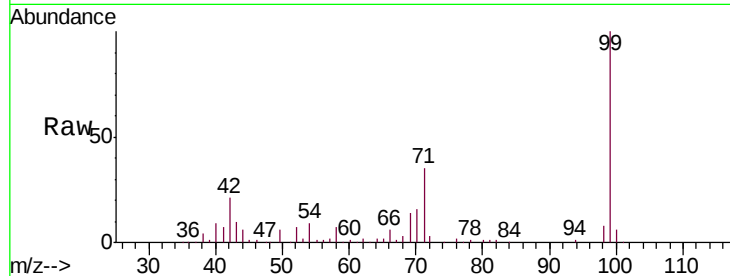
Tgt Ion: 99 Resp: 139401

Ion Ratio Lower Upper

99 100

42 20.8 16.5 24.7

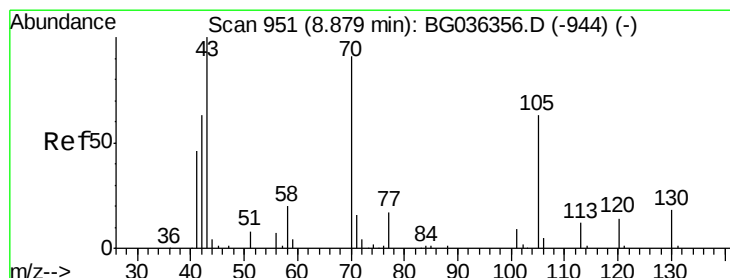
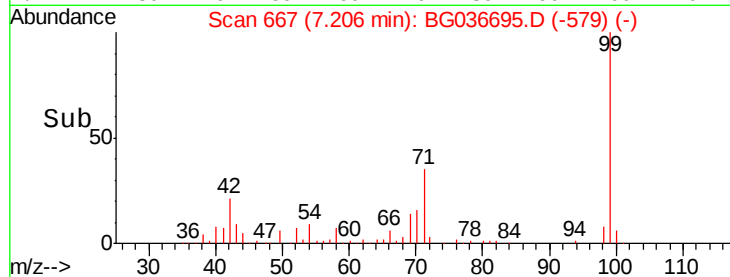
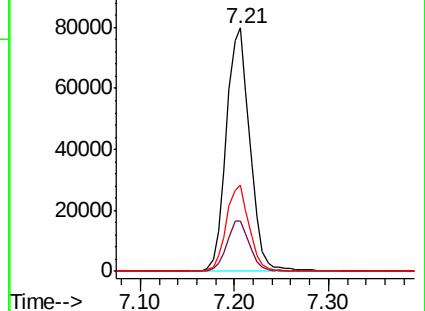
71 35.2 29.4 44.2



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: 15.313 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.35 min

Lab File: BG036695.D

Acq: 13 Sep 2018 23:13

Tgt Ion: 70 Resp: 57300

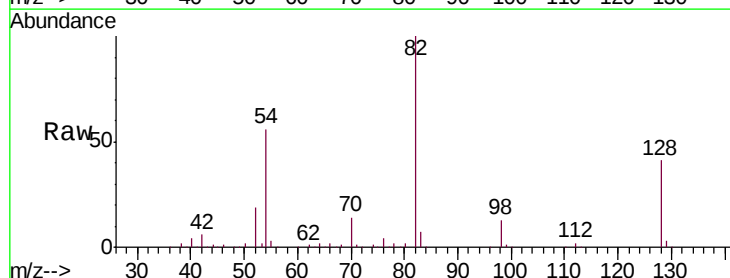
Ion Ratio Lower Upper

70 100

42 46.1 56.2 84.4#

101 0.0 7.8 11.6#

130 1.8 16.2 24.2#

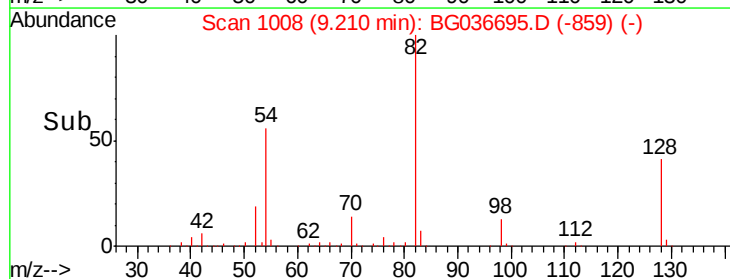
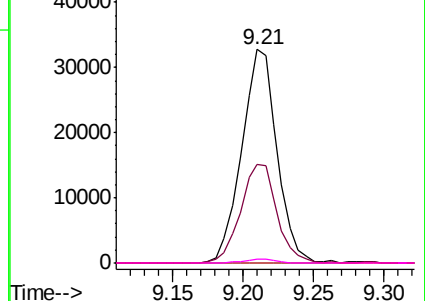


