

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073018\
 Data File : BG035993.D
 Acq On : 31 Jul 2018 3:21
 Operator : JU/SJ
 Sample : J4219-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 31 05:23:36 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 01:42:28 2018
 Response via : Initial Calibration

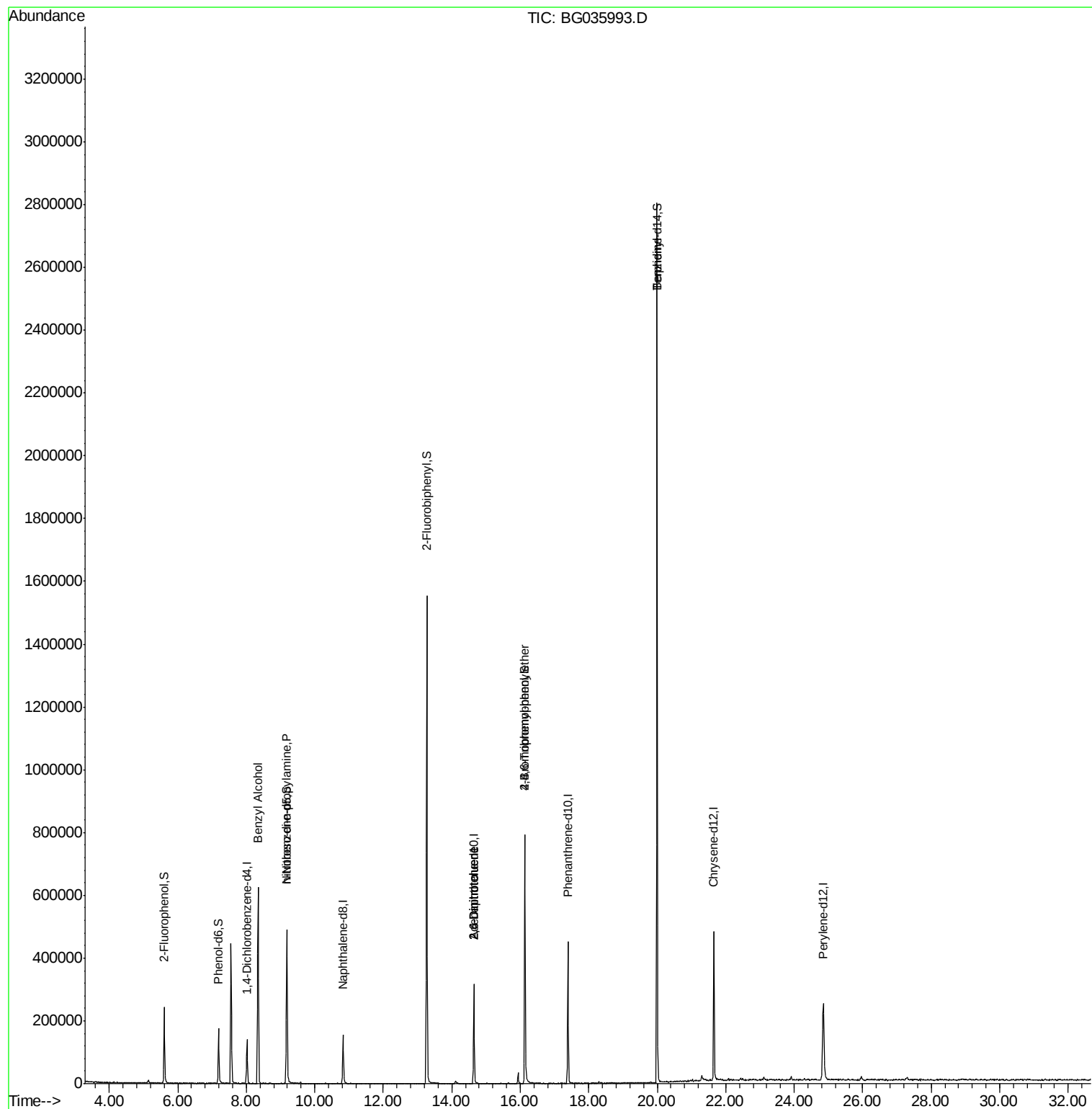
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	39209	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	147014	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	113342	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	311752	20.00	ng	0.00
75) Chrysene-d12	21.65	240	324939	20.00	ng	0.00
86) Perylene-d12	24.85	264	304481	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	112634	47.69	ng	0.00
7) Phenol-d6	7.19	99	115974	32.91	ng	0.00
23) Nitrobenzene-d5	9.19	82	348673	99.08	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	151499	101.41	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	857643	101.38	ng	0.00
78) Terphenyl-d14	20.00	244	1327883	90.08	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.35	79	6625	2.070	ng	# 54
19) n-Nitroso-di-n-propylamine	9.19	70	46920	15.813	ng	# 68
50) 2,6-Dinitrotoluene	14.64	165	15050	7.442	ng	# 20
56) 2,4-Dinitrotoluene	14.64	165	15050	5.188	ng	# 18
66) 4-Bromophenyl-phenylether	16.14	248	13299	3.677	ng	# 1
76) Benzidine	20.00	184	23917	2.800	ng	# 90

