

Data File : BG036693.D
Acq On : 13 Sep 2018 21:54
Operator : JU/SJ
Sample : J4875-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Sep 14 01:24:41 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

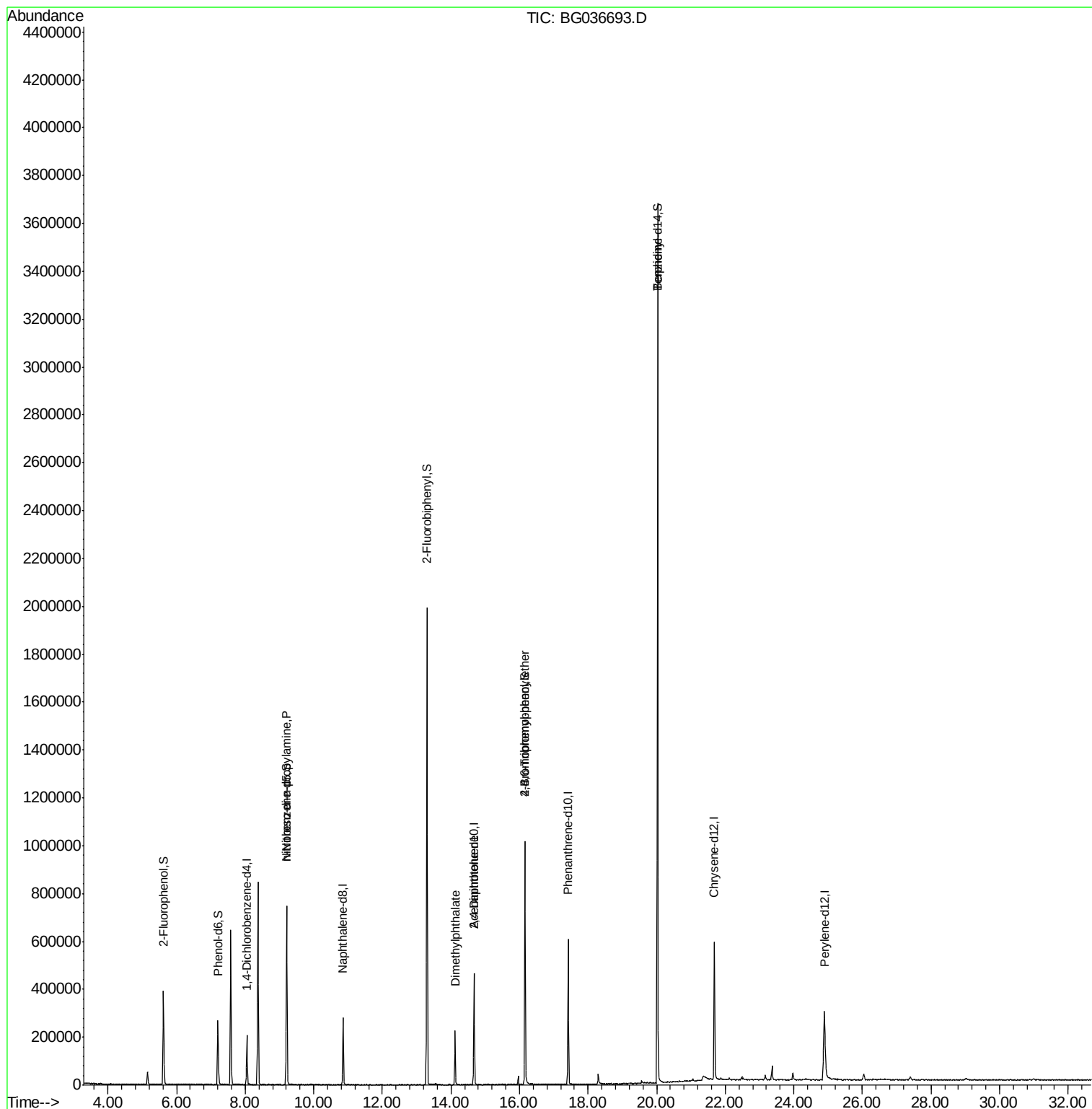
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	57889	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	235406	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	154965	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	388098	20.00	ng	0.00
75) Chrysene-d12	21.68	240	395634	20.00	ng	-0.02
86) Perylene-d12	24.89	264	357063	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	165283	45.29	ng	0.00
7) Phenol-d6	7.20	99	158591	30.35	ng	-0.02
23) Nitrobenzene-d5	9.21	82	455724	105.04	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	187357	101.32	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	1025010	94.44	ng	0.00
78) Terphenyl-d14	20.03	244	1718127	101.50	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	61442	15.735	ng	Qvalue 68
49) Dimethylphthalate	14.12	163	152281	12.034	ng	99
56) 2,4-Dinitrotoluene	14.68	165	19749	5.820	ng	# 21
66) 4-Bromophenyl-phenylether	16.16	248	13093	2.881	ng	# 1
76) Benzidine	20.03	184	30534	2.419	ng	96