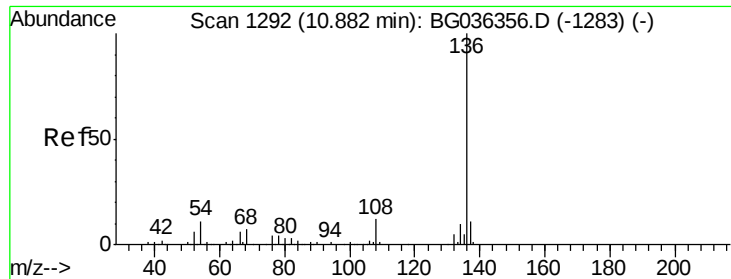
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

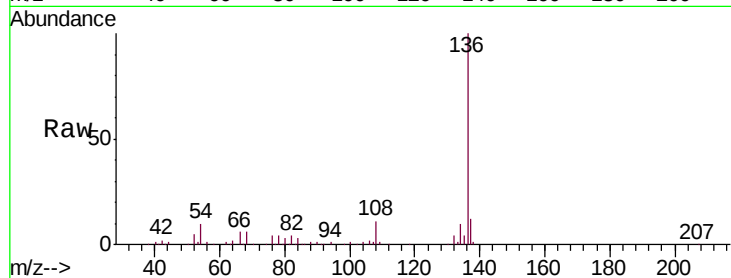




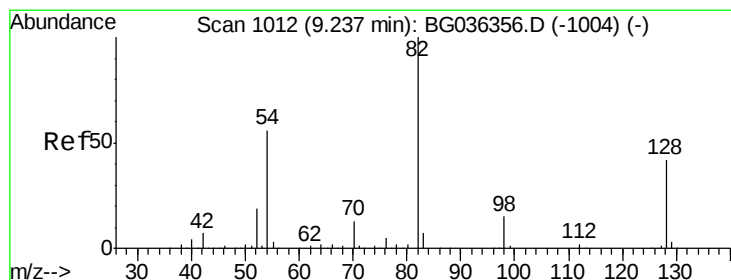
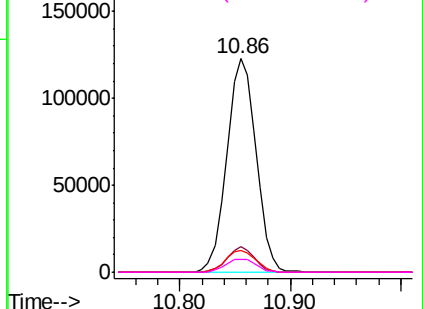
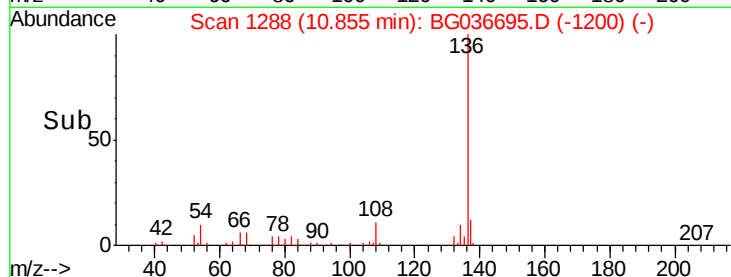
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036695.D
Acq: 13 Sep 2018 23:13

Instrument :
BNA_G
ClientSampleId :
091118-TIPC-F-U-B

Tgt Ion:	136	Resp:	228232
Ion	Ratio	Lower	Upper
136	100		
137	12.1	8.8	13.2
54	10.4	9.2	13.8
68	6.0	5.8	8.6

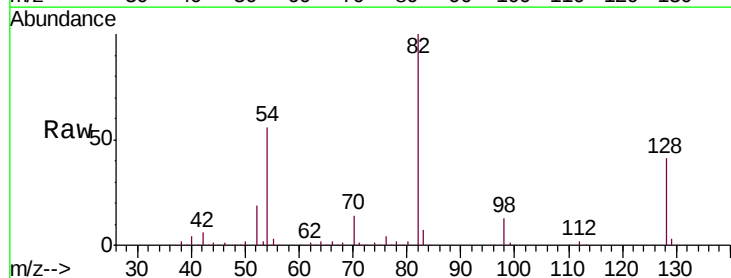


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

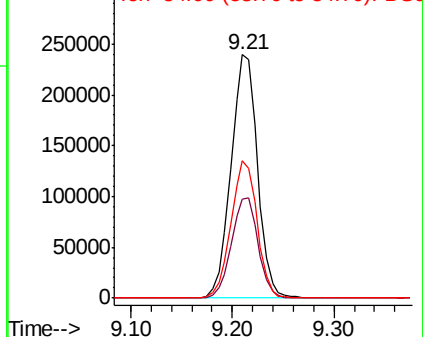
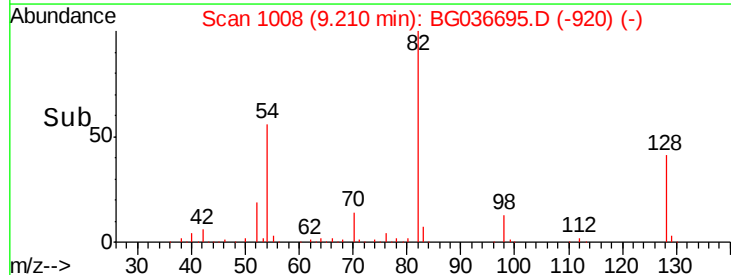


