

Data File : BG036696.D
Acq On : 13 Sep 2018 23:52
Operator : JU/SJ
Sample : J4875-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Sep 14 01:25:14 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

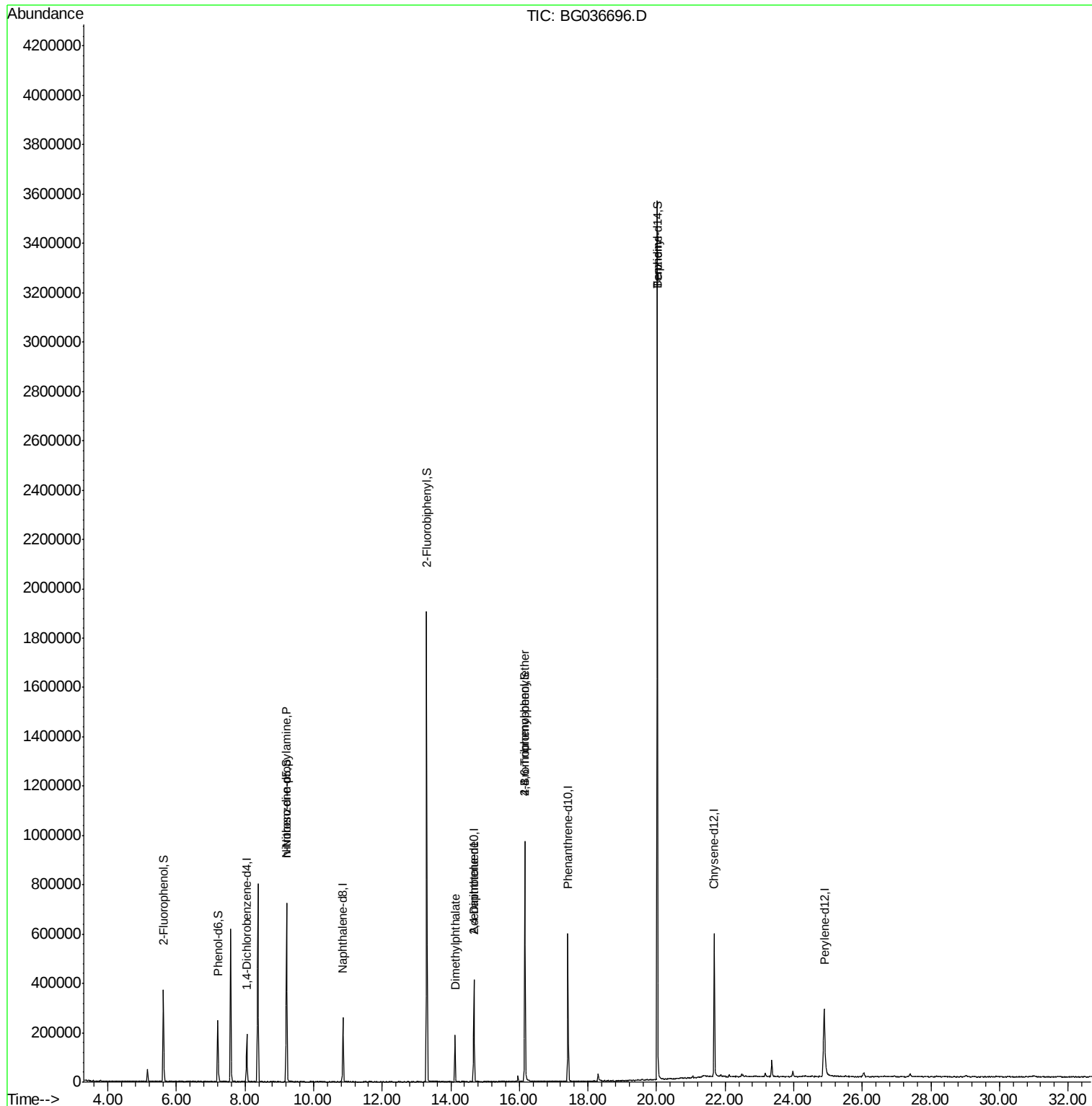
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	53329	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	222917	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	145091	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	375189	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	381196	20.00	ng	-0.01
86) Perylene-d12	24.88	264	348126	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	156072	46.42	ng	0.00
7) Phenol-d6	7.20	99	141325	29.36	ng	-0.01
23) Nitrobenzene-d5	9.21	82	441943	107.57	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	190329	109.94	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	987199	97.15	ng	-0.01
78) Terphenyl-d14	20.03	244	1680972	103.07	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	59178	16.451	ng	Qvalue # 73
49) Dimethylphthalate	14.12	163	122901	10.374	ng	99
56) 2,4-Dinitrotoluene	14.68	165	18913	5.953	ng	# 19
66) 4-Bromophenyl-phenylether	16.16	248	12907	2.938	ng	# 1
76) Benzidine	20.03	184	30420	2.501	ng	# 94

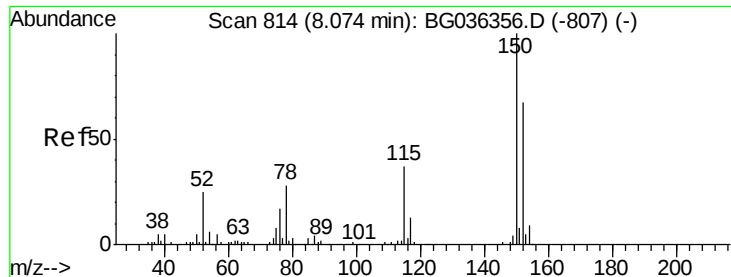
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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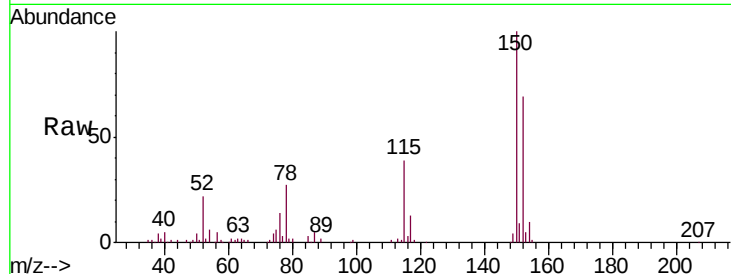