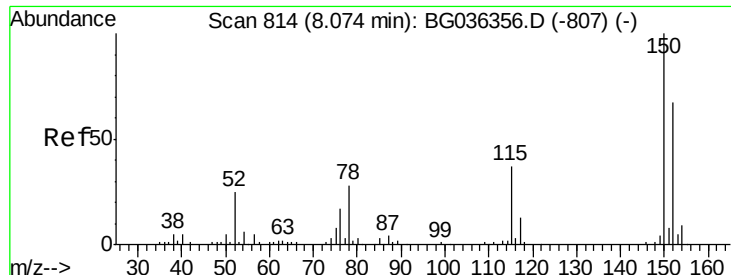
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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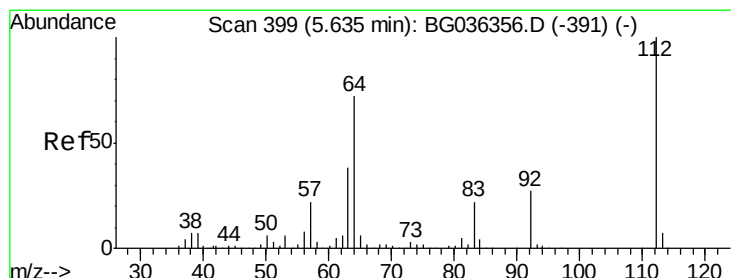
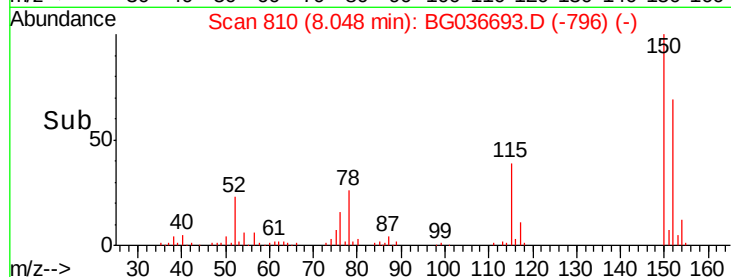
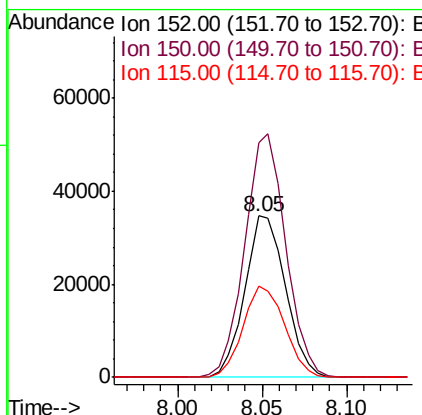
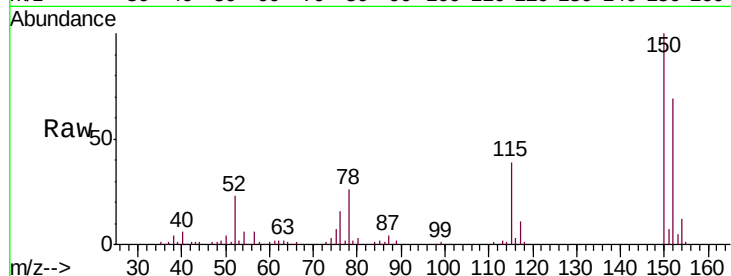


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 810
 Delta R.T. -0.02 min
 Lab File: BG036693.D
 Acq: 13 Sep 2018 21:54

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

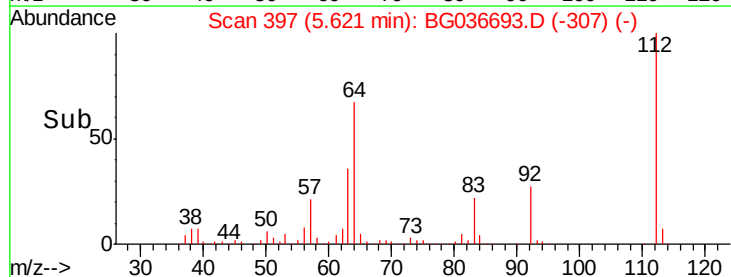
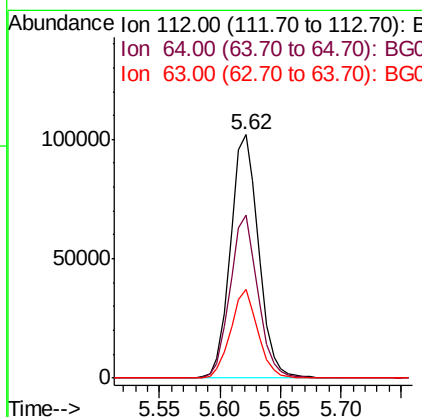
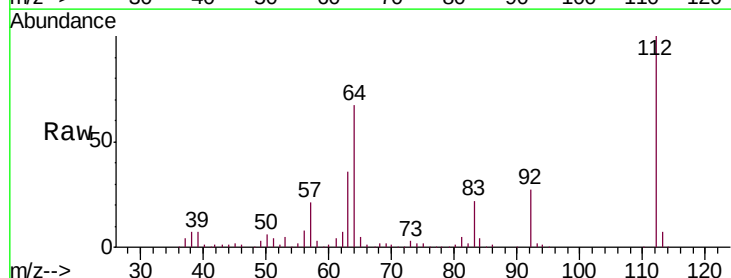
Tgt Ion	Ratio	Lower	Upper
152	100		
150	145.4	119.5	179.3
115	56.4	44.5	66.7

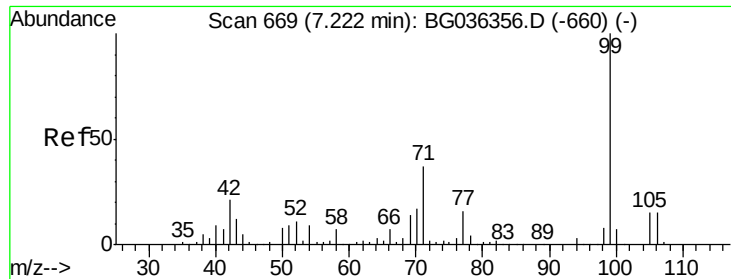


#5

2-Fluorophenol
 Concen: 45.291 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.00 min
 Lab File: BG036693.D
 Acq: 13 Sep 2018 21:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.8	57.2	85.8
63	36.3	30.8	46.2





#7

Phenol-d6

Concen: 30.353 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.02 min

Lab File: BG036693.D

Acq: 13 Sep 2018 21:54

Instrument :

BNA_G

ClientSampleId :

