

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG073118\
 Data File : BG036006.D
 Acq On : 31 Jul 2018 18:08
 Operator : JU/SJ
 Sample : PB111524BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111524BL

Quant Time: Jul 31 18:48:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

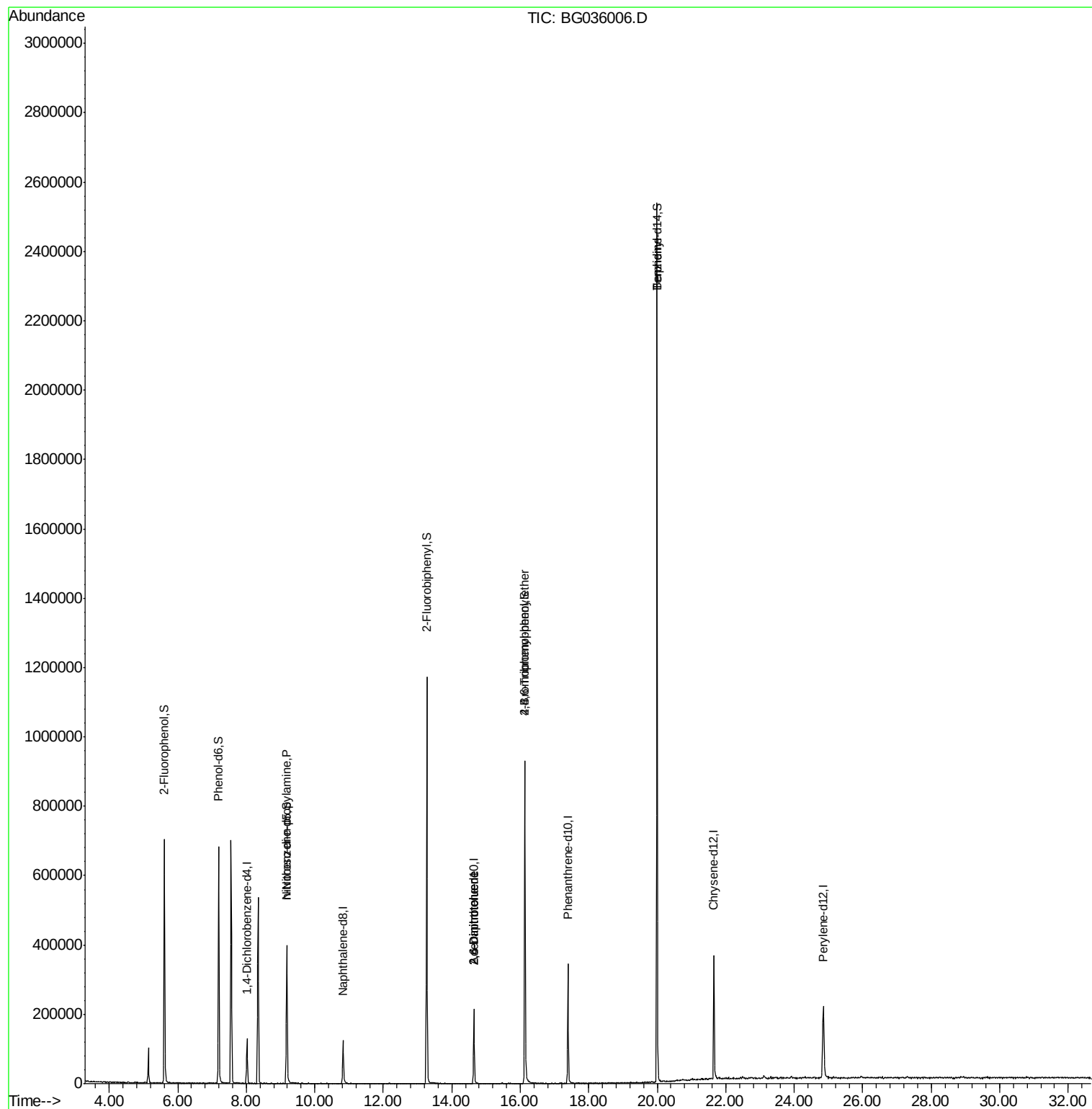
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	35516	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	122212	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	86042	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	245004	20.00	ng	0.00
75) Chrysene-d12	21.65	240	262922	20.00	ng	0.00
86) Perylene-d12	24.85	264	245921	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	307151	143.58	ng	0.00
7) Phenol-d6	7.19	99	429783	134.66	ng	0.00
23) Nitrobenzene-d5	9.19	82	281702	96.29	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	192842	170.04	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	657004	102.30	ng	0.00
78) Terphenyl-d14	19.99	244	1238588	103.84	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	37525	13.962	ng	# 68
50) 2,6-Dinitrotoluene	14.65	165	10949	7.132	ng	# 18
56) 2,4-Dinitrotoluene	14.65	165	10949	4.972	ng	# 16
66) 4-Bromophenyl-phenylether	16.13	248	15187	5.343	ng	# 1
76) Benzidine	19.99	184	20643	2.986	ng	# 90

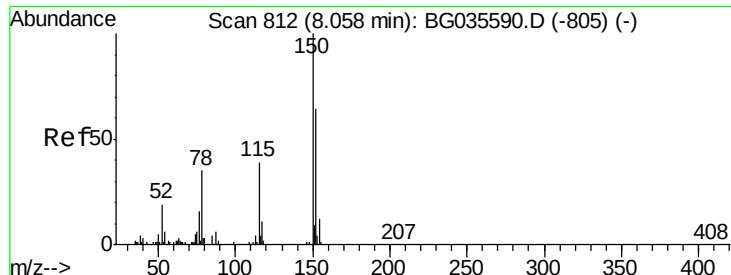
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG073118\
Data File : BG036006.D
Acq On : 31 Jul 2018 18:08
Operator : JU/SJ
Sample : PB111524BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB111524BL

Quant Time: Jul 31 18:48:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration