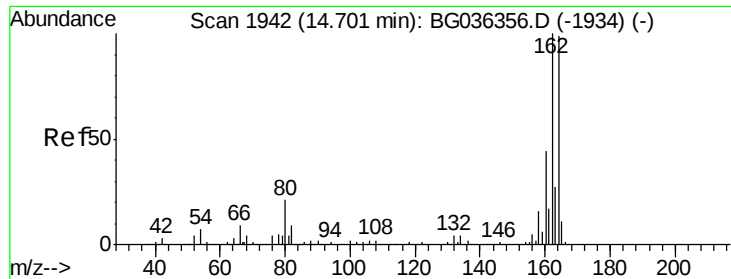
#23
Nitrobenzene-d5
Concen: 102.859 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036695.D
Acq: 13 Sep 2018 23:13

Tgt Ion:	82	Resp:	432680
Ion	Ratio	Lower	Upper
82	100		
128	40.9	33.3	49.9
54	56.3	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# 1938

Delta R.T. -0.01 min

Lab File: BG036695.D

Acq: 13 Sep 2018 23:13

Instrument :

BNA_G

ClientSampleId :

091118-TIPC-F-U-B

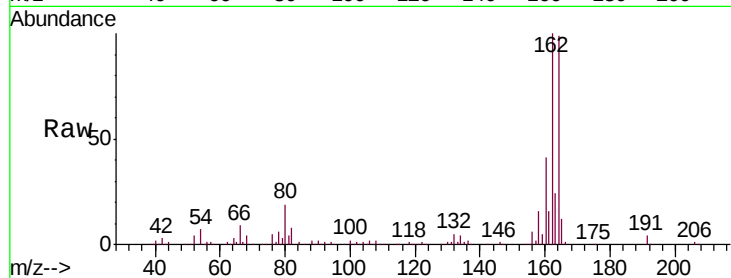
Tgt Ion:164 Resp: 148360

Ion Ratio Lower Upper

164 100

162 101.1 80.7 121.1

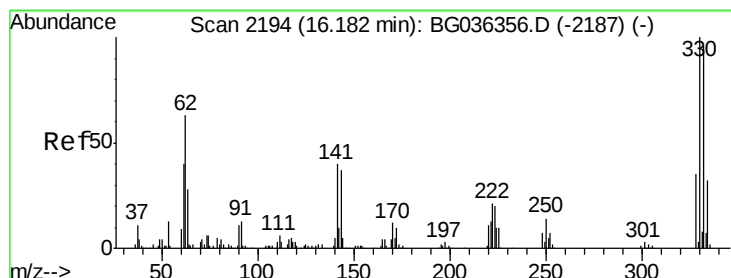
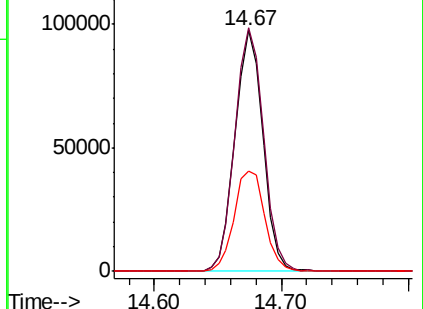
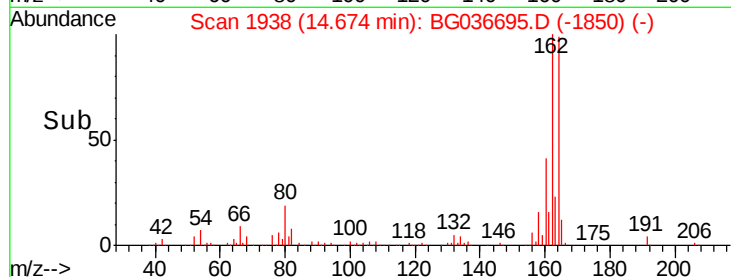
160 41.7 35.3 52.9



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: 104.087 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036695.D