091118-TIPC-F-D-B

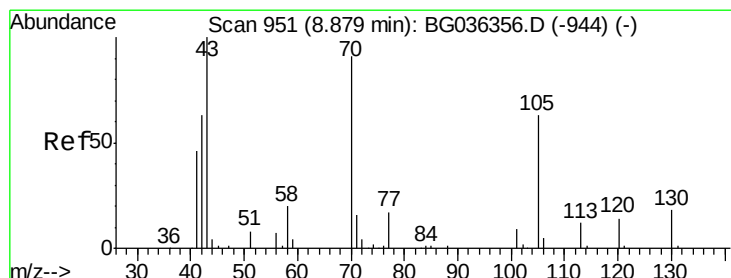
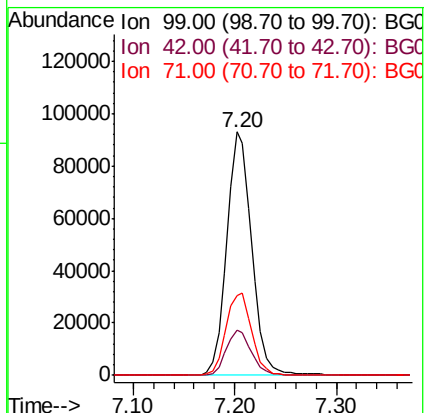
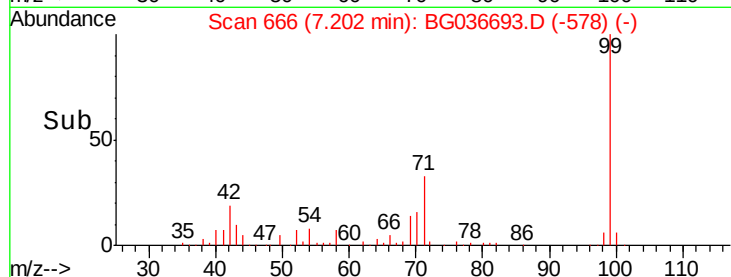
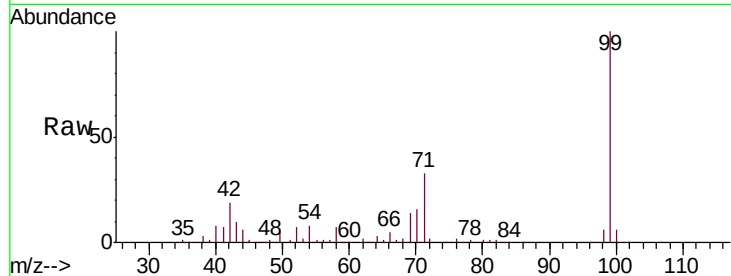
Tgt Ion: 99 Resp: 158591

Ion Ratio Lower Upper

99 100

42 18.8 16.5 24.7

71 33.0 29.4 44.2



#19

n-Nitroso-di-n-propylamine

Concen: 15.735 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.35 min

Lab File: BG036693.D

Acq: 13 Sep 2018 21:54

Tgt Ion: 70 Resp: 61442

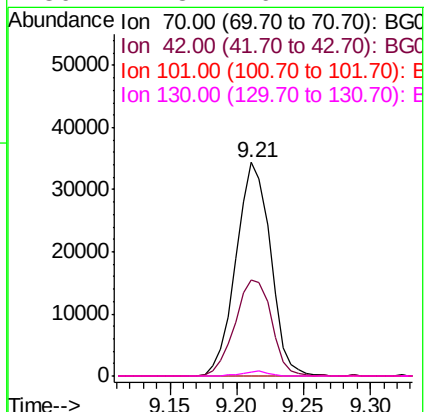
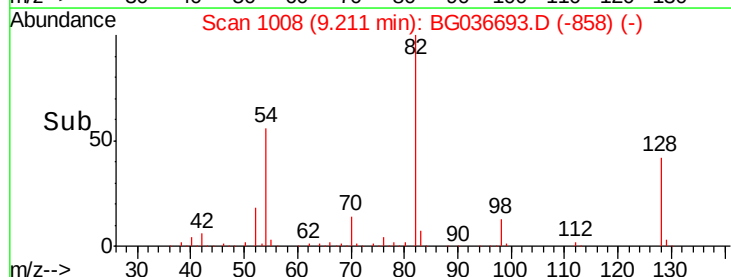
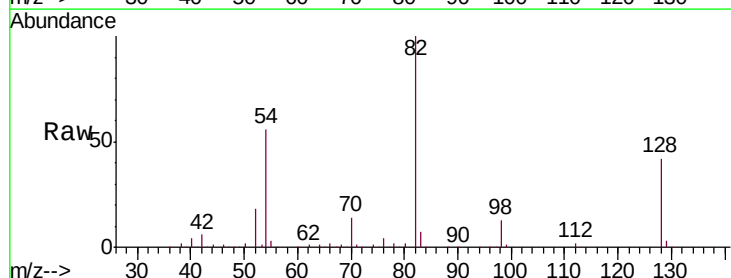
Ion Ratio Lower Upper

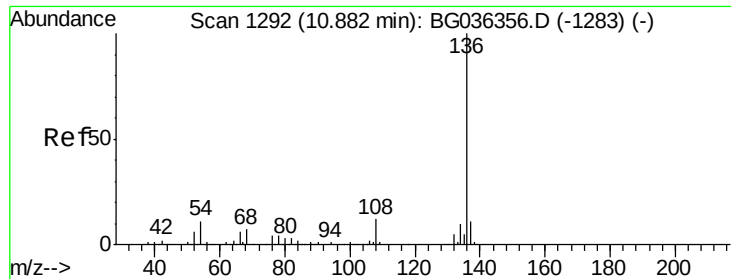
70 100

42 45.1 56.2 84.4#

101 0.0 7.8 11.6#

130 1.8 16.2 24.2#

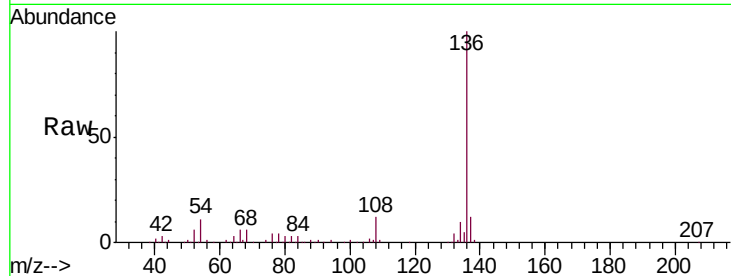




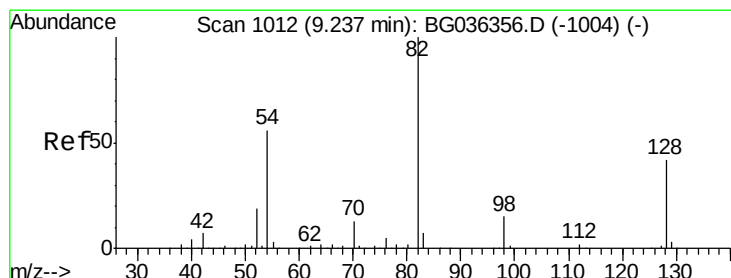
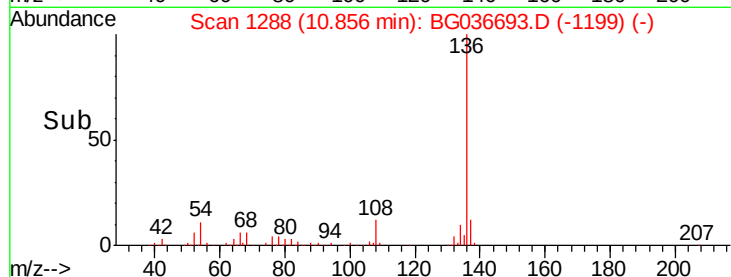
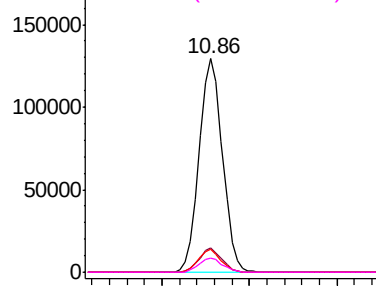
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036693.D
Acq: 13 Sep 2018 21:54