#1

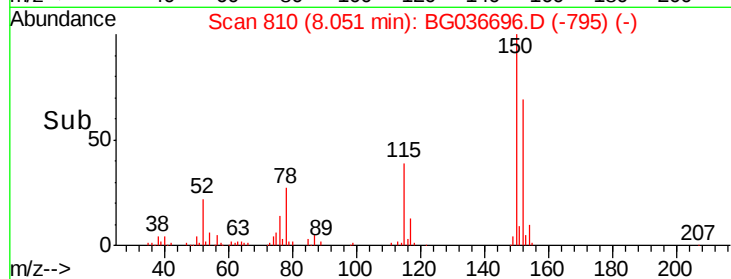
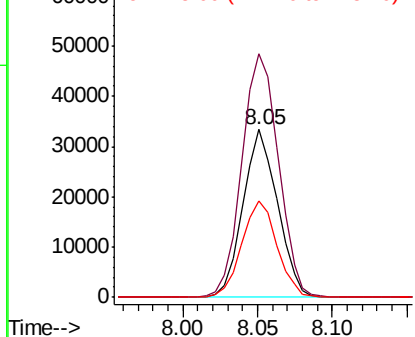
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.01 min
Lab File: BG036696.D
Acq: 13 Sep 2018 23:52

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

Tgt Ion:152 Resp: 53329
Ion Ratio Lower Upper
152 100
150 145.4 119.5 179.3
115 57.2 44.5 66.7



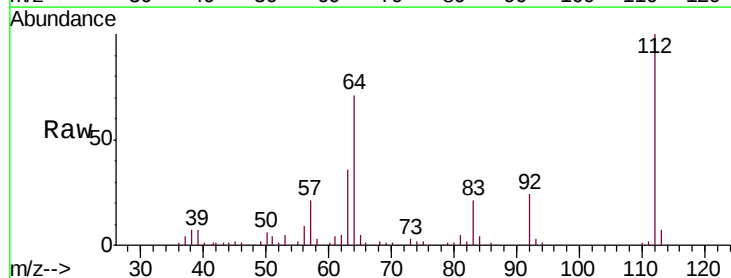
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



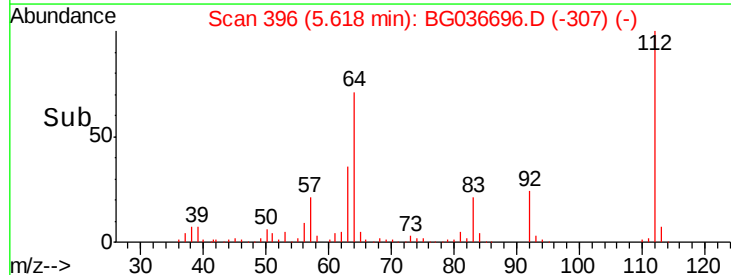
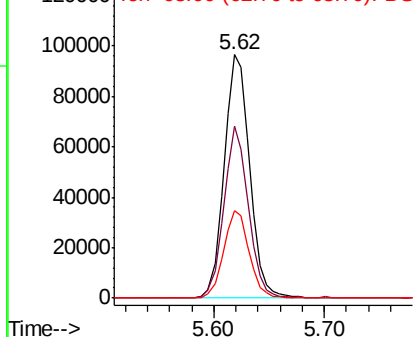
#5

2-Fluorophenol
Concen: 46.424 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG036696.D
Acq: 13 Sep 2018 23:52

Tgt Ion:112 Resp: 156072
Ion Ratio Lower Upper
112 100
64 70.6 57.2 85.8
63 35.8 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: 29.361 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036696.D

Acq: 13 Sep 2018 23:52

Instrument :

BNA_G

ClientSampleId :

091118-TIPC-F-U-S

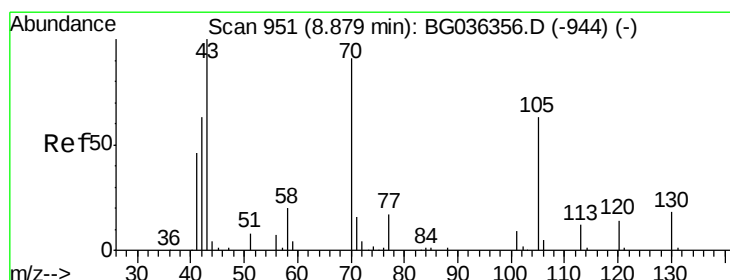
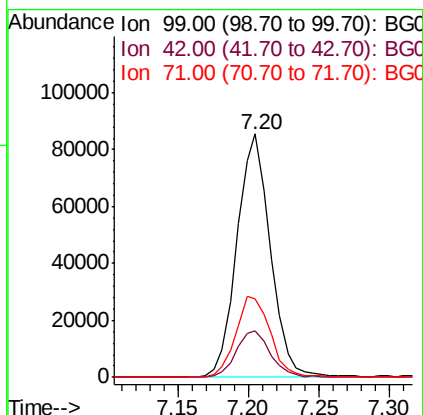
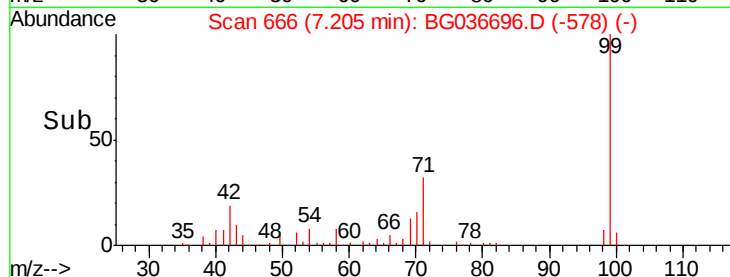
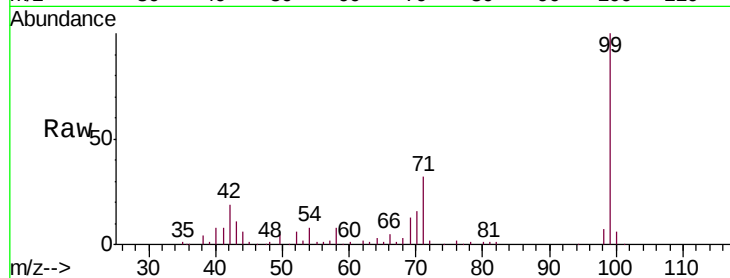
Tgt Ion: 99 Resp: 141325