Acq: 13 Sep 2018 23:13

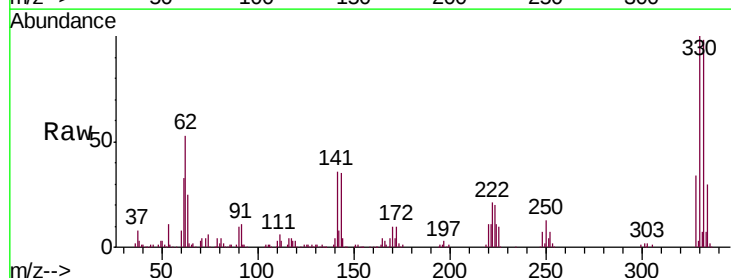
Tgt Ion:330 Resp: 184262

Ion Ratio Lower Upper

330 100

332 95.3 75.4 113.2

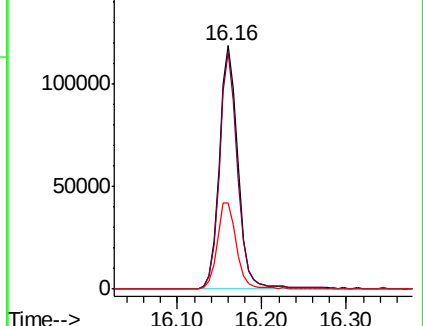
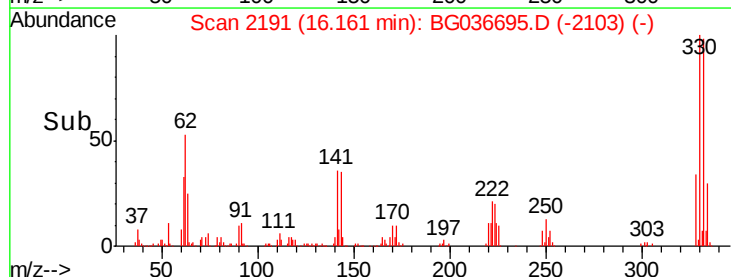
141 37.3 30.7 46.1



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

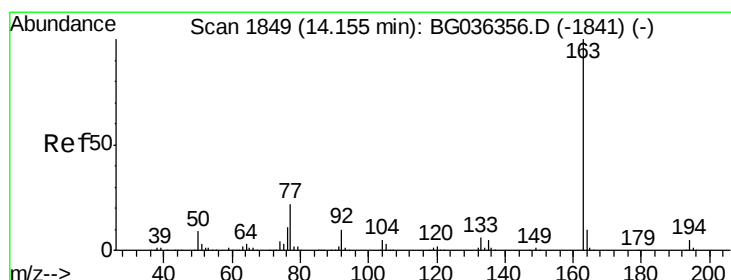
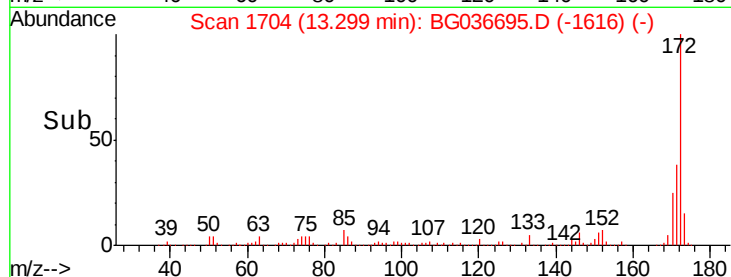
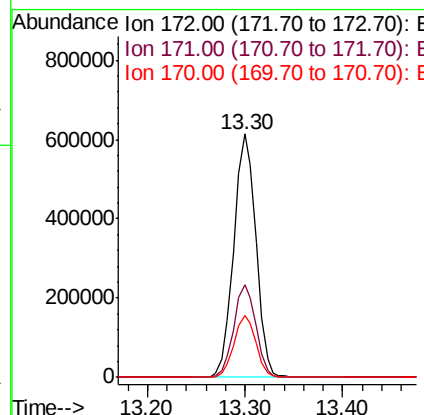
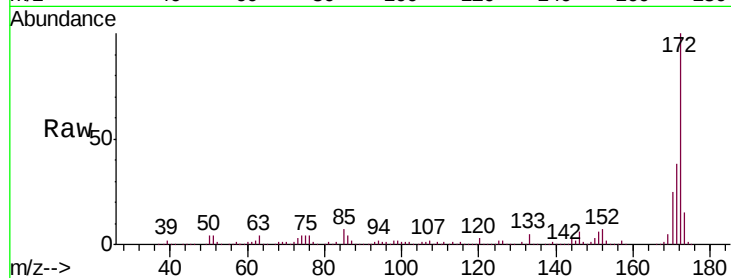




#44
 2-Fluorobiphenyl
 Concen: 93.417 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036695.D
 Acq: 13 Sep 2018 23:13