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

Tgt Ion:	136	Resp:	235406
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	10.6	9.2	13.8
68	6.4	5.8	8.6

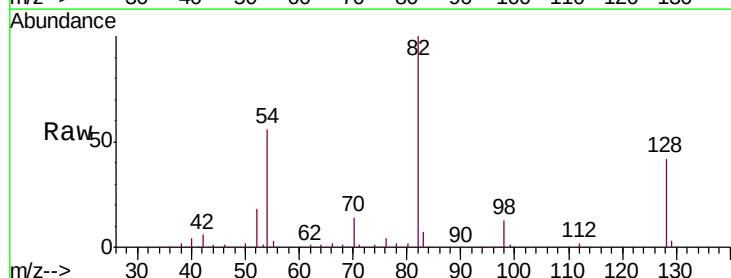


Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

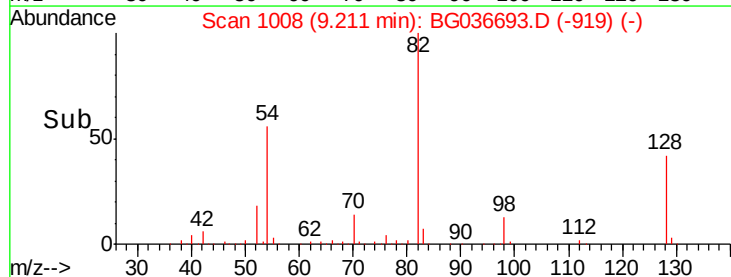
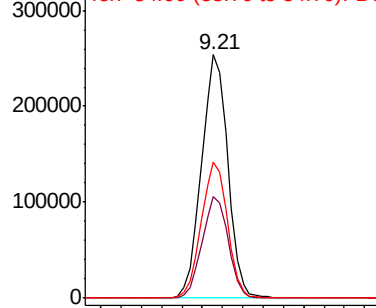


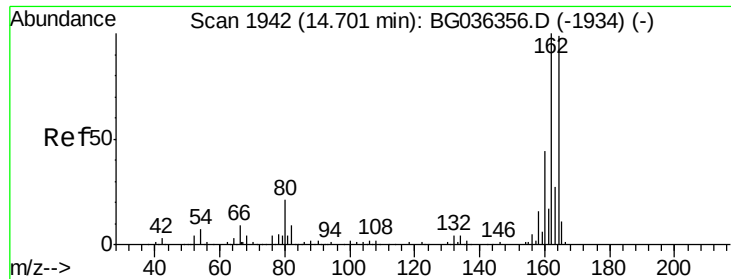
#23
Nitrobenzene-d5
Concen: 105.036 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036693.D
Acq: 13 Sep 2018 21:54

Tgt Ion:	82	Resp:	455724
Ion	Ratio	Lower	Upper
82	100		
128	41.7	33.3	49.9
54	56.1	45.1	67.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
300000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC

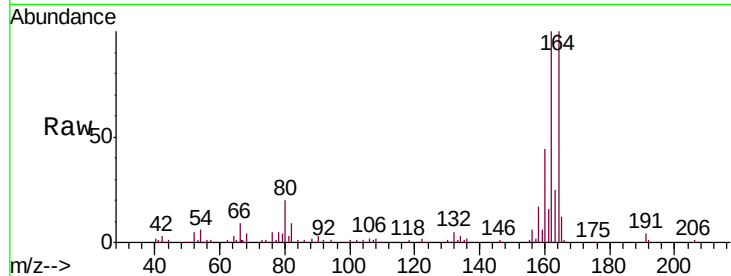




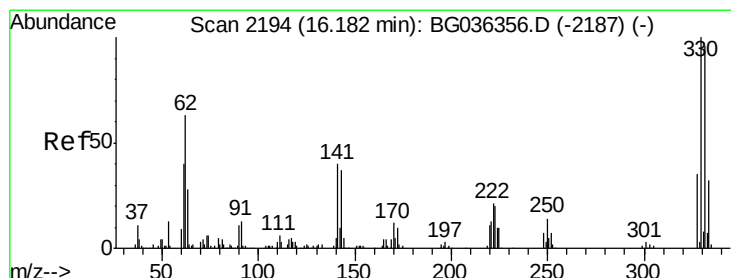
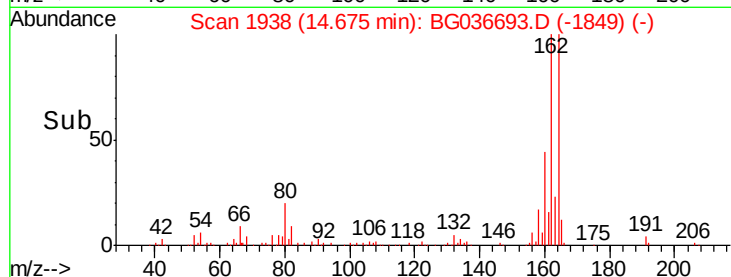
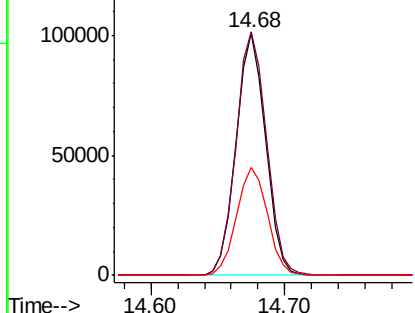
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: BG036693.D
 Acq: 13 Sep 2018 21:54

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

Tgt Ion:164 Resp: 154965
 Ion Ratio Lower Upper
 164 100
 162 100.2 80.7 121.1
 160 44.2 35.3 52.9