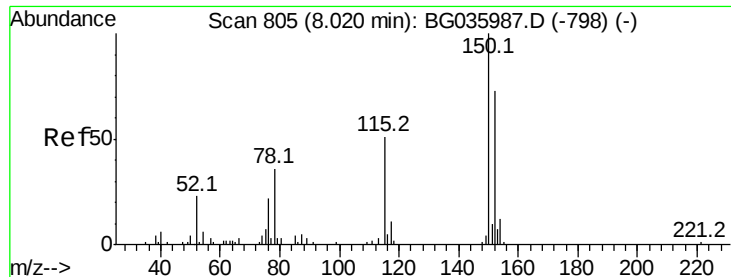
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073018\
Data File : BG035993.D
Acq On : 31 Jul 2018 3:21
Operator : JU/SJ
Sample : J4219-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jul 31 05:23:36 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 01:42:28 2018
Response via : Initial Calibration



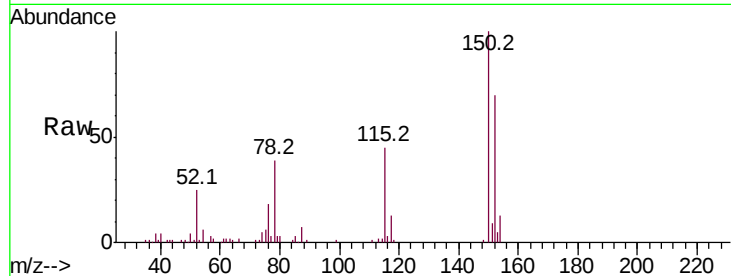


#1

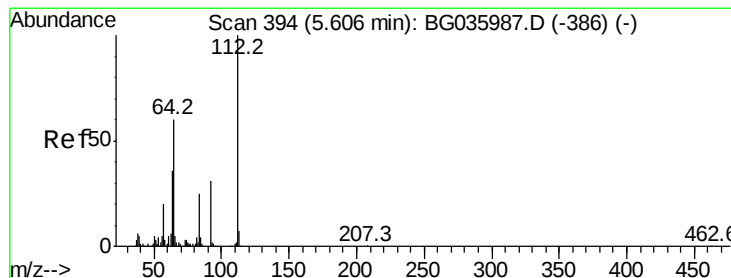
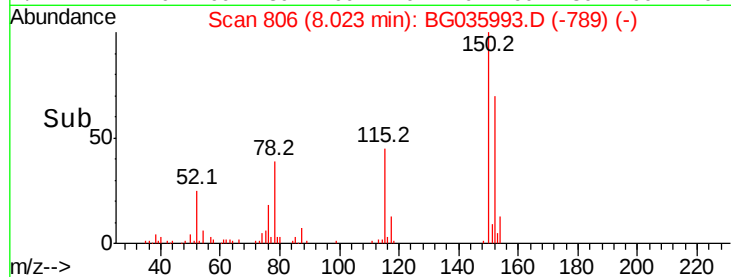
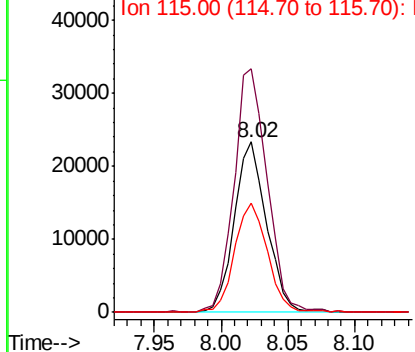
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG035993.D
Acq: 31 Jul 2018 3:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	142.9	126.6	189.8
115	64.4	53.0	79.4