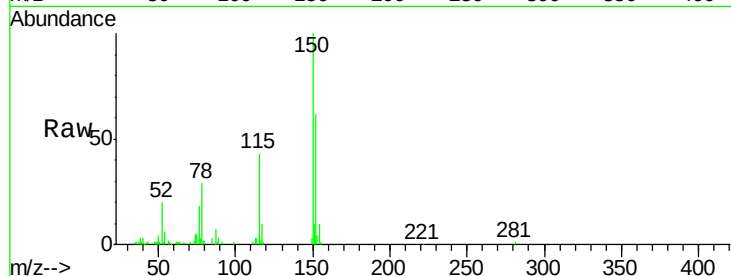


#1

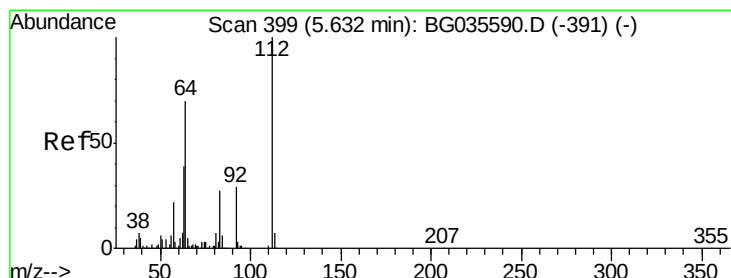
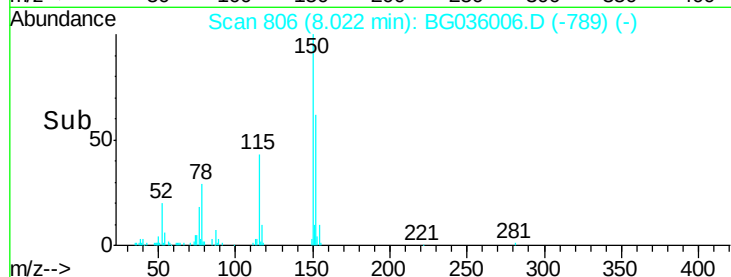
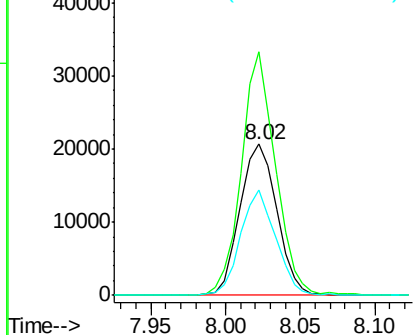
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BG036006.D
 Acq: 31 Jul 2018 18:08

Instrument :
 BNA_G
 ClientSampleId :
 PB111524BL

Tgt Ion:152 Resp: 35516
 Ion Ratio Lower Upper
 152 100
 150 161.3 126.6 189.8
 115 69.4 53.0 79.4



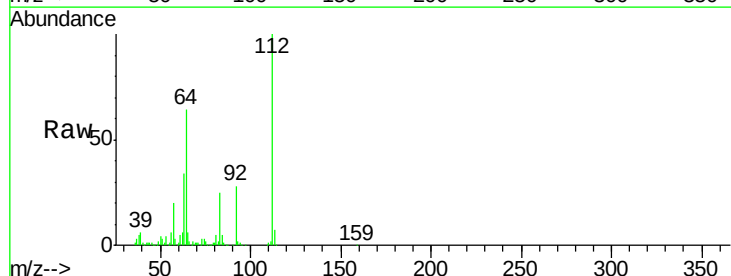
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



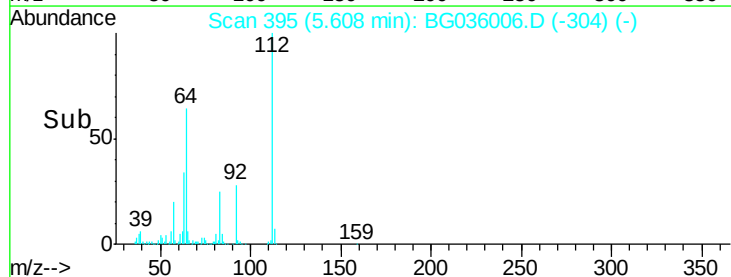
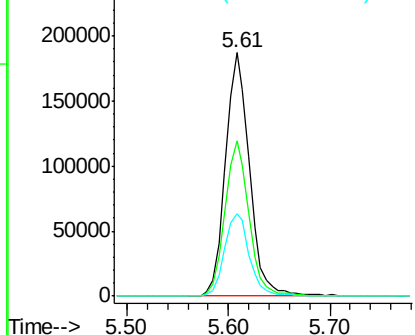
#5

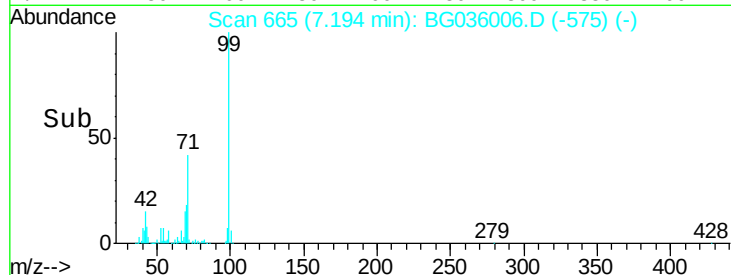
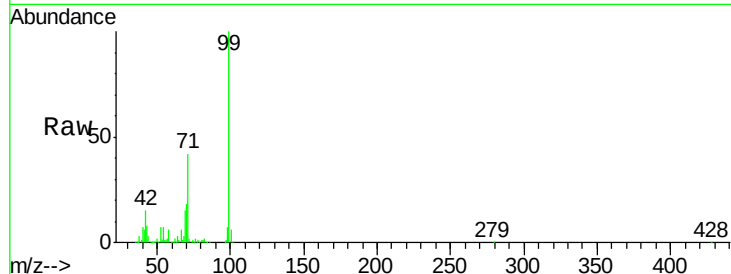
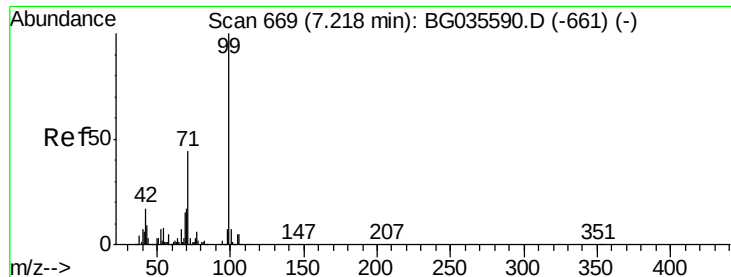
2-Fluorophenol
 Concen: 143.581 ng
 RT: 5.61 min Scan# 395
 Delta R.T. 0.00 min
 Lab File: BG036006.D
 Acq: 31 Jul 2018 18:08

Tgt Ion:112 Resp: 307151
 Ion Ratio Lower Upper
 112 100
 64 63.6 56.3 84.5
 63 33.7 30.1 45.1



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: 134.657 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG036006.D

Acq: 31 Jul 2018 18:08

Instrument :

BNA_G

ClientSampleId :