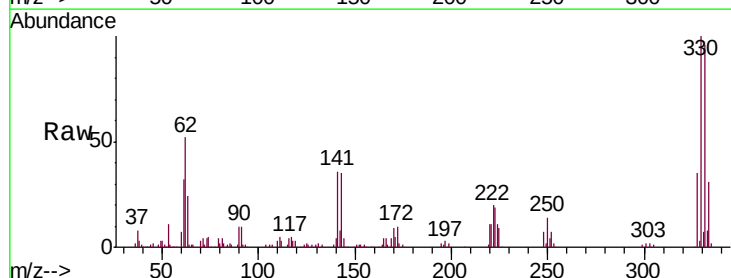


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

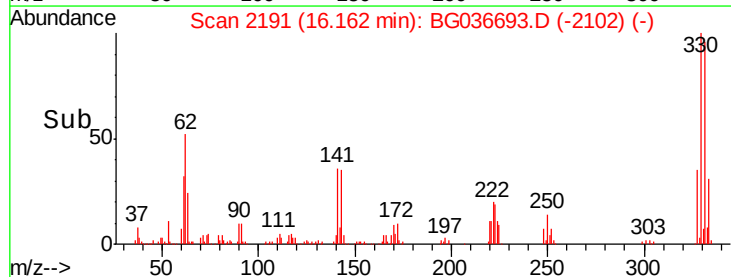
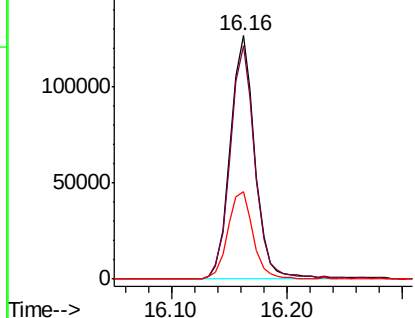


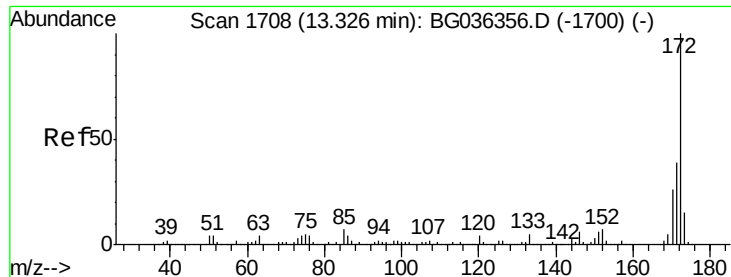
#41
 2,4,6-Tribromophenol
 Concen: 101.325 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036693.D
 Acq: 13 Sep 2018 21:54

Tgt Ion:330 Resp: 187357
 Ion Ratio Lower Upper
 330 100
 332 97.0 75.4 113.2
 141 36.8 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

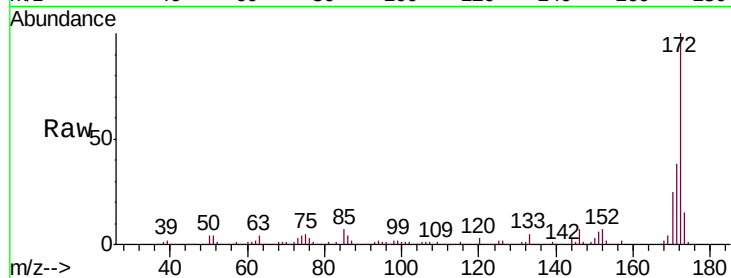




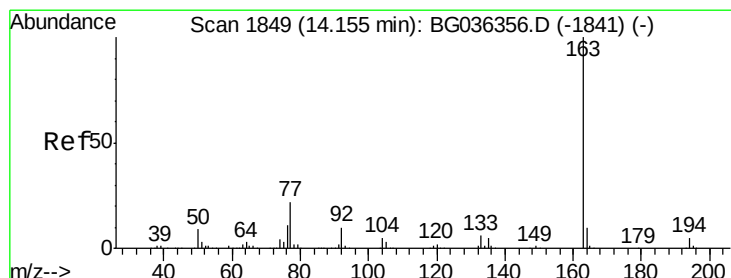
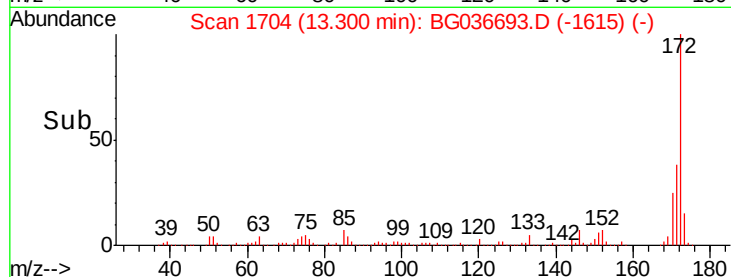
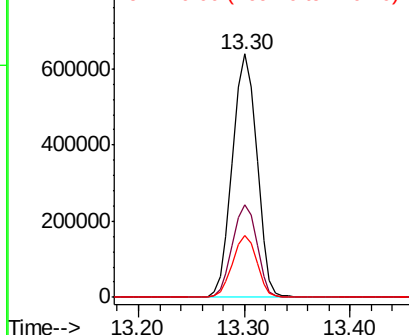
#44
2-Fluorobiphenyl
Concen: 94.443 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BG036693.D
Acq: 13 Sep 2018 21:54

Instrument :
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ClientSampleId :
091118-TIPC-F-D-B

Tgt Ion:172 Resp: 1025010
Ion Ratio Lower Upper
172 100
171 38.2 31.3 46.9
170 25.5 21.0 31.6