Ion Ratio Lower Upper

99 100

42 19.2 16.5 24.7

71 32.4 29.4 44.2



#19

n-Nitroso-di-n-propylamine

Concen: 16.451 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.35 min

Lab File: BG036696.D

Acq: 13 Sep 2018 23:52

Tgt Ion: 70 Resp: 59178

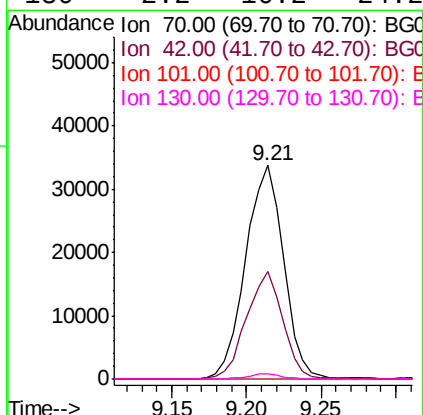
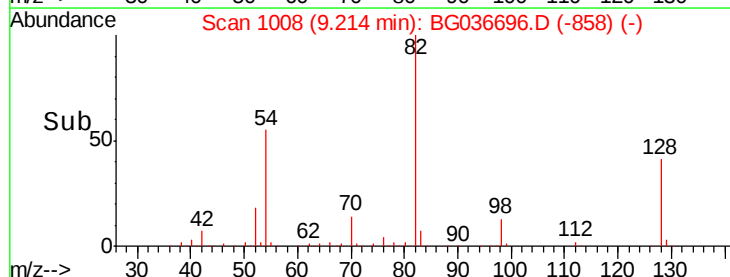
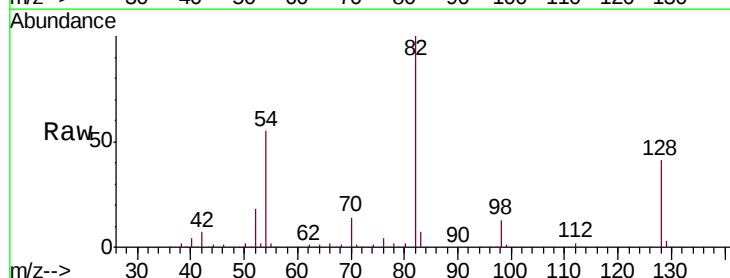
Ion Ratio Lower Upper

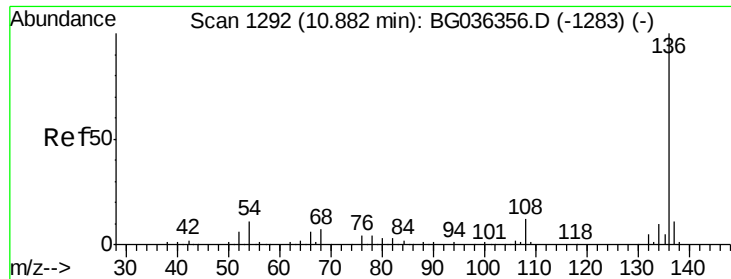
70 100

42 50.3 56.2 84.4#

101 0.0 7.8 11.6#

130 2.2 16.2 24.2#

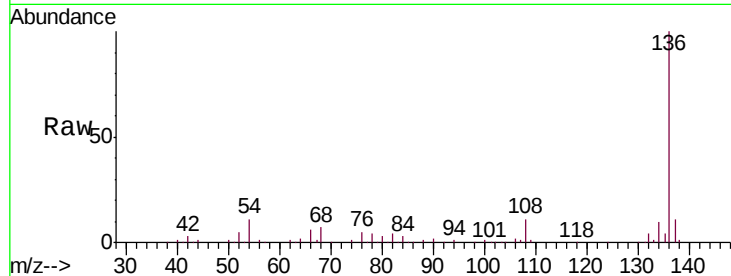




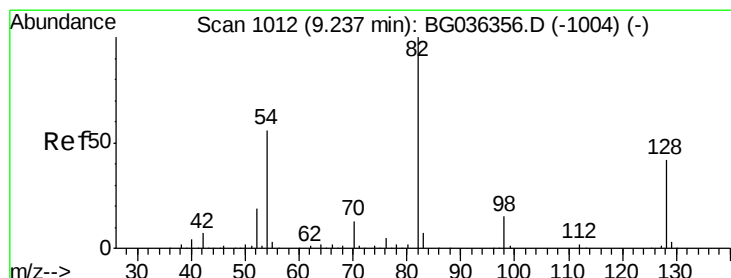
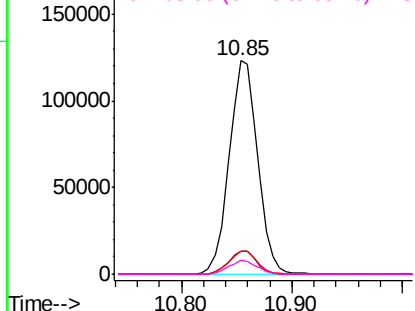
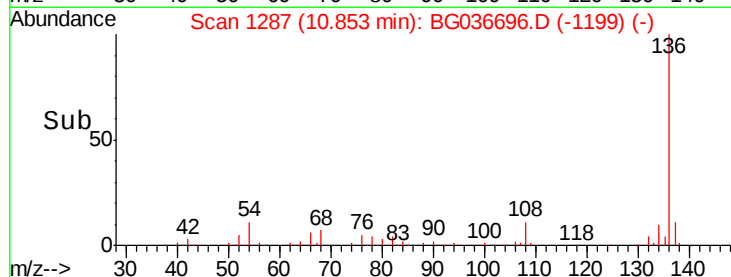
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BG036696.D
Acq: 13 Sep 2018 23:52

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

Tgt Ion:	136	Resp:	222917
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	10.6	9.2	13.8
68	6.9	5.8	8.6