PB111524BL

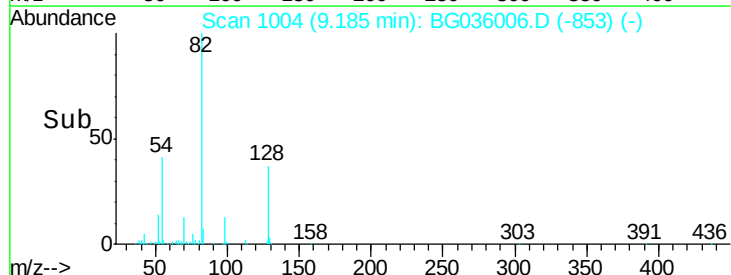
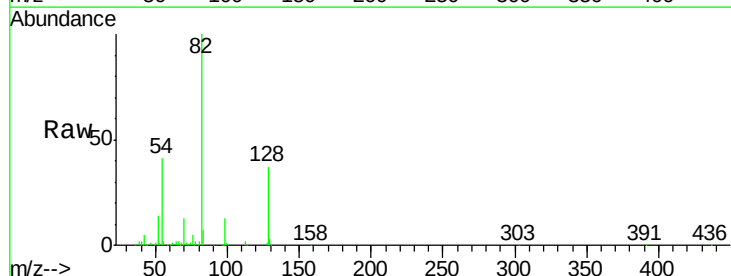
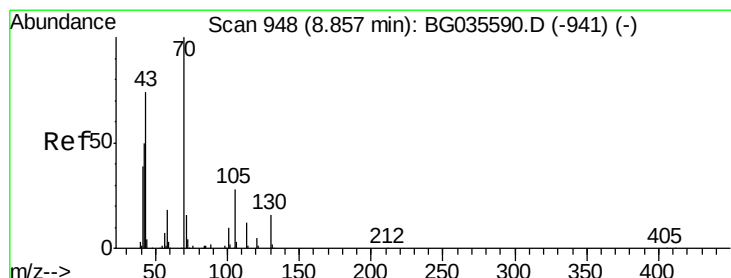
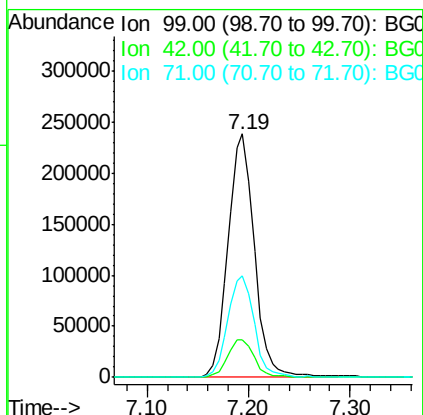
Tgt Ion: 99 Resp: 429783

Ion Ratio Lower Upper

99 100

42 15.2 14.1 21.1

71 41.6 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 13.962 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.36 min

Lab File: BG036006.D

Acq: 31 Jul 2018 18:08

Tgt Ion: 70 Resp: 37525

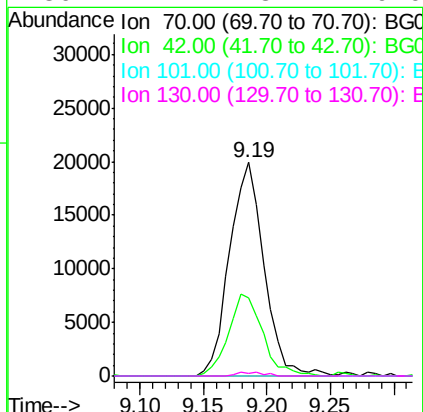
Ion Ratio Lower Upper

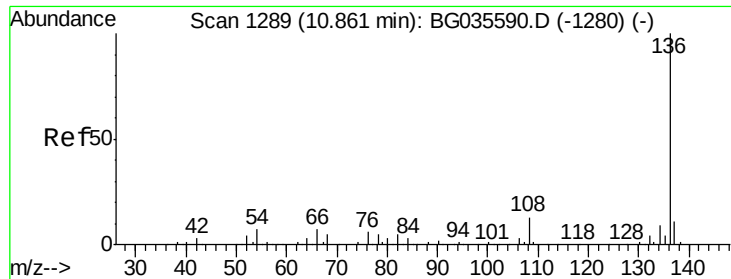
70 100

42 36.8 49.1 73.7#

101 0.0 8.5 12.7#

130 1.2 13.4 20.0#

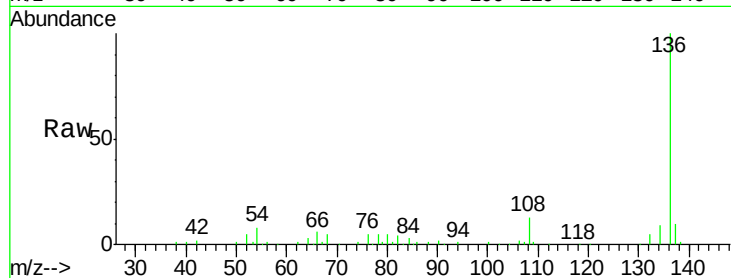




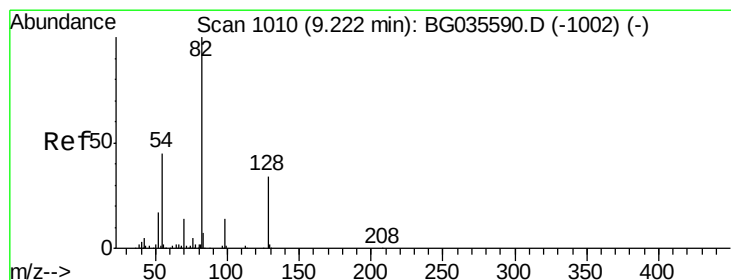
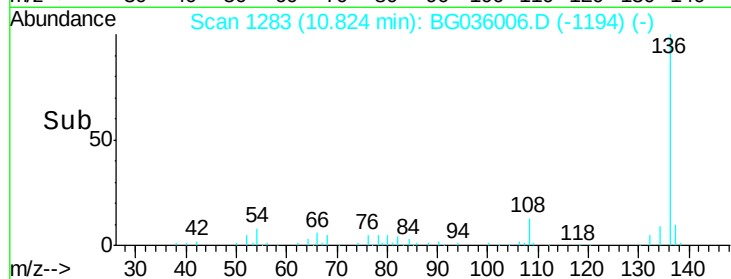
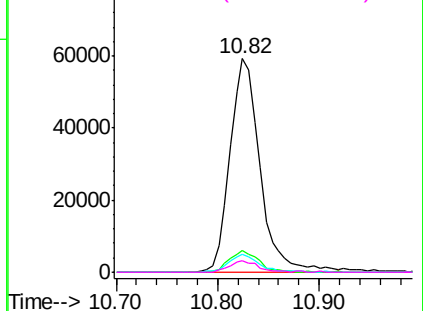
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG036006.D
Acq: 31 Jul 2018 18:08