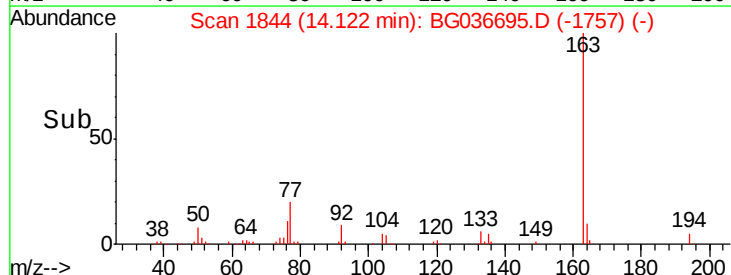
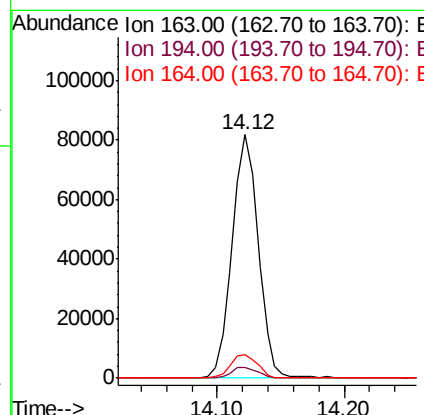
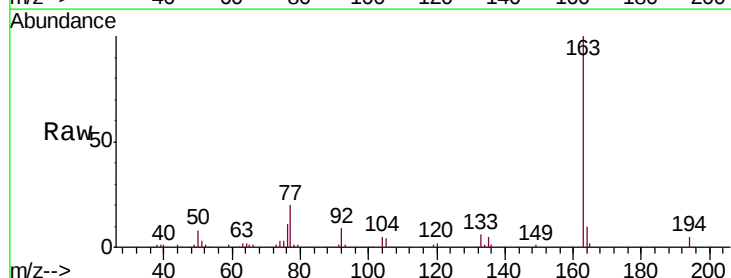
Instrument :
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 091118-TIPC-F-U-B

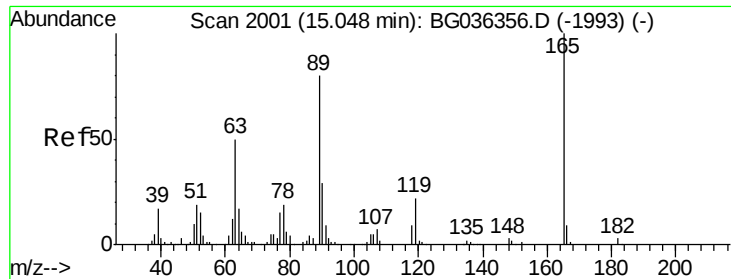
Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.3	46.9
170	25.5	21.0	31.6



#49
 Dimethylphthalate
 Concen: 9.668 ng
 RT: 14.12 min Scan# 1844
 Delta R.T. -0.02 min
 Lab File: BG036695.D
 Acq: 13 Sep 2018 23:13

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	4.0	6.0
164	9.8	8.1	12.1

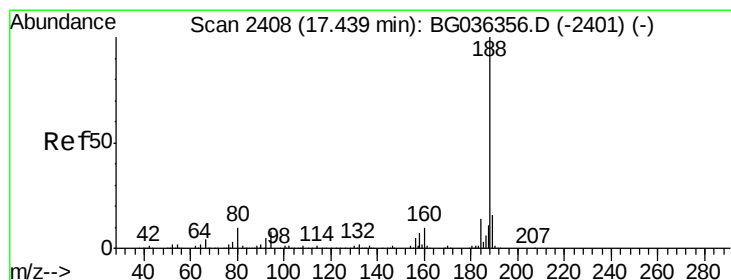
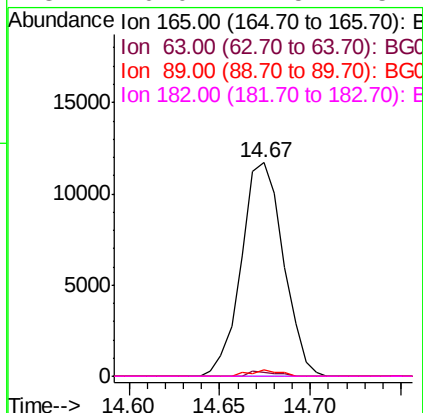
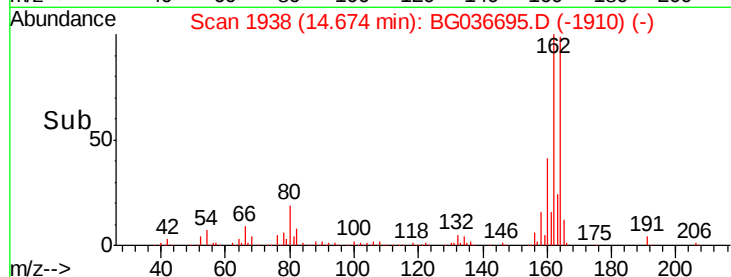
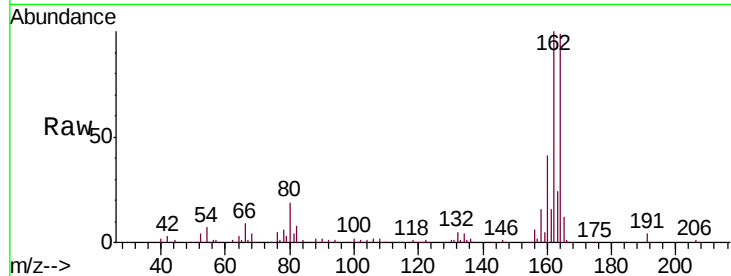