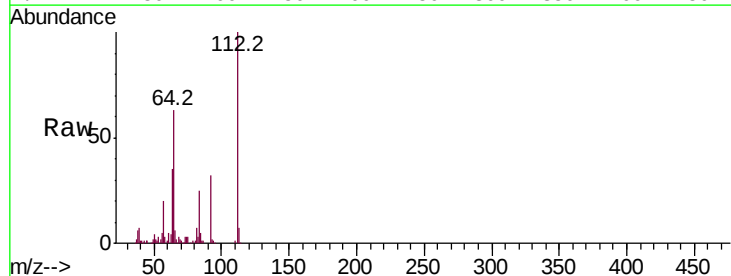
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



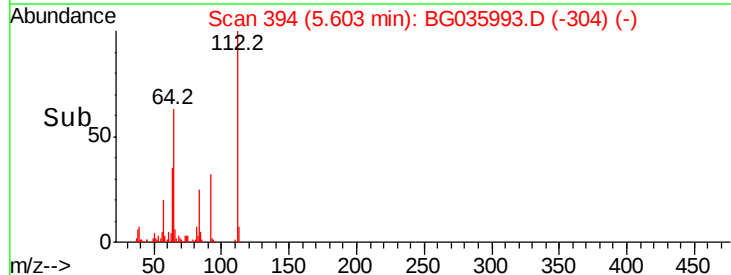
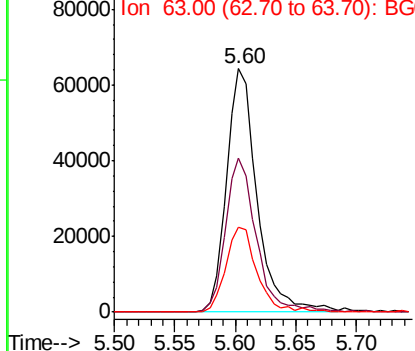
#5

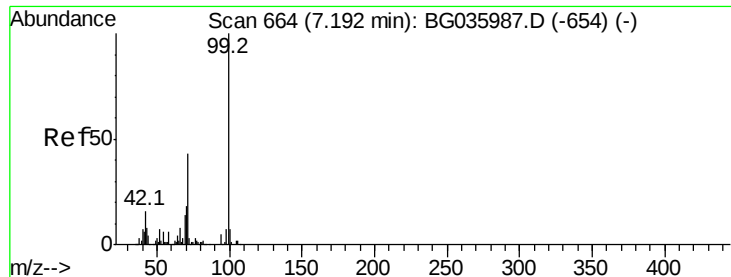
2-Fluorophenol
Concen: 47.693 ng
RT: 5.60 min Scan# 394
Delta R.T. -0.00 min
Lab File: BG035993.D
Acq: 31 Jul 2018 3:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.1	56.3	84.5
63	34.7	30.1	45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 32.914 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG035993.D

Acq: 31 Jul 2018 3:21

Instrument :

BNA_G

ClientSampleId :