Instrument :
BNA_G
ClientSampleId :
PB111524BL

Tgt Ion:	136	Resp:	122212
Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.2	13.8
54	8.3	10.3	15.5#
68	5.1	4.5	6.7

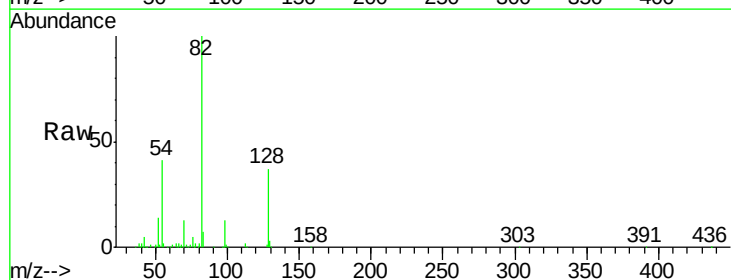


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

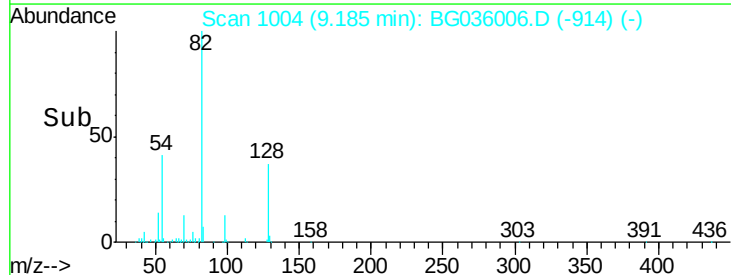
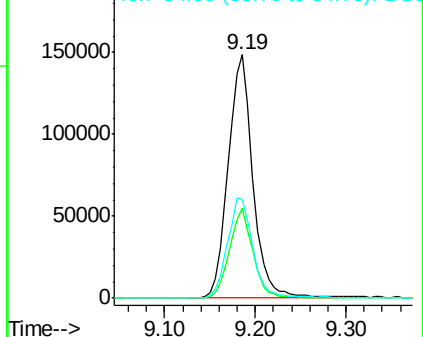


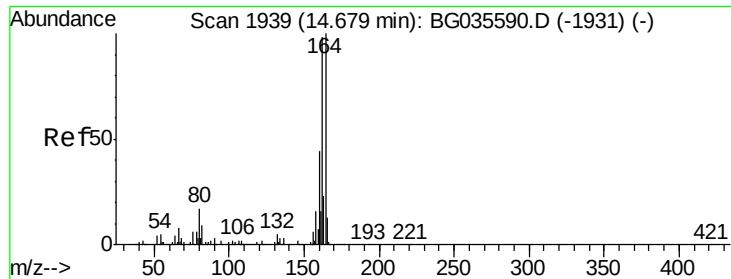
#23
Nitrobenzene-d5
Concen: 96.292 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG036006.D
Acq: 31 Jul 2018 18:08

Tgt Ion:	82	Resp:	281702
Ion	Ratio	Lower	Upper
82	100		
128	37.0	29.7	44.5
54	40.6	43.1	64.7#



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.64 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BG036006.D

Acq: 31 Jul 2018 18:08

Instrument :

BNA_G

ClientSampleId :

PB111524BL

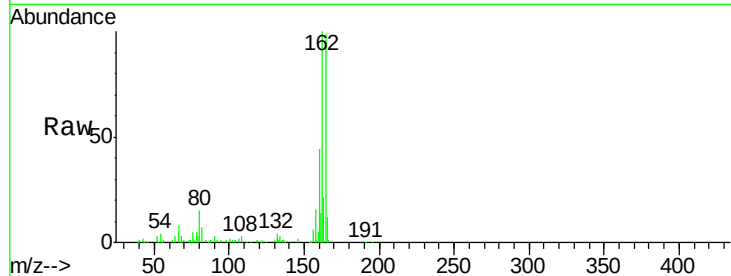
Tgt Ion:164 Resp: 86042

Ion Ratio Lower Upper

164 100

162 101.2 78.8 118.2

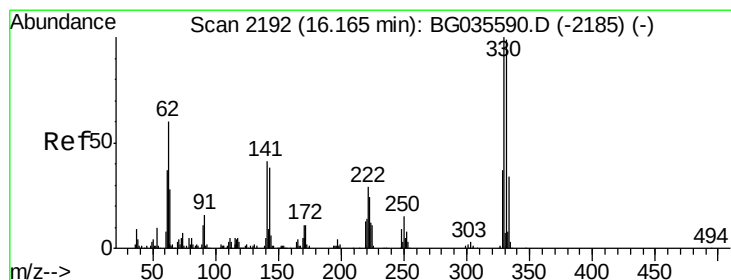
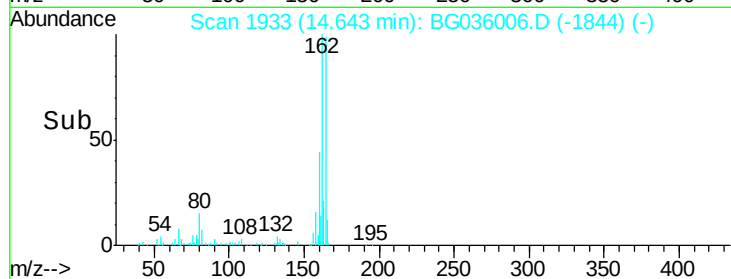
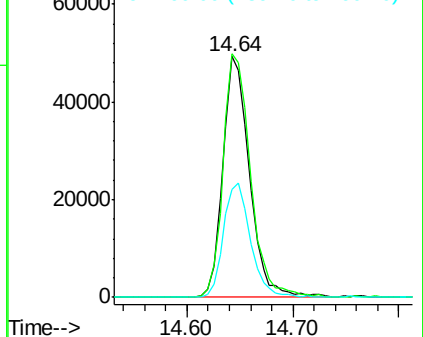
160 44.7 35.4 53.0