#56
 2,4-Dinitrotoluene
 Concen: 5.821 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.36 min
 Lab File: BG036695.D
 Acq: 13 Sep 2018 23:13

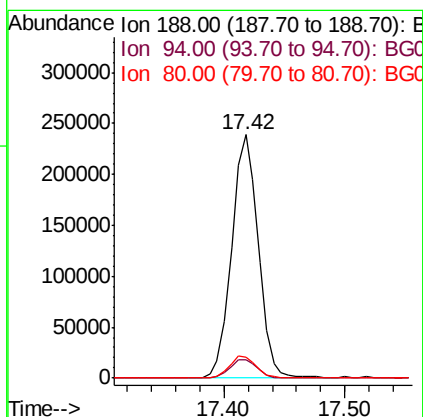
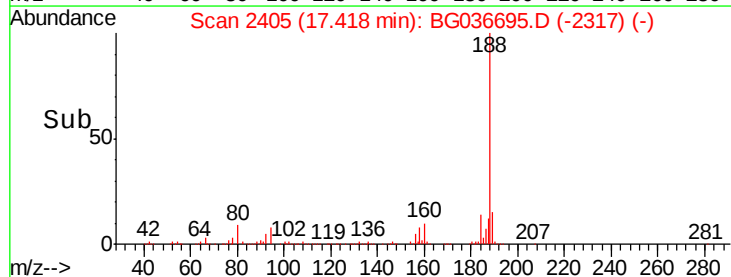
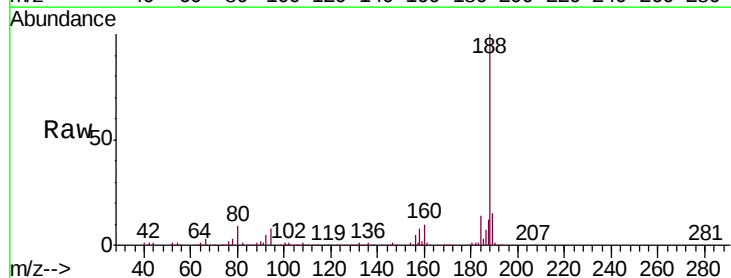
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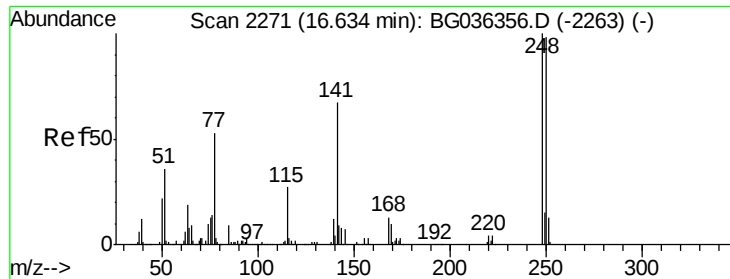
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	40.1	60.1#
89	2.9	63.7	95.5#
182	0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BG036695.D
 Acq: 13 Sep 2018 23:13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.7	10.1
80	8.5	8.1	12.1

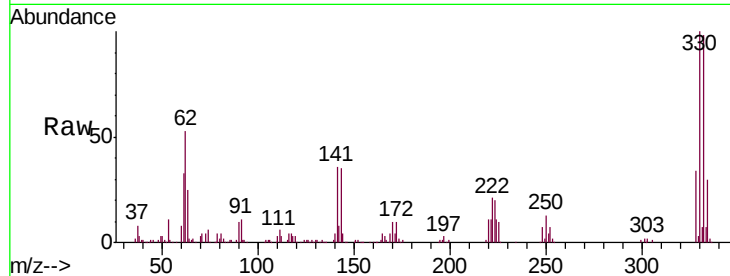




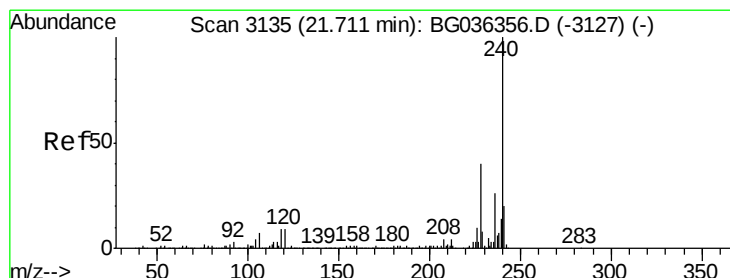
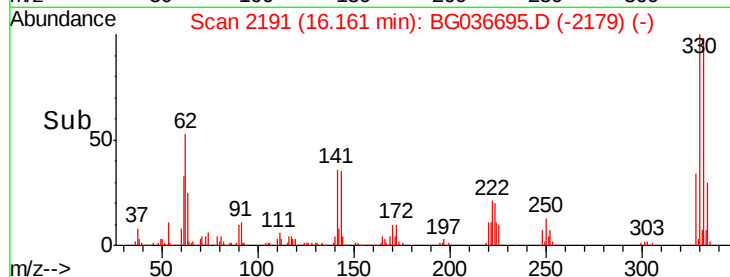
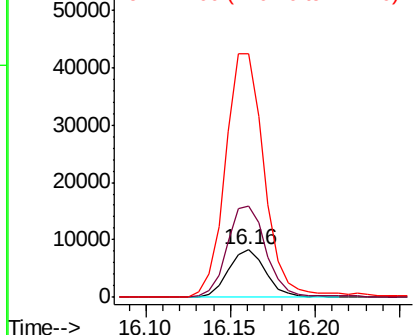
#66
4-Bromophenyl-phenylether
Concen: 2.967 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.46 min
Lab File: BG036695.D
Acq: 13 Sep 2018 23:13