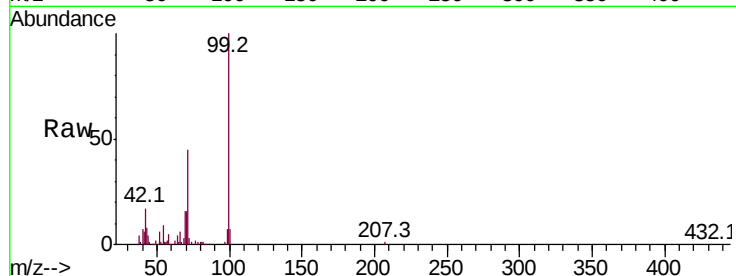
Tot Ion: 99 Resp: 115974

Ion Ratio Lower Upper

99 100

42 16.9 14.1 21.1

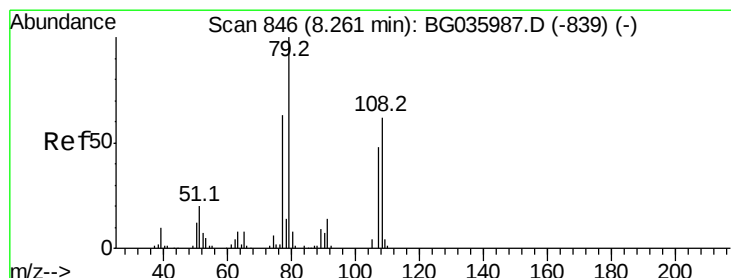
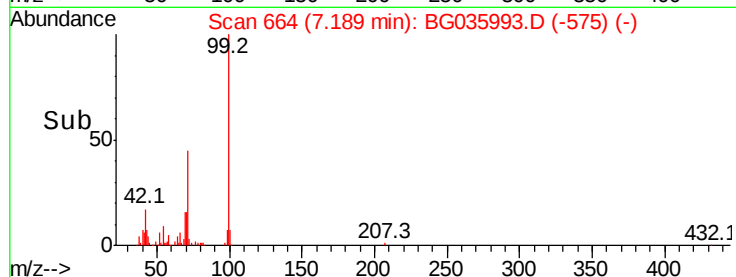
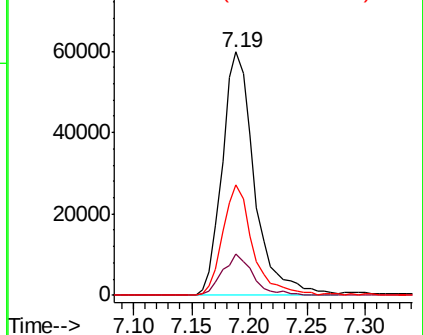
71 45.2 26.1 39.1#



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



#15

Benzyl Alcohol

Concen: 2.070 ng

RT: 8.35 min Scan# 861

Delta R.T. 0.08 min

Lab File: BG035993.D

Acq: 31 Jul 2018 3:21

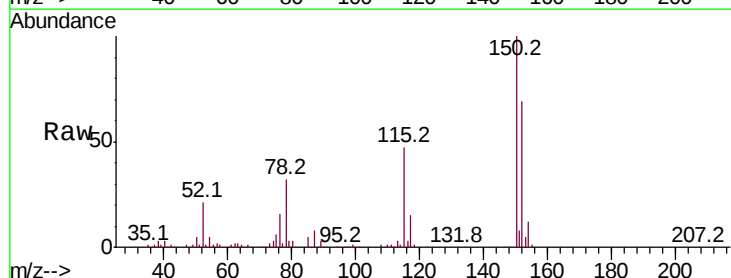
Tgt Ion: 79 Resp: 6625

Ion Ratio Lower Upper

79 100

108 21.6 57.2 85.8#

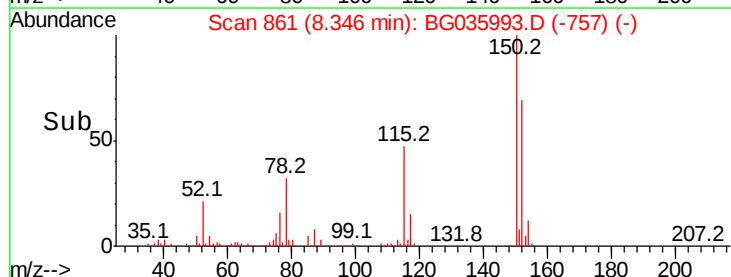
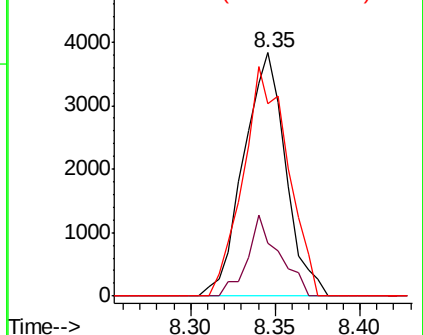
77 79.2 46.1 69.1#