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: 170.041 ng

RT: 16.13 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BG036006.D

Acq: 31 Jul 2018 18:08

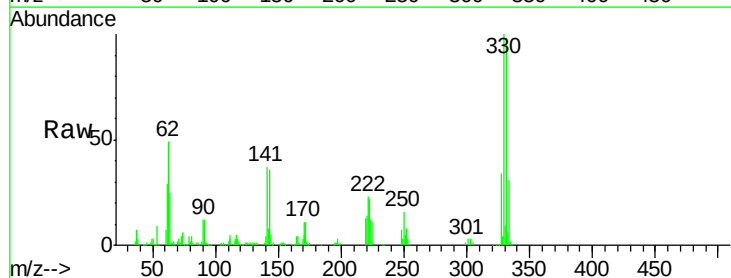
Tgt Ion:330 Resp: 192842

Ion Ratio Lower Upper

330 100

332 94.1 77.0 115.6

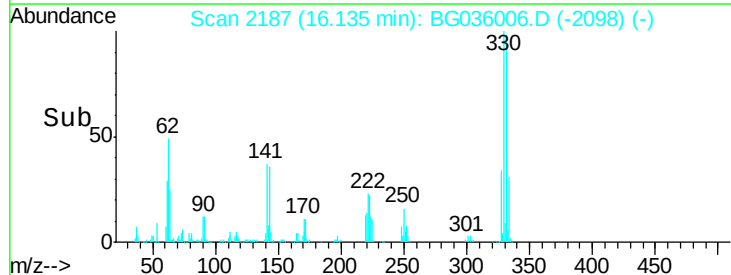
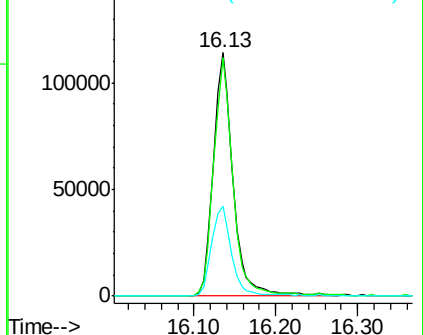
141 37.7 25.2 37.8

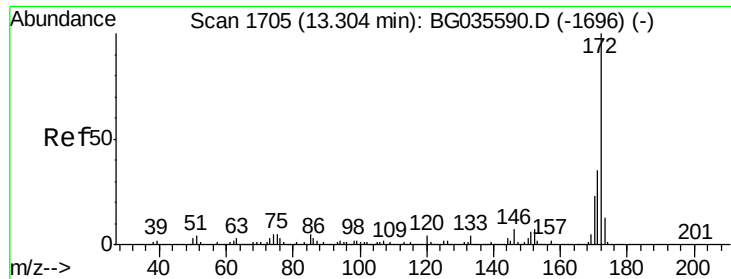


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

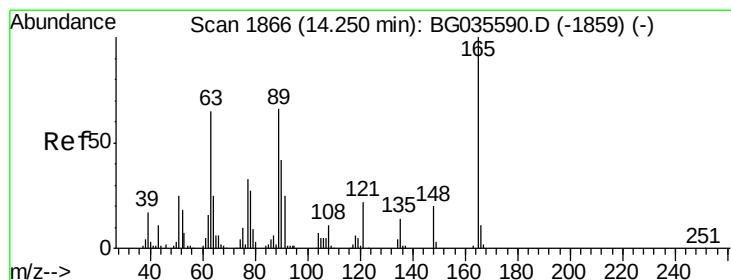
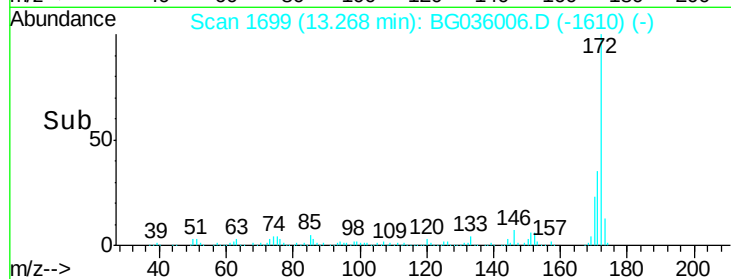
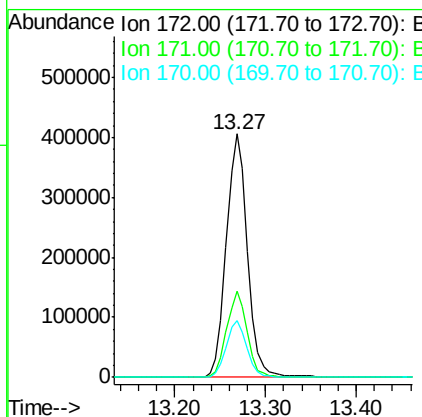
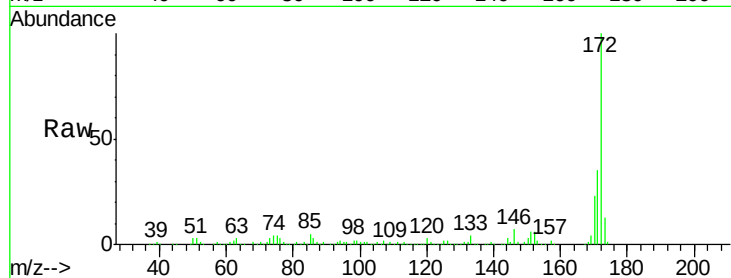




#44
 2-Fluorobiphenyl
 Concen: 102.301 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG036006.D
 Acq: 31 Jul 2018 18:08

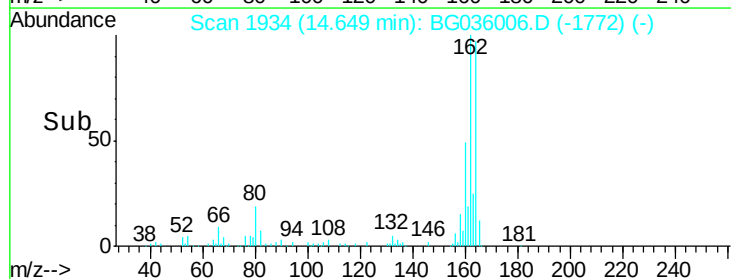
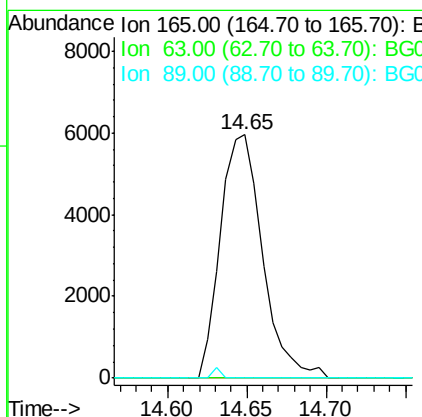
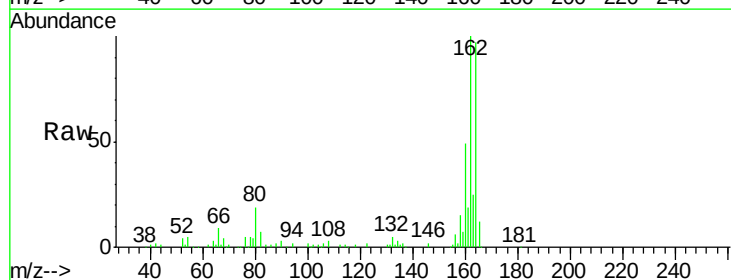
Instrument :
 BNA_G
 ClientSampleId :
 PB111524BL