Instrument :
BNA_G
ClientSampleId :
091118-TIPC-F-U-B

Tgt Ion:248 Resp: 12767
Ion Ratio Lower Upper
248 100
250 194.1 78.1 117.1#
141 514.2 53.7 80.5#

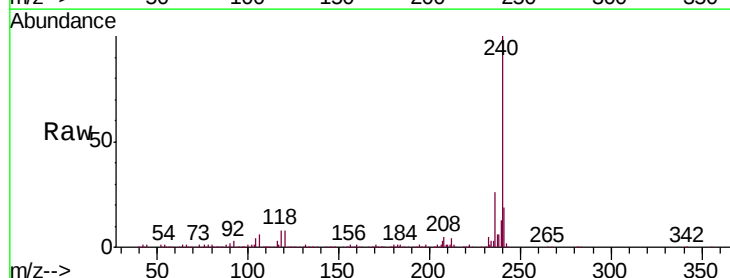


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

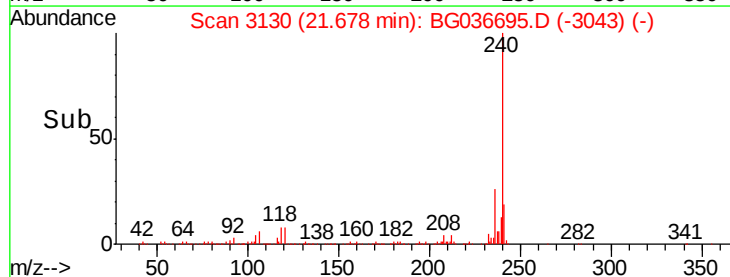
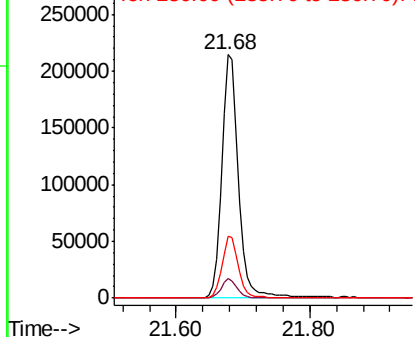


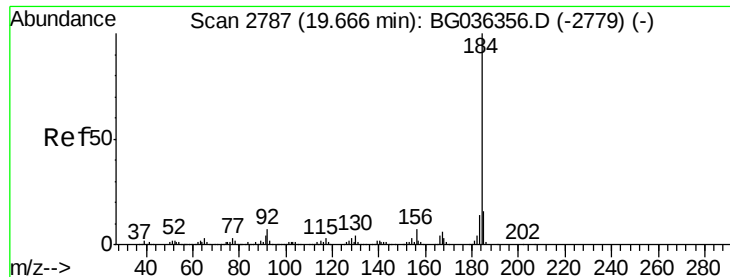
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BG036695.D
Acq: 13 Sep 2018 23:13

Tgt Ion:240 Resp: 380204
Ion Ratio Lower Upper
240 100
120 8.2 6.9 10.3
236 25.6 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: 2.421 ng

RT: 20.03 min Scan# 2849

Delta R.T. 0.38 min

Lab File: BG036695.D

Acq: 13 Sep 2018 23:13

Instrument :

BNA_G

ClientSampleId :