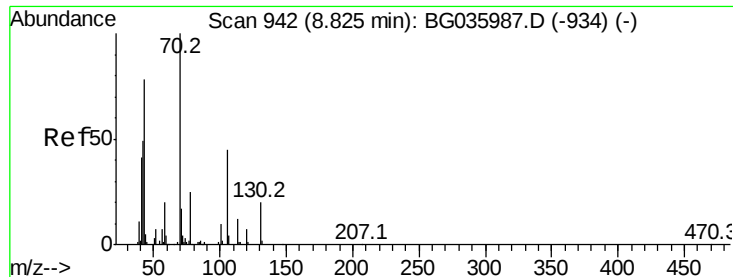


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

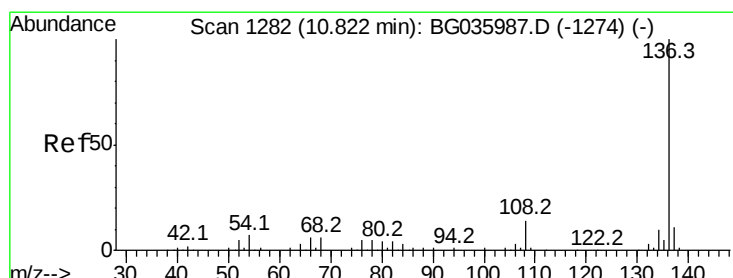
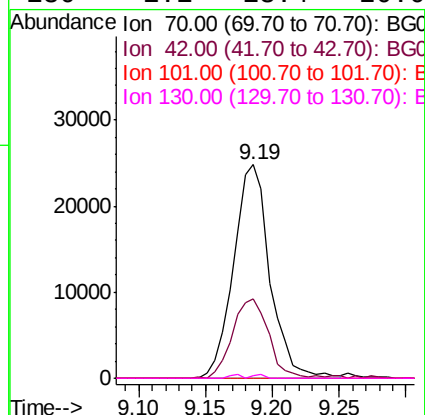
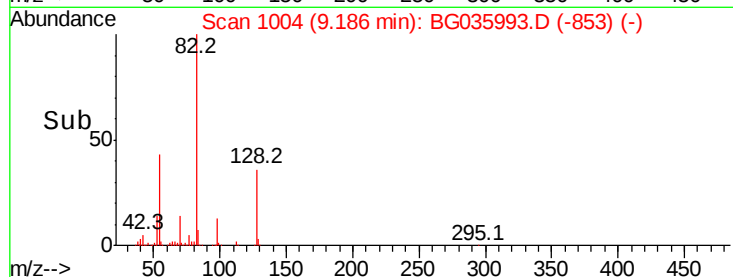
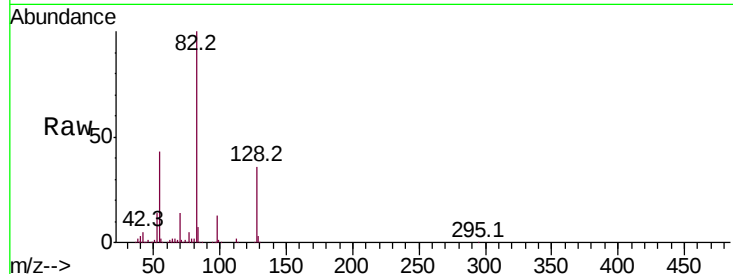




#19
n-Nitroso-di-n-propylamine
Concen: 15.813 ng
RT: 9.19 min Scan# 1004
Delta R.T. 0.36 min
Lab File: BG035993.D
Acq: 31 Jul 2018 3:21

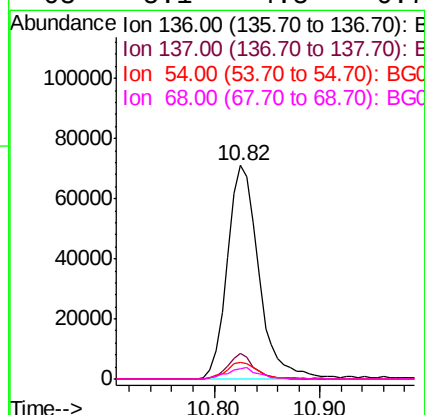
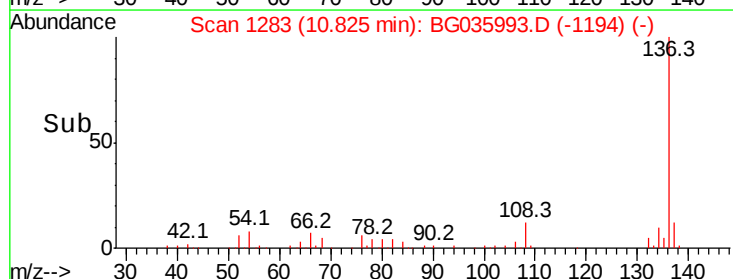
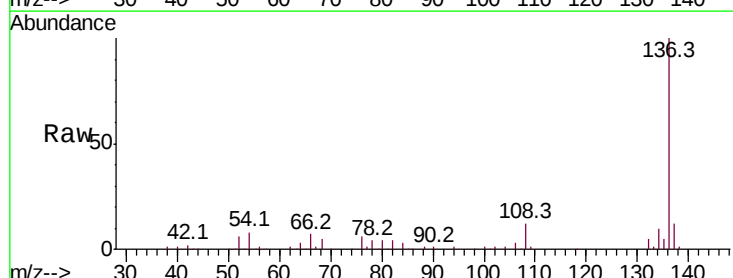
Instrument :
BNA_G
ClientSampleId :