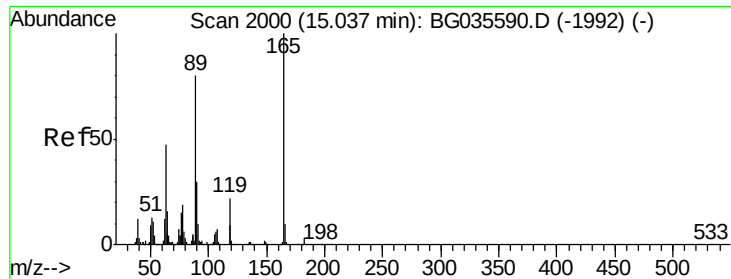
Tgt Ion:172 Resp: 657004
 Ion Ratio Lower Upper
 172 100
 171 35.4 30.0 45.0
 170 23.1 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.132 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. 0.42 min
 Lab File: BG036006.D
 Acq: 31 Jul 2018 18:08

Tgt Ion:165 Resp: 10949
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#

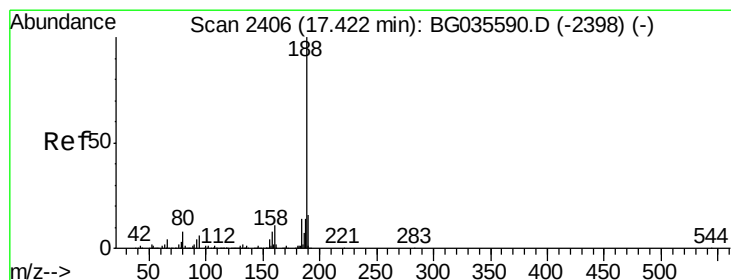
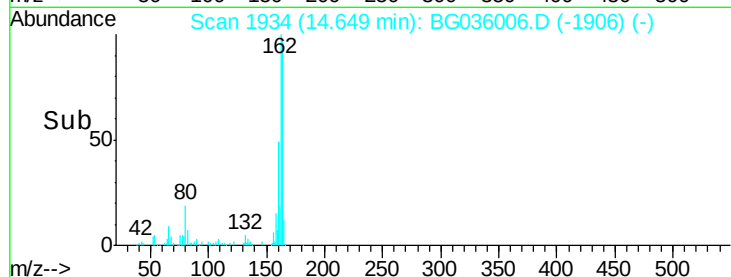
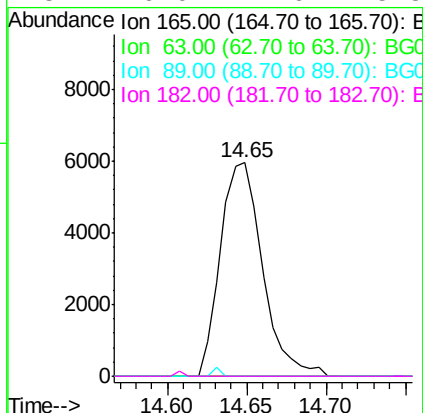
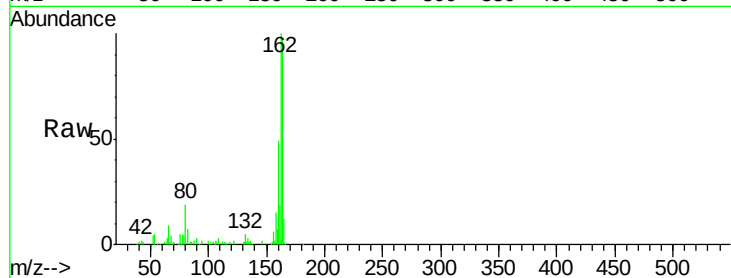




#56
 2,4-Dinitrotoluene
 Concen: 4.972 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.37 min
 Lab File: BG036006.D
 Acq: 31 Jul 2018 18:08

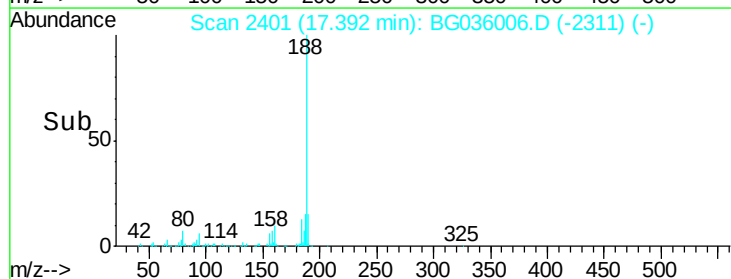
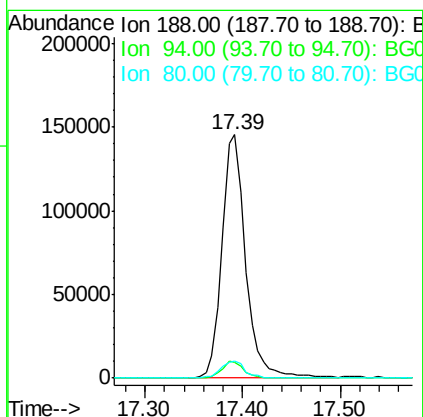
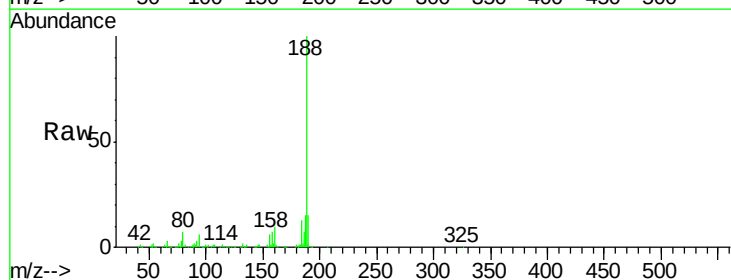
Instrument :
 BNA_G
 ClientSampleId :
 PB111524BL