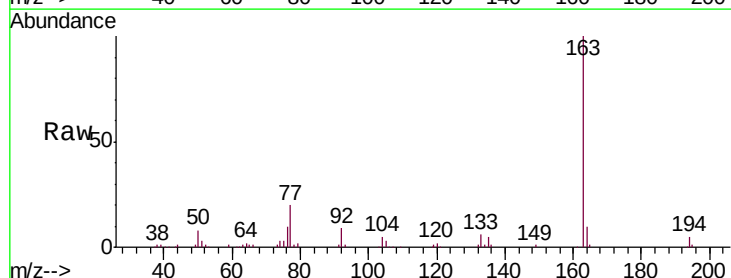


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

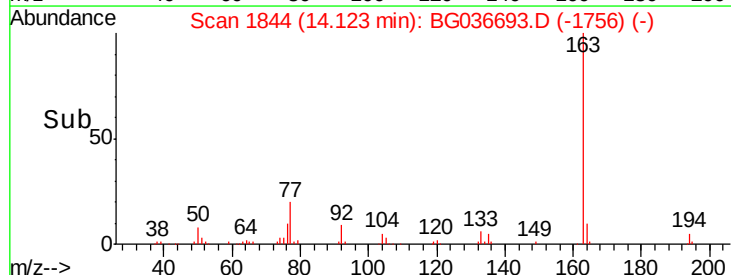
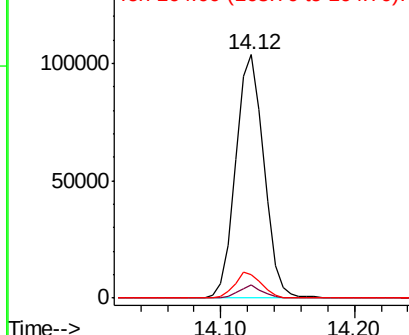


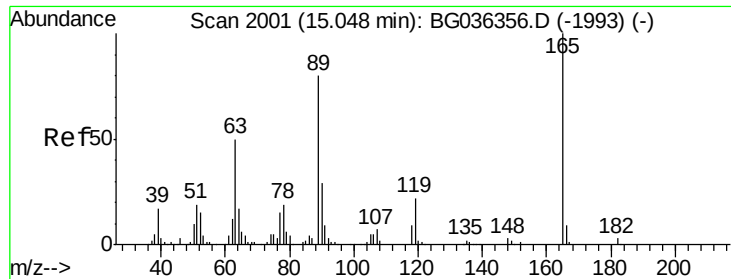
#49
Dimethylphthalate
Concen: 12.034 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BG036693.D
Acq: 13 Sep 2018 21:54

Tgt Ion:163 Resp: 152281
Ion Ratio Lower Upper
163 100
194 5.4 4.0 6.0
164 9.5 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

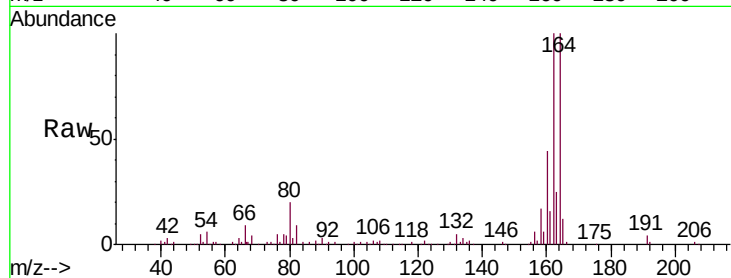




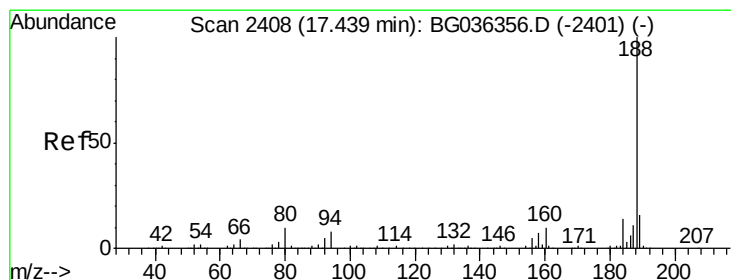
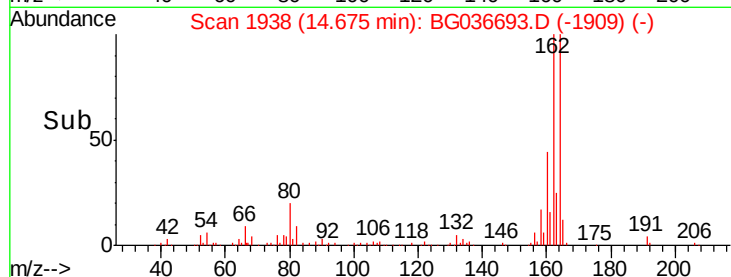
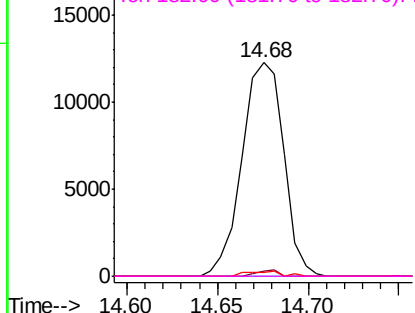
#56
 2,4-Dinitrotoluene
 Concen: 5.820 ng
 RT: 14.68 min Scan# 1938
 Delta R.T. -0.36 min
 Lab File: BG036693.D
 Acq: 13 Sep 2018 21:54

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

Tgt Ion:165 Resp: 19749
 Ion Ratio Lower Upper
 165 100
 63 2.2 40.1 60.1#
 89 2.1 63.7 95.5#
 182 0.0 2.5 3.7#

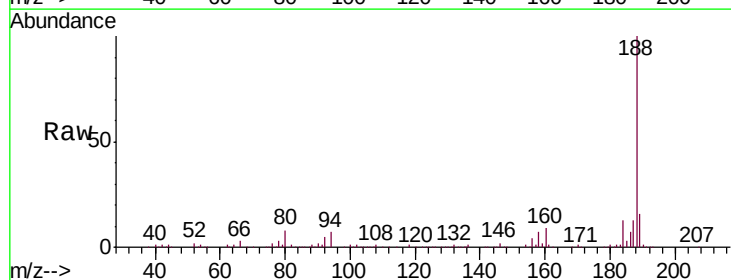


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

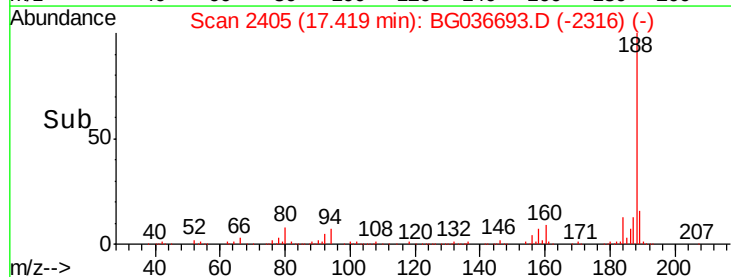
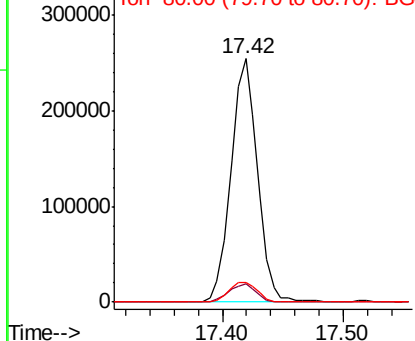