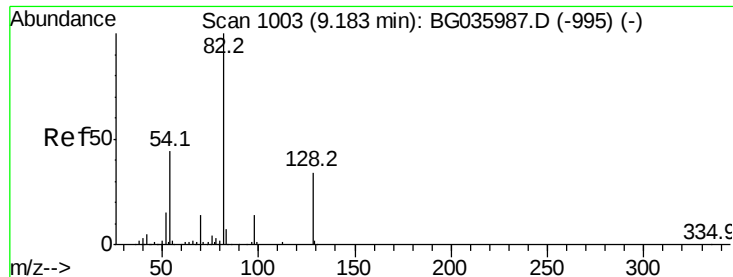
Tot Ion: 70 Resp: 46920
Ion Ratio Lower Upper
70 100
42 37.4 49.1 73.7#
101 0.0 8.5 12.7#
130 1.1 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG035993.D
Acq: 31 Jul 2018 3:21

Tgt Ion: 136 Resp: 147014
Ion Ratio Lower Upper
136 100
137 12.2 9.2 13.8
54 7.9 10.3 15.5#
68 5.1 4.5 6.7





#23

Nitrobenzene-d5

Concen: 99.077 ng

RT: 9.19 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BG035993.D

Acq: 31 Jul 2018 3:21

Instrument :

BNA_G

ClientSampleId :

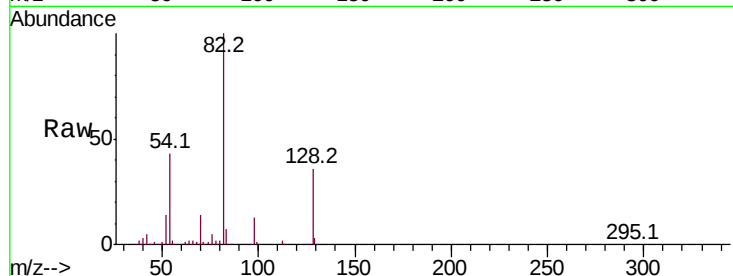
Tot Ion: 82 Resp: 348673

Ion Ratio Lower Upper

82 100

128 35.7 29.7 44.5

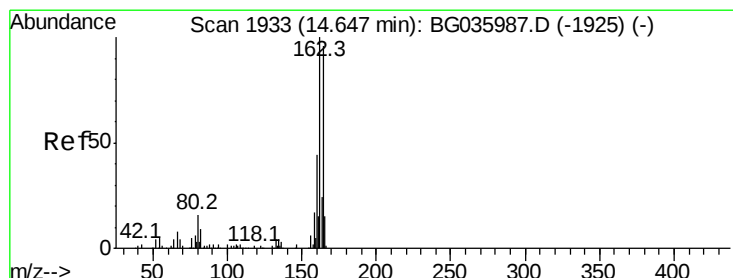
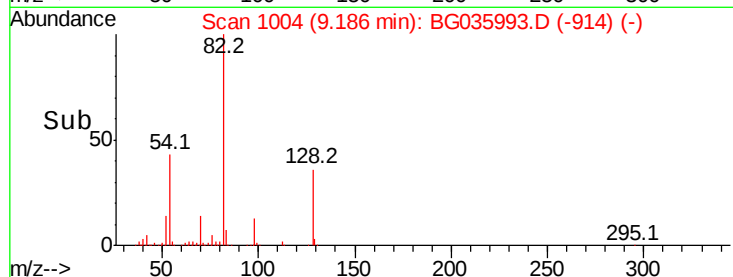
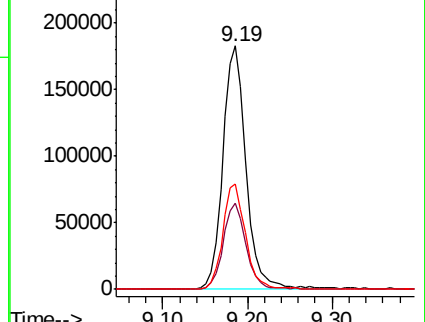
54 43.1 43.1 64.7#