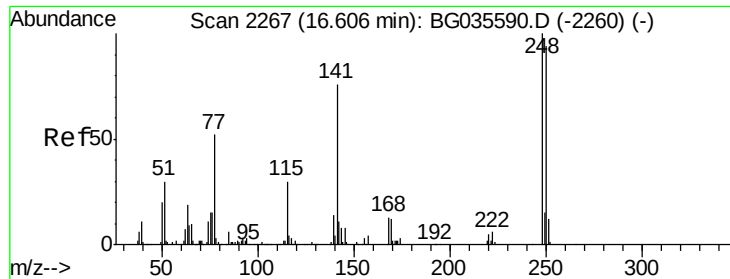
Tgt Ion:165 Resp: 10949
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 0.0 66.9 100.3#
 182 0.0 2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.39 min Scan# 2401
 Delta R.T. -0.00 min
 Lab File: BG036006.D
 Acq: 31 Jul 2018 18:08

Tgt Ion:188 Resp: 245004
 Ion Ratio Lower Upper
 188 100
 94 6.3 6.9 10.3#
 80 7.0 7.7 11.5#

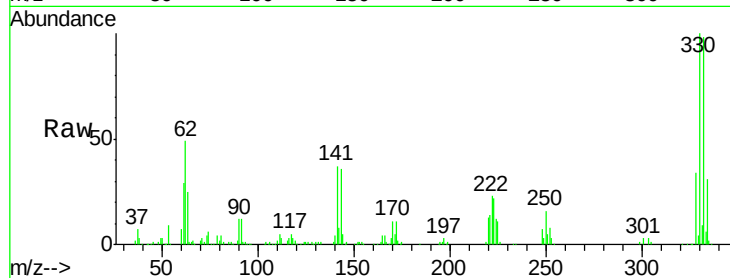




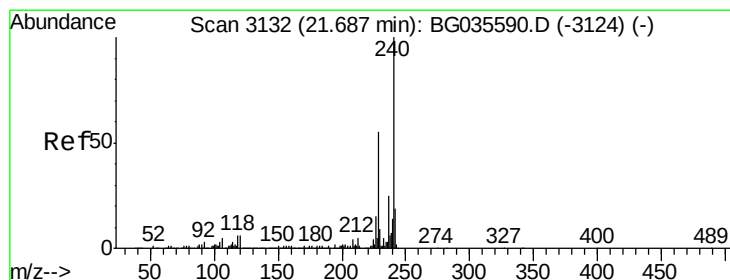
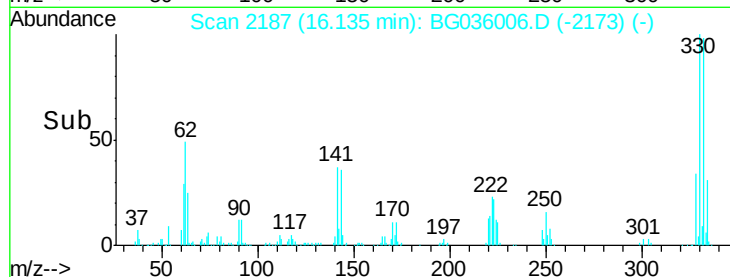
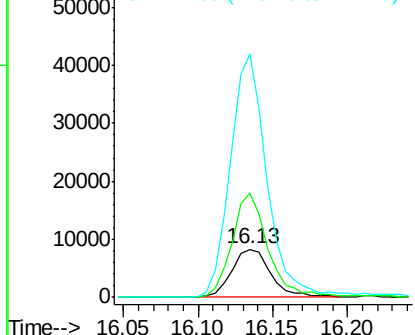
#66
 4-Bromophenyl-phenylether
 Concen: 5.343 ng
 RT: 16.13 min Scan# 2187
 Delta R.T. -0.45 min
 Lab File: BG036006.D
 Acq: 31 Jul 2018 18:08

Instrument :
 BNA_G
 ClientSampled :
 PB111524BL

Tgt Ion:248 Resp: 15187
 Ion Ratio Lower Upper
 248 100
 250 216.1 77.1 115.7#
 141 505.4 50.8 76.2#

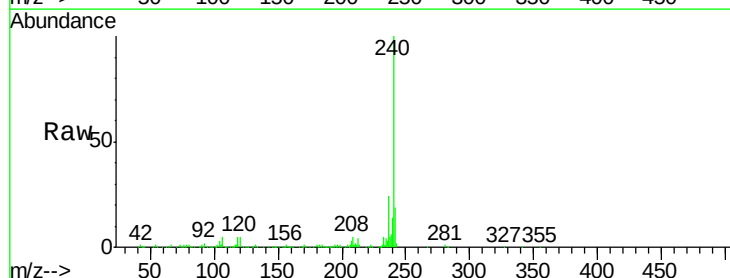


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

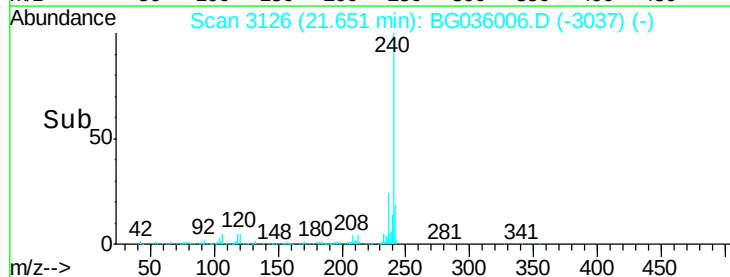
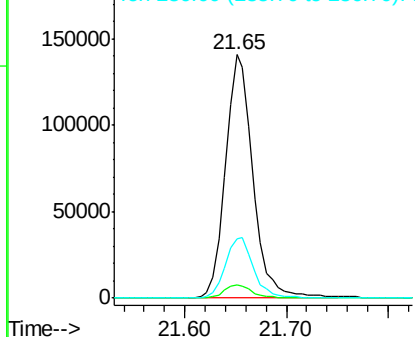


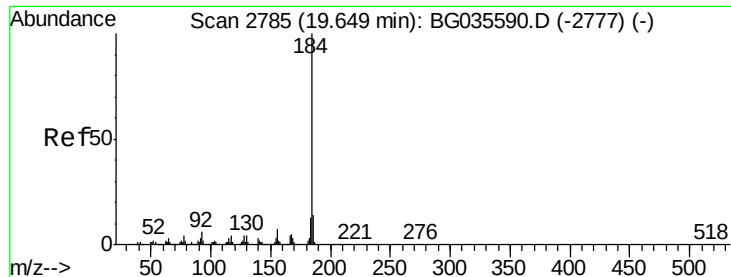
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.65 min Scan# 3126
 Delta R.T. -0.01 min
 Lab File: BG036006.D
 Acq: 31 Jul 2018 18:08