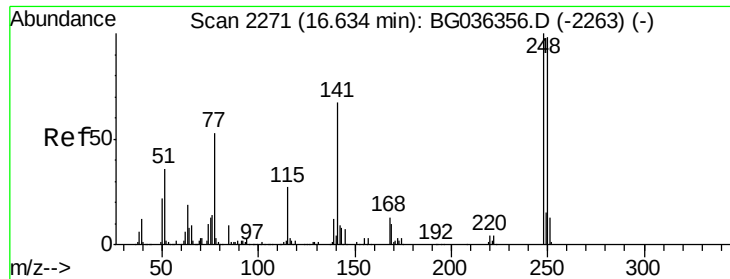
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BG036693.D
 Acq: 13 Sep 2018 21:54

Tgt Ion:188 Resp: 388098
 Ion Ratio Lower Upper
 188 100
 94 7.5 6.7 10.1
 80 8.1 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

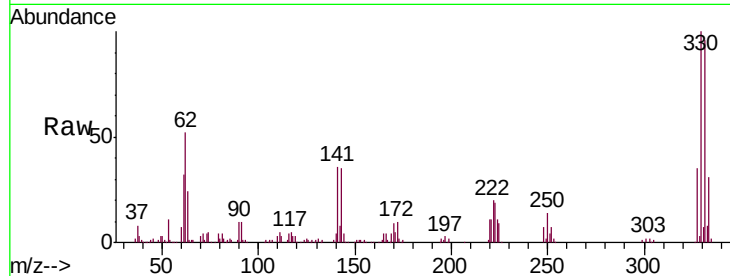




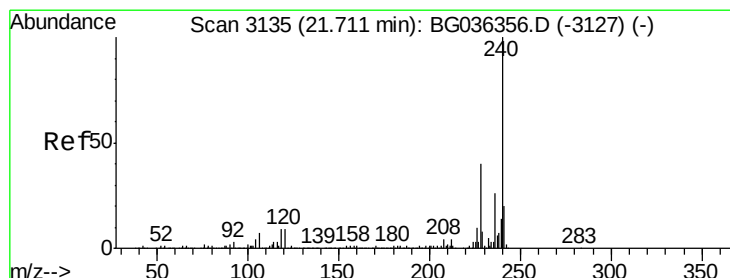
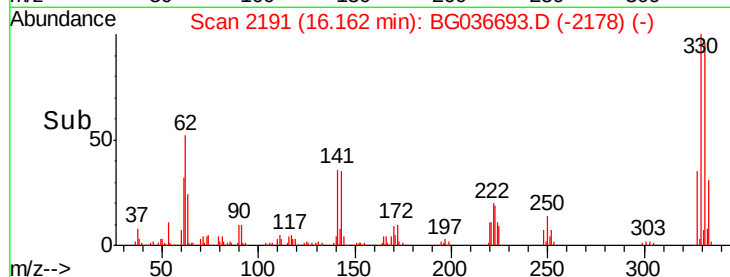
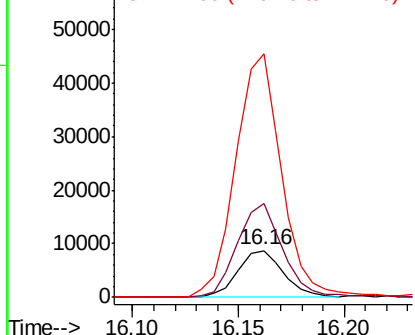
#66
4-Bromophenyl-phenylether
Concen: 2.881 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.46 min
Lab File: BG036693.D
Acq: 13 Sep 2018 21:54

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

Tgt Ion:248 Resp: 13093
Ion Ratio Lower Upper
248 100
250 202.6 78.1 117.1#
141 522.3 53.7 80.5#

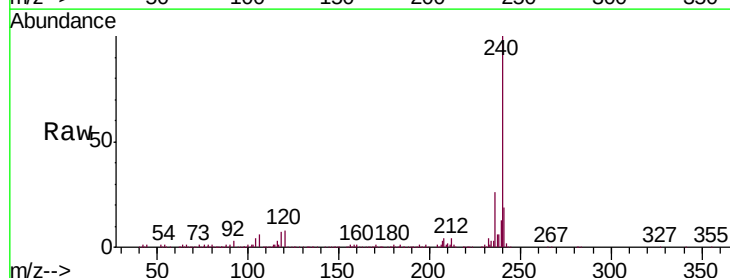


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

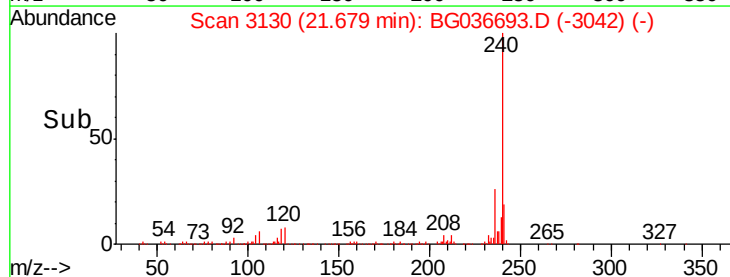
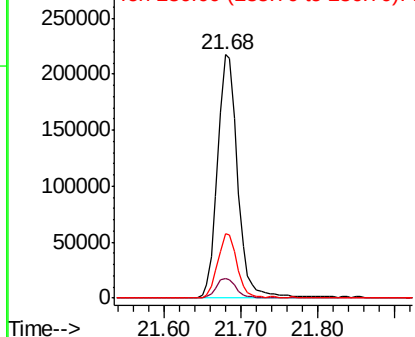


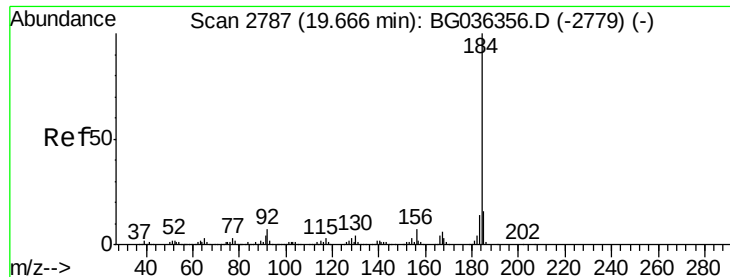
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BG036693.D
Acq: 13 Sep 2018 21:54