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: 14.65 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BG035993.D

Acq: 31 Jul 2018 3:21

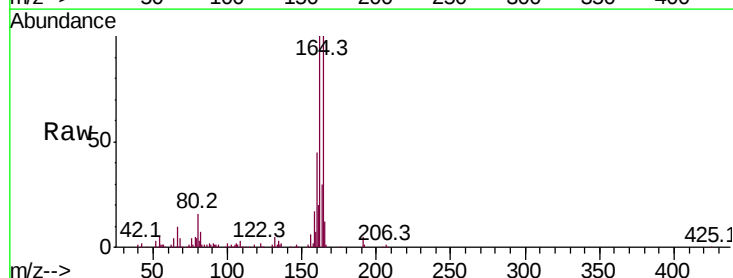
Tgt Ion: 164 Resp: 113342

Ion Ratio Lower Upper

164 100

162 99.9 78.8 118.2

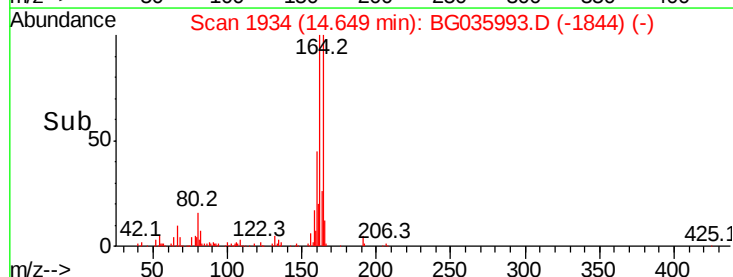
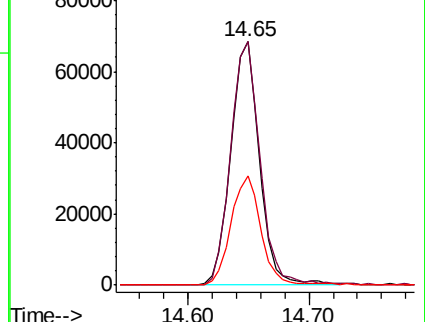
160 44.7 35.4 53.0

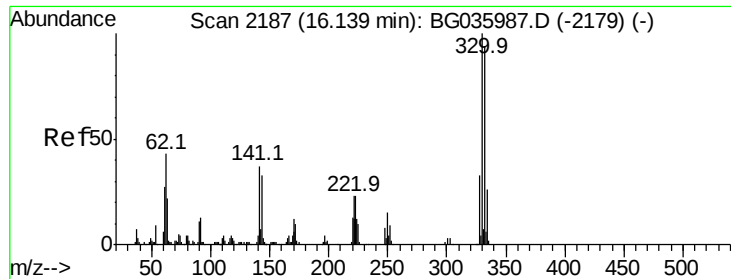


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

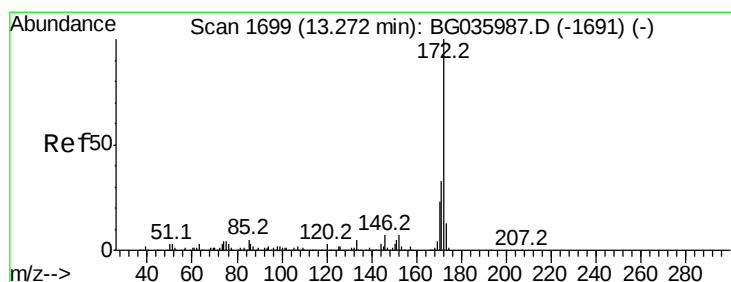
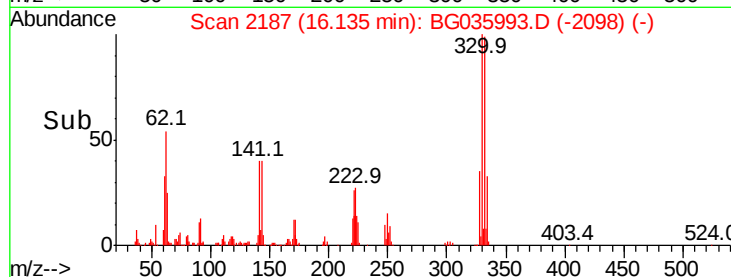
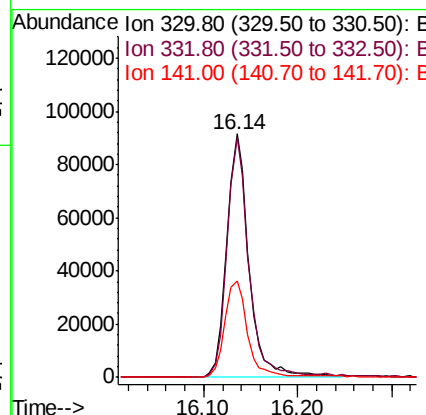
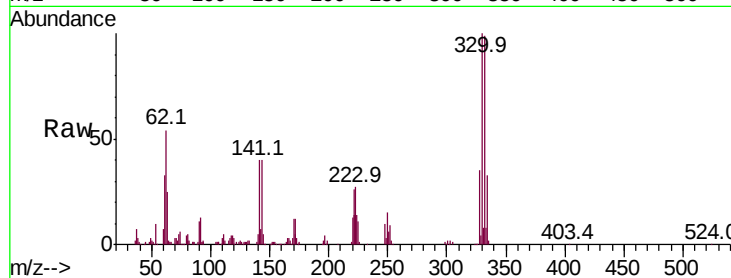