Tgt Ion:240 Resp: 262922
 Ion Ratio Lower Upper
 240 100
 120 5.4 6.8 10.2#
 236 24.2 20.9 31.3



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: 2.986 ng

RT: 19.99 min Scan# 2844

Delta R.T. 0.37 min

Lab File: BG036006.D

Acq: 31 Jul 2018 18:08

Instrument :

BNA_G

ClientSampleId :

PB111524BL

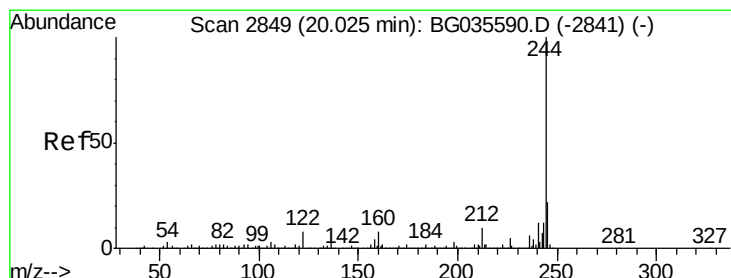
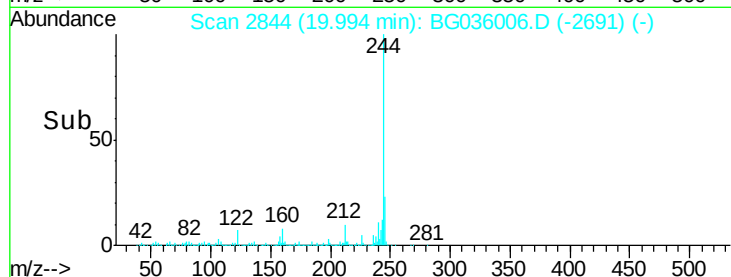
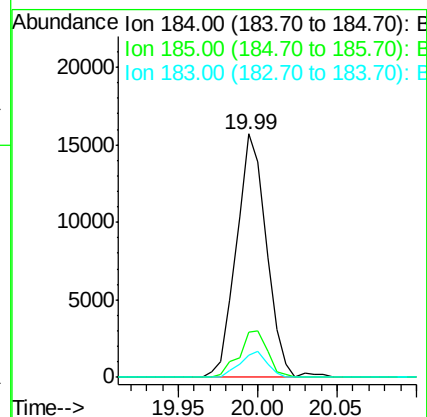
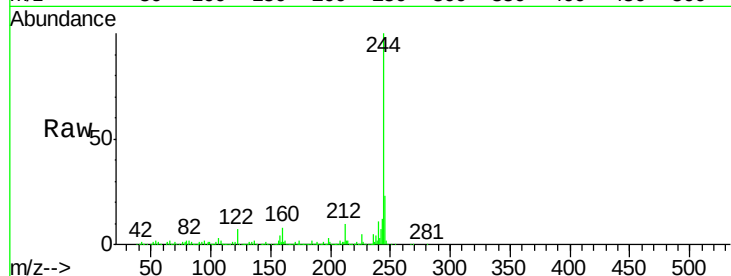
Tgt Ion:184 Resp: 20643

Ion Ratio Lower Upper

184 100

185 18.3 11.1 16.7#

183 9.4 10.6 16.0#



#78

Terphenyl-d14

Concen: 103.841 ng

RT: 19.99 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BG036006.D

Acq: 31 Jul 2018 18:08

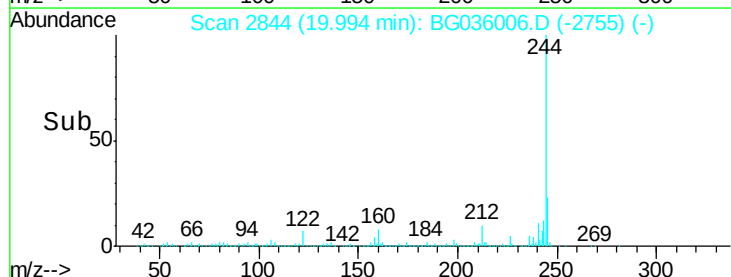
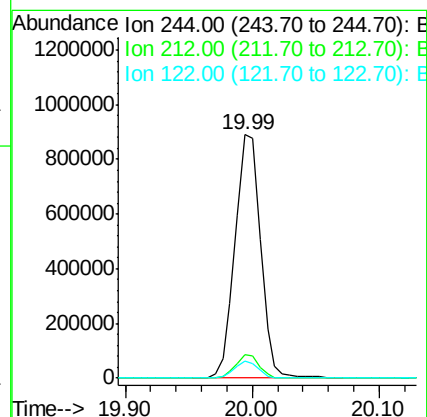
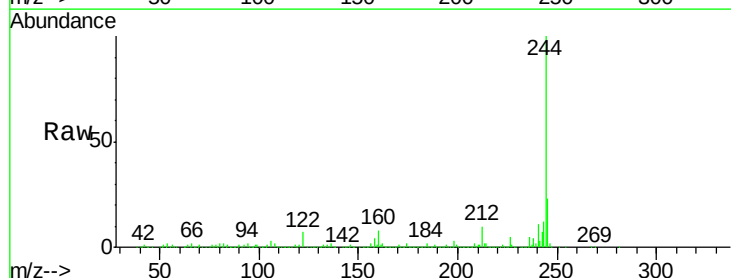
Tgt Ion:244 Resp: 1238588

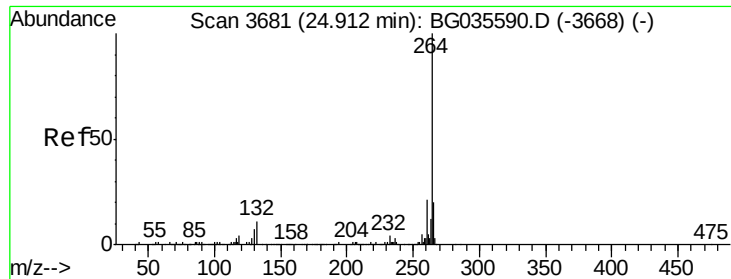
Ion Ratio Lower Upper

244 100

212 9.5 5.8 8.8#

122 7.1 7.0 10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3670
Delta R.T. -0.01 min
Lab File: BG036006.D
Acq: 31 Jul 2018 18:08

Instrument :
BNA_G
ClientSampleId :
PB111524BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	23.4	17.7	26.5