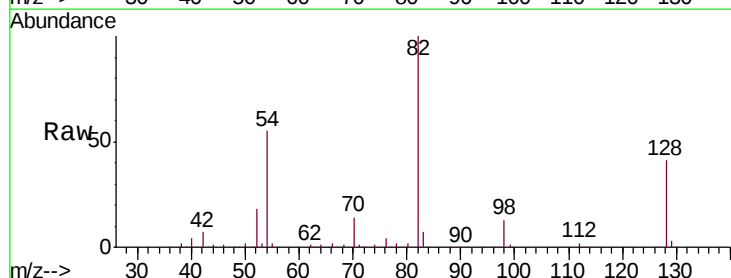


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

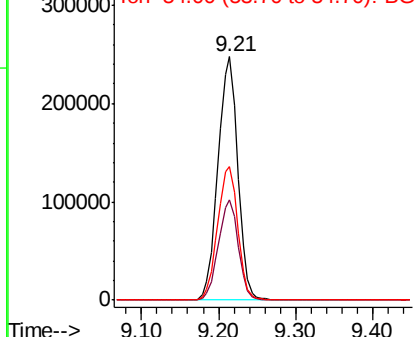
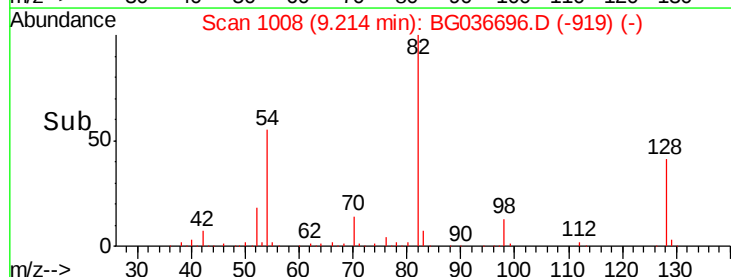


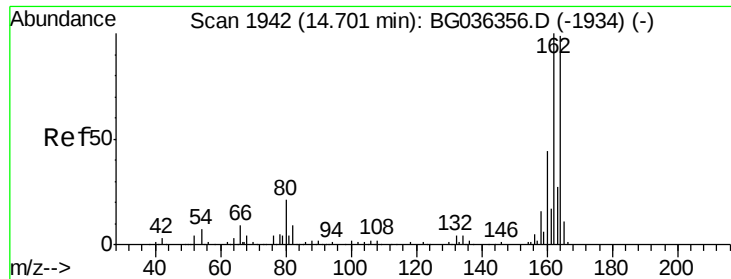
#23
Nitrobenzene-d5
Concen: 107.566 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036696.D
Acq: 13 Sep 2018 23:52

Tgt Ion:	82	Resp:	441943
Ion	Ratio	Lower	Upper
82	100		
128	41.1	33.3	49.9
54	54.8	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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1937

Delta R.T. -0.01 min

Lab File: BG036696.D

Acq: 13 Sep 2018 23:52

Instrument :

BNA_G

ClientSampleId :

091118-TIPC-F-U-S

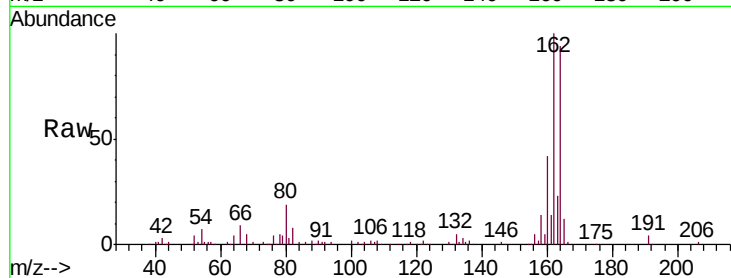
Tgt Ion:164 Resp: 145091

Ion Ratio Lower Upper

164 100

162 105.9 80.7 121.1

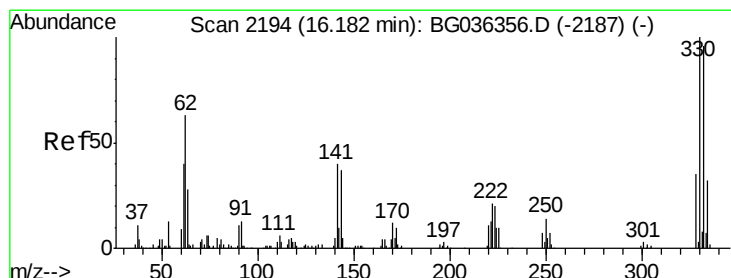
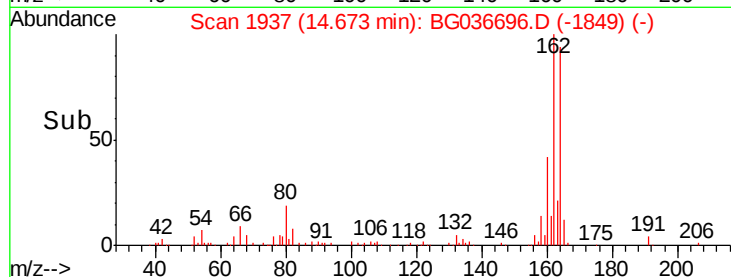
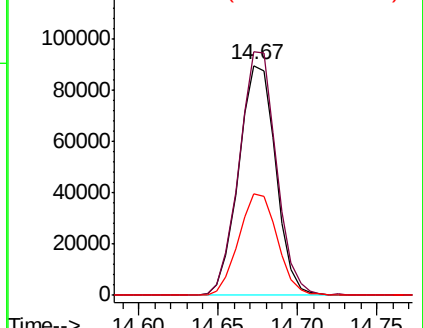
160 44.4 35.3 52.9



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: 109.937 ng

RT: 16.16 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG036696.D

Acq: 13 Sep 2018 23:52

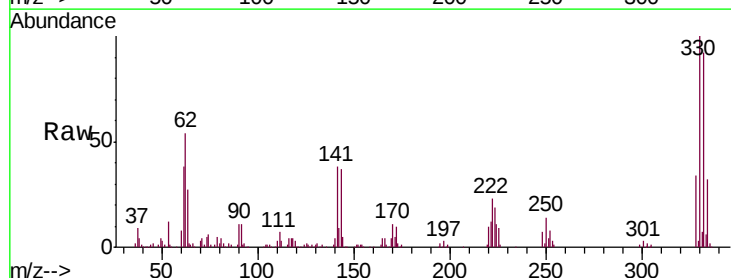
Tgt Ion:330 Resp: 190329

Ion Ratio Lower Upper

330 100

332 95.0 75.4 113.2

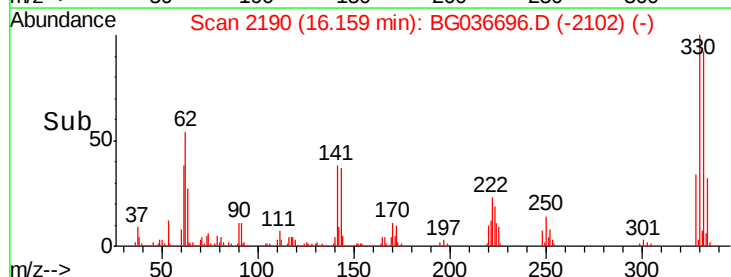
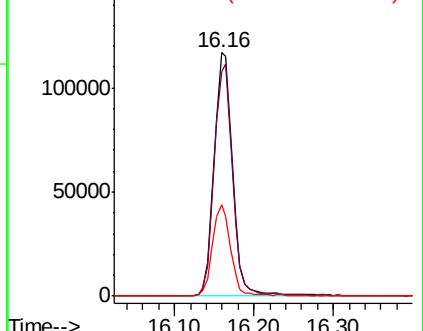
141 36.6 30.7 46.1