Tgt Ion:240 Resp: 395634
Ion Ratio Lower Upper
240 100
120 7.9 6.9 10.3
236 26.3 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: 2.419 ng

RT: 20.03 min Scan# 2849

Delta R.T. 0.38 min

Lab File: BG036693.D

Acq: 13 Sep 2018 21:54

Instrument :

BNA_G

ClientSampleId :

091118-TIPC-F-D-B

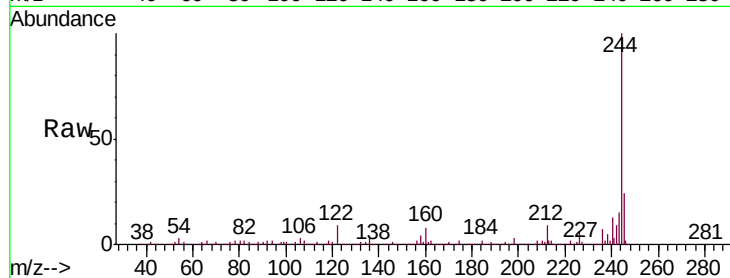
Tgt Ion:184 Resp: 30534

Ion Ratio Lower Upper

184 100

185 16.9 12.6 18.8

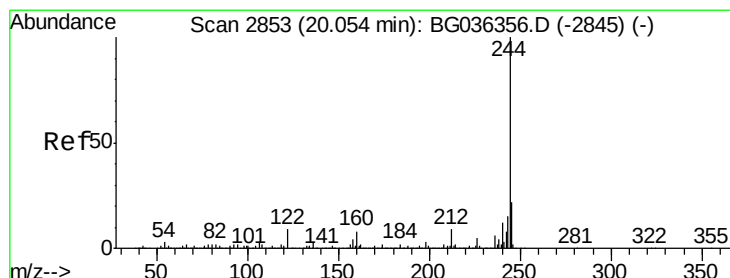
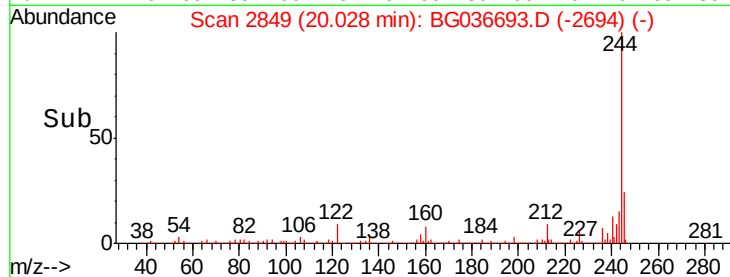
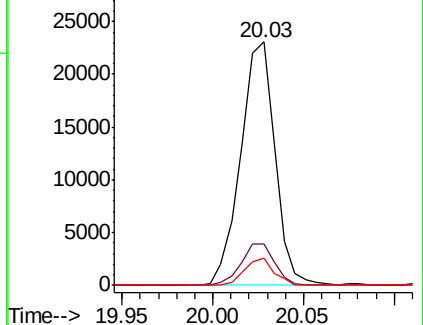
183 11.4 10.9 16.3



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: 101.504 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036693.D

Acq: 13 Sep 2018 21:54

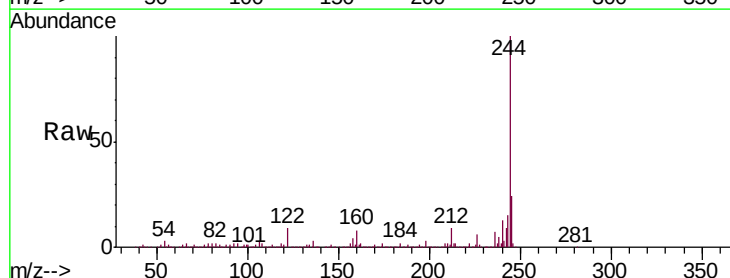
Tgt Ion:244 Resp: 1718127

Ion Ratio Lower Upper

244 100

212 9.2 7.0 10.6

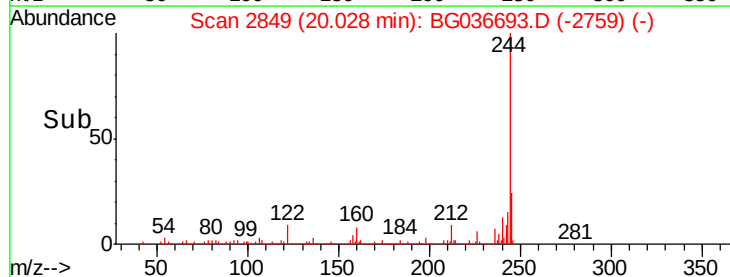
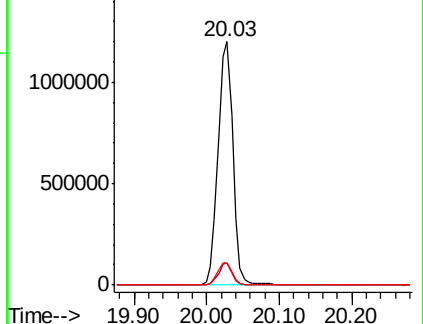
122 9.3 7.1 10.7

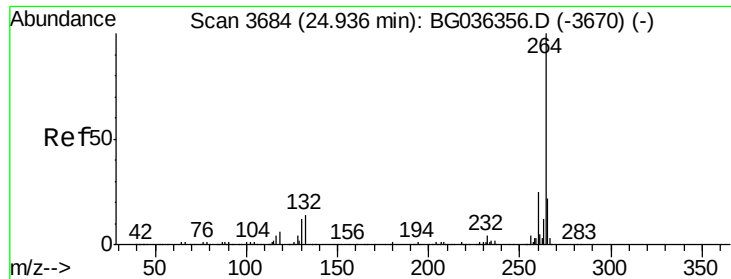


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3676
Delta R.T. -0.02 min
Lab File: BG036693.D
Acq: 13 Sep 2018 21:54

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.6	29.4
265	21.7	17.4	26.0