091118-TIPC-F-U-B

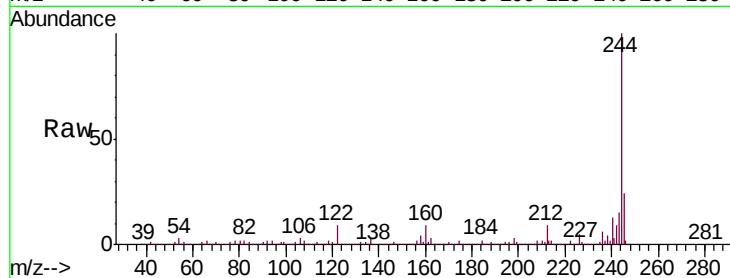
Tgt Ion:184 Resp: 29364

Ion Ratio Lower Upper

184 100

185 16.2 12.6 18.8

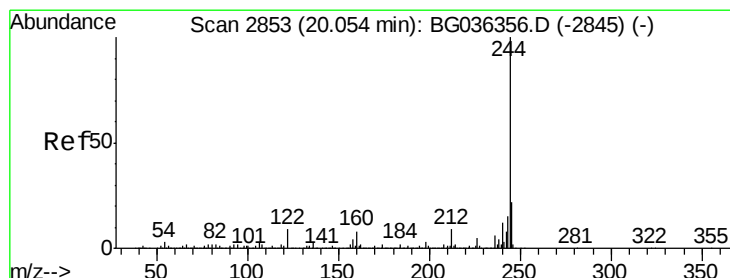
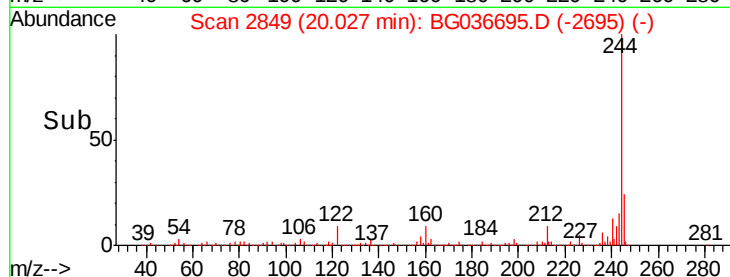
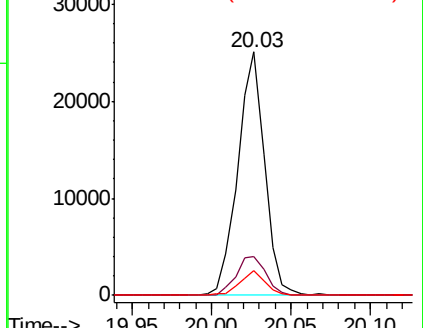
183 10.2 10.9 16.3#



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: 100.006 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG036695.D

Acq: 13 Sep 2018 23:13

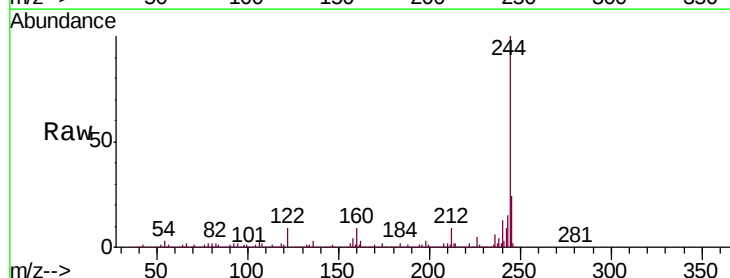
Tgt Ion:244 Resp: 1626756

Ion Ratio Lower Upper

244 100

212 9.2 7.0 10.6

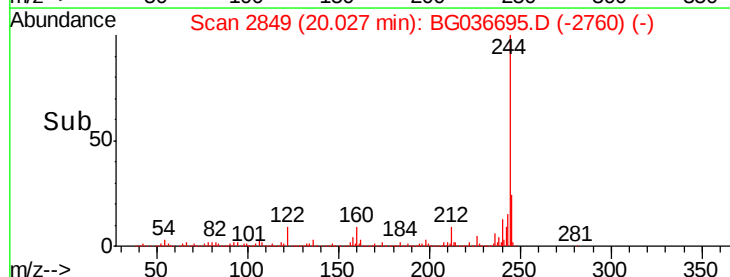
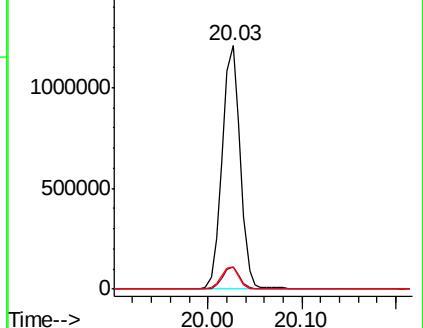
122 9.1 7.1 10.7

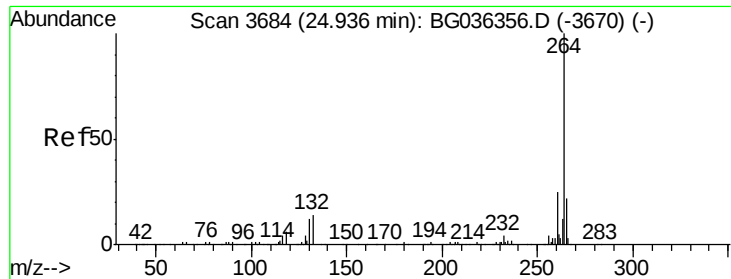


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3676
Delta R.T. -0.02 min
Lab File: BG036695.D
Acq: 13 Sep 2018 23:13

Instrument :
BNA_G
ClientSampleId :
091118-TIPC-F-U-B

Tgt Ion:	264	Resp:	351865
Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.6	29.4
265	21.2	17.4	26.0