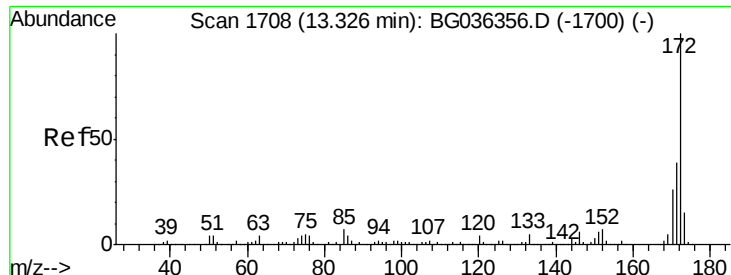


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

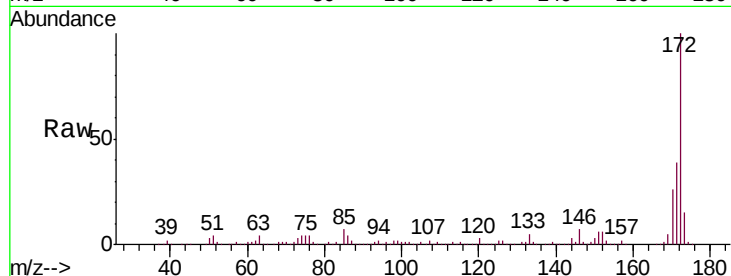




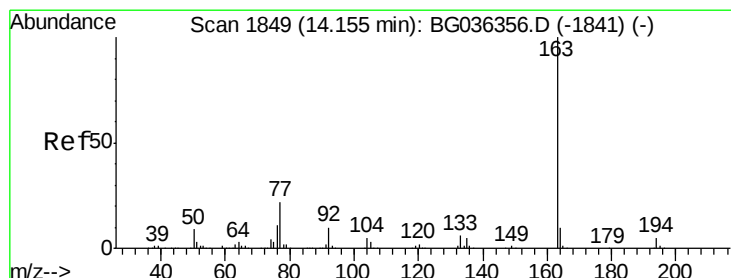
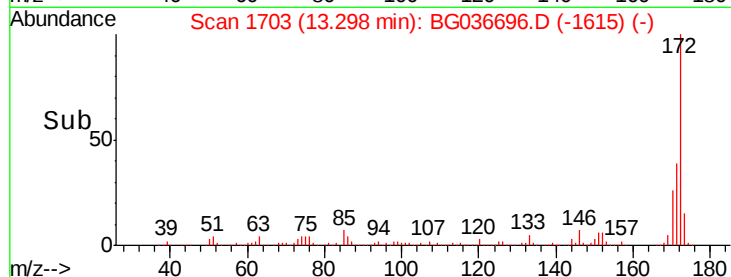
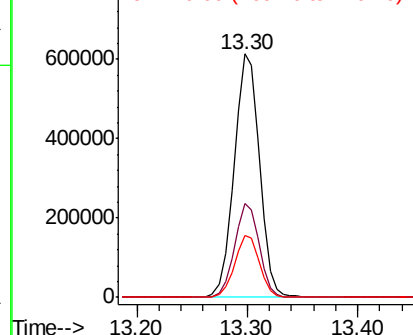
#44
2-Fluorobiphenyl
Concen: 97.149 ng
RT: 13.30 min Scan# 1703
Delta R.T. -0.01 min
Lab File: BG036696.D
Acq: 13 Sep 2018 23:52

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

Tgt Ion:172 Resp: 987199
Ion Ratio Lower Upper
172 100
171 38.7 31.3 46.9
170 25.5 21.0 31.6

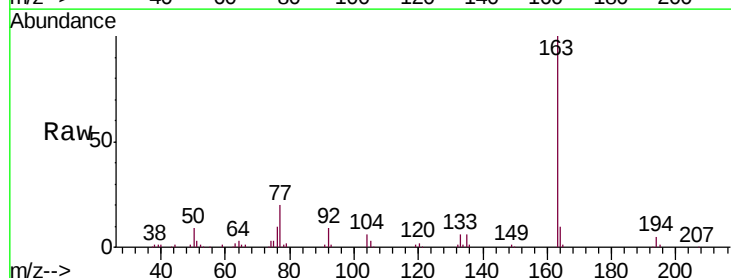


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

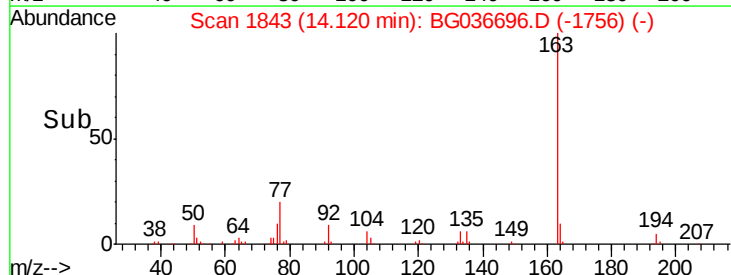
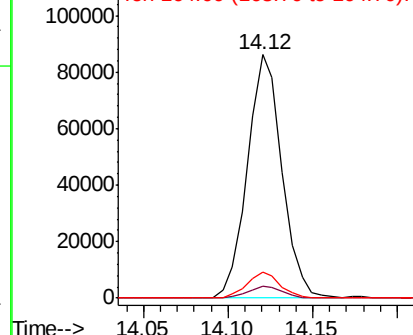


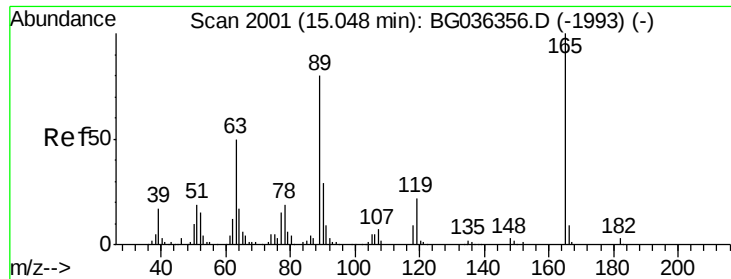
#49
Dimethylphthalate
Concen: 10.374 ng
RT: 14.12 min Scan# 1843
Delta R.T. -0.02 min
Lab File: BG036696.D
Acq: 13 Sep 2018 23:52

Tgt Ion:163 Resp: 122901
Ion Ratio Lower Upper
163 100
194 5.1 4.0 6.0
164 10.4 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

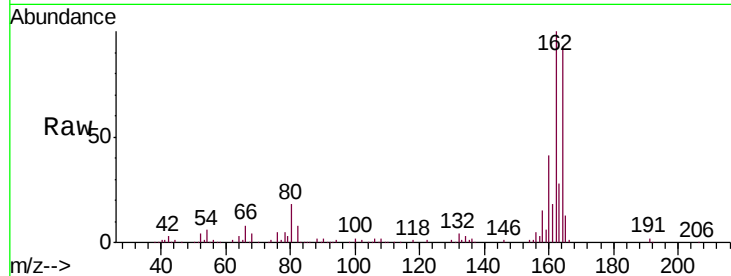




#56
 2,4-Dinitrotoluene
 Concen: 5.953 ng
 RT: 14.68 min Scan# 1938
 Delta R.T. -0.36 min
 Lab File: BG036696.D
 Acq: 13 Sep 2018 23:52

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

Tgt Ion:	165	Resp:	18913
Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.1	60.1#
89	1.7	63.7	95.5#
182	0.0	2.5	3.7#

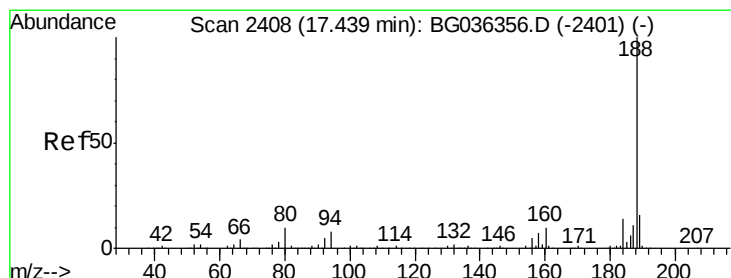
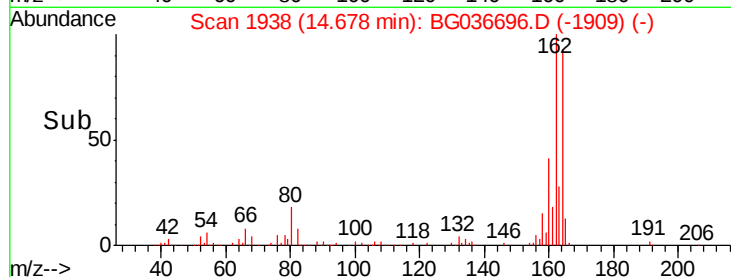
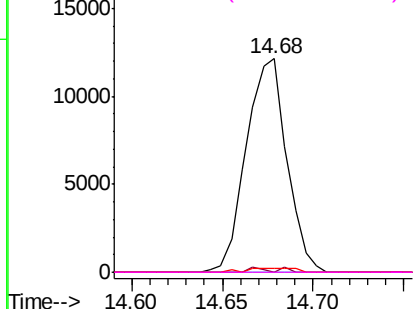


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

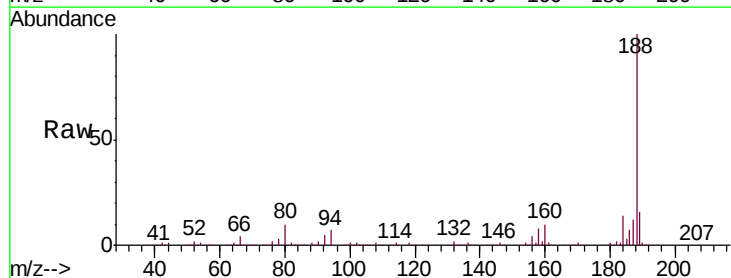
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BG036696.D
 Acq: 13 Sep 2018 23:52

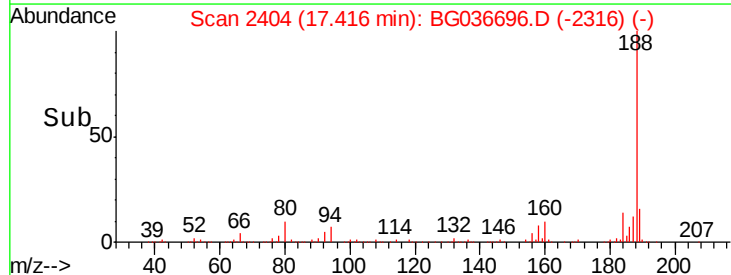
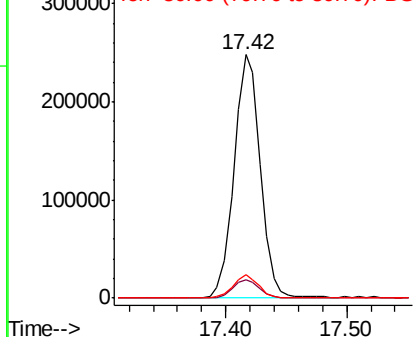
Tgt Ion:	188	Resp:	375189
Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.7	10.1
80	9.9	8.1	12.1

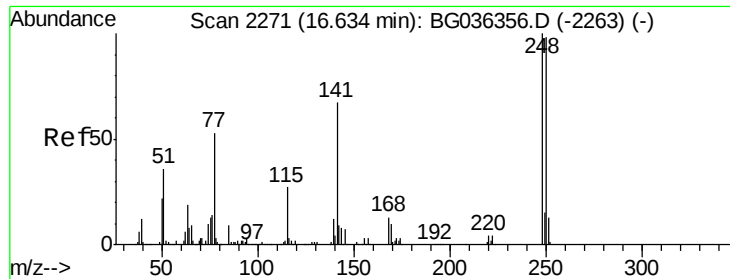


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

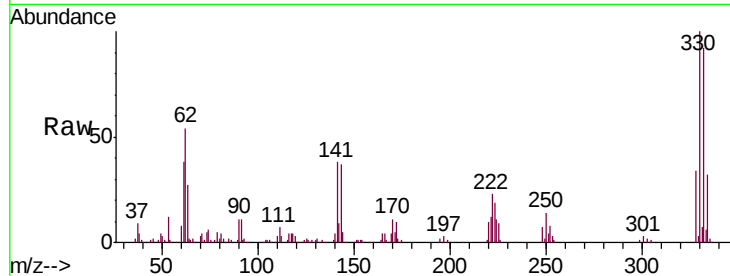




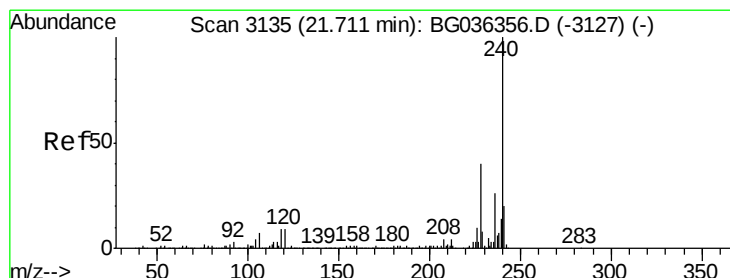
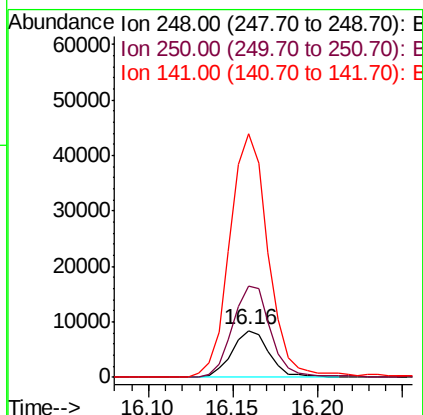
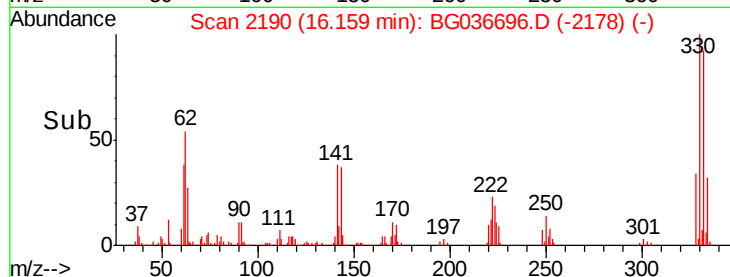
#66
4-Bromophenyl-phenylether
Concen: 2.938 ng
RT: 16.16 min Scan# 2190
Delta R.T. -0.46 min
Lab File: BG036696.D
Acq: 13 Sep 2018 23:52

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

Tgt Ion:248 Resp: 12907
Ion Ratio Lower Upper
248 100
250 194.1 78.1 117.1#
141 518.6 53.7 80.5#

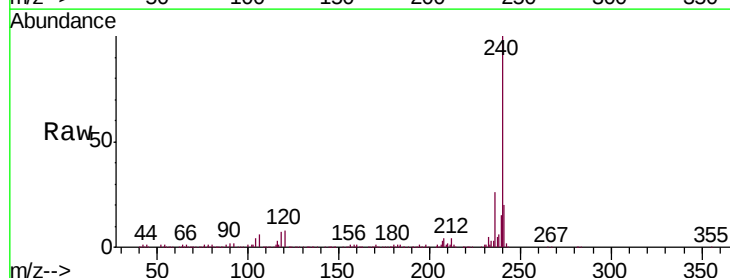


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

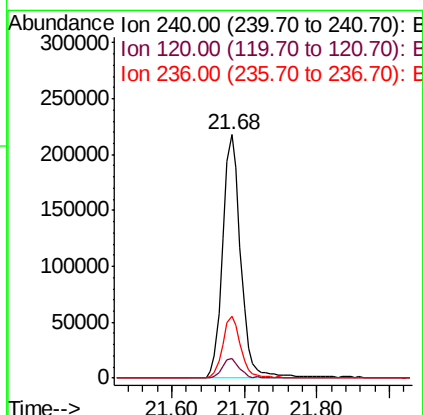
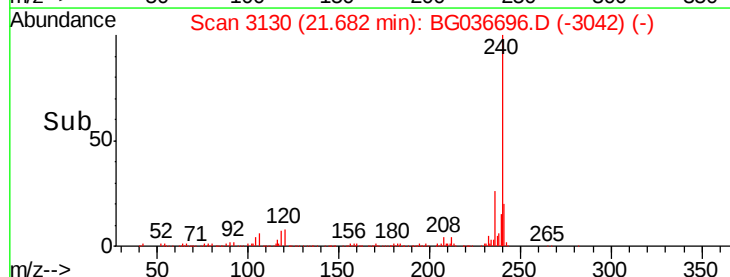


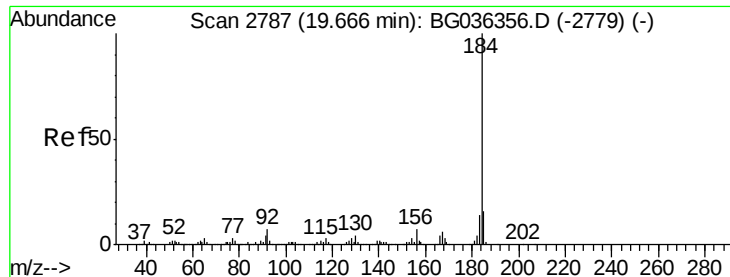
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG036696.D
Acq: 13 Sep 2018 23:52

Tgt Ion:240 Resp: 381196
Ion Ratio Lower Upper
240 100
120 8.1 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: 2.501 ng

RT: 20.03 min Scan# 2848

Delta R.T. 0.38 min

Lab File: BG036696.D

Acq: 13 Sep 2018 23:52

Instrument :

BNA_G

ClientSampleId :

091118-TIPC-F-U-S

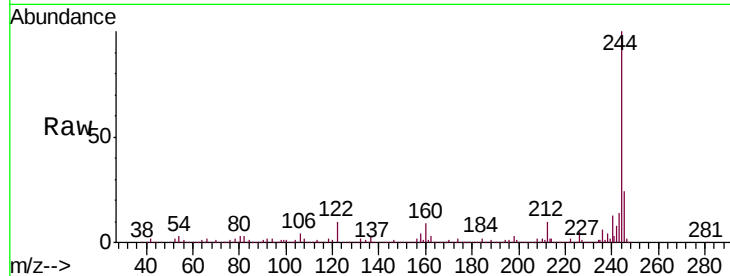
Tgt Ion:184 Resp: 30420

Ion Ratio Lower Upper

184 100

185 15.9 12.6 18.8

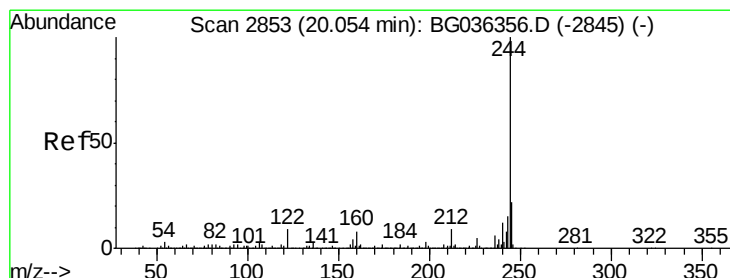
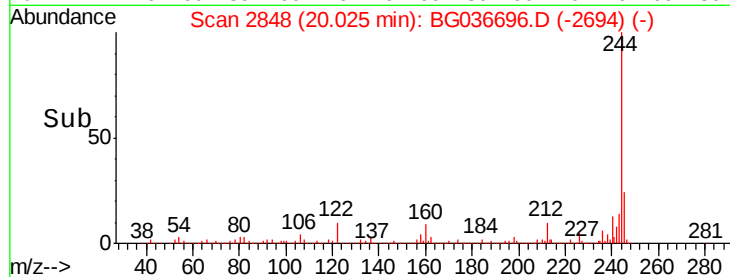
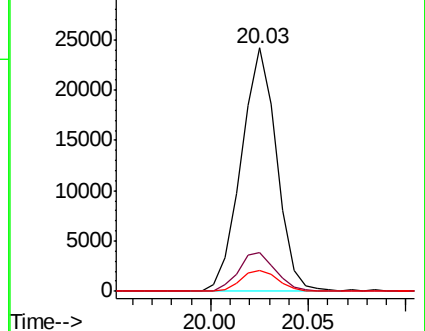
183 8.8 10.9 16.3#



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: 103.071 ng

RT: 20.03 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036696.D

Acq: 13 Sep 2018 23:52

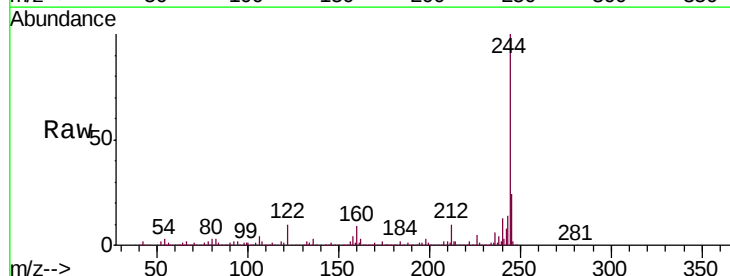
Tgt Ion:244 Resp: 1680972

Ion Ratio Lower Upper

244 100

212 9.5 7.0 10.6

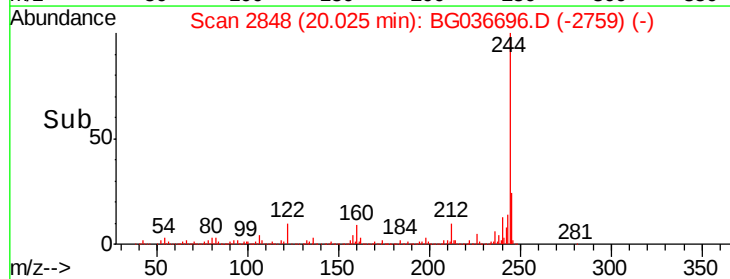
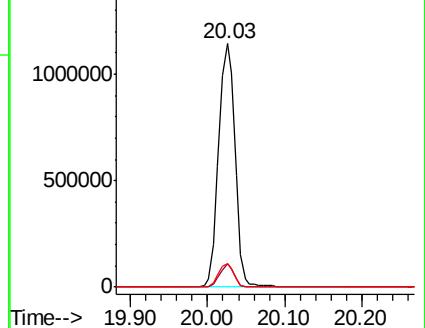
122 9.8 7.1 10.7

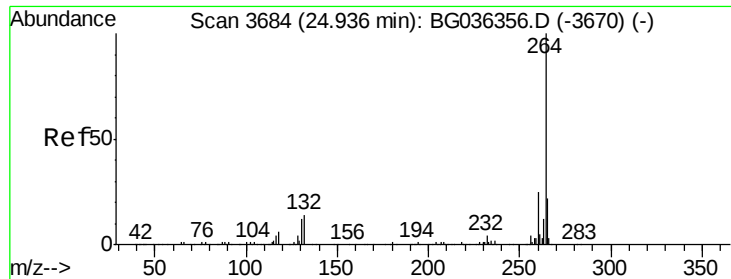


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

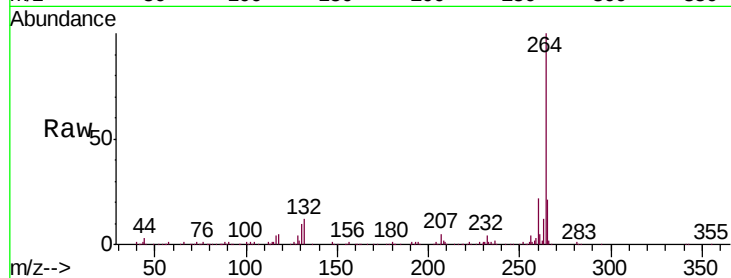




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.88 min Scan# 3675
Delta R.T. -0.02 min
Lab File: BG036696.D
Acq: 13 Sep 2018 23:52

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.0	19.6	29.4
265	21.1	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