#41
 2,4,6-Tribromophenol
 Concen: 101.410 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG035993.D
 Acq: 31 Jul 2018 3:21

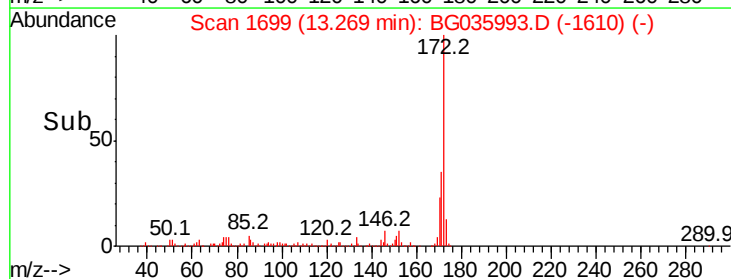
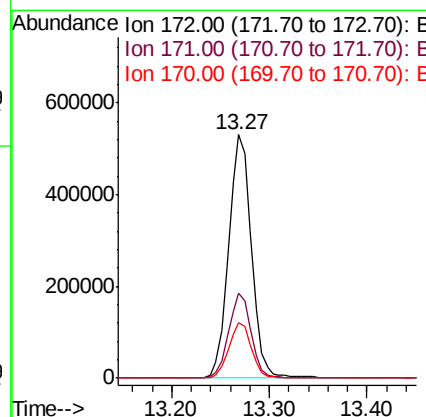
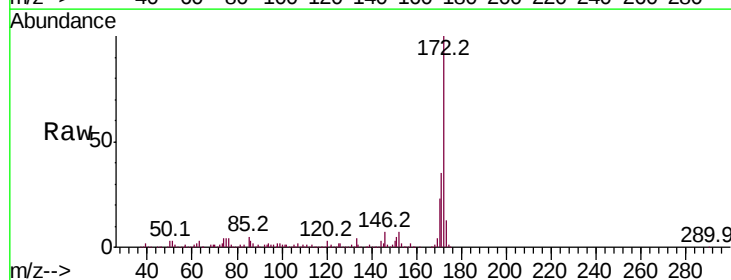
Instrument :
 BNA_G
 ClientSampleId :

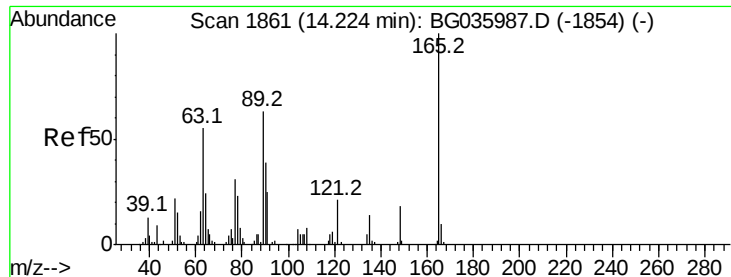
Tot Ion:330 Resp: 151499
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 40.7 25.2 37.8#



#44
 2-Fluorobiphenyl
 Concen: 101.376 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG035993.D
 Acq: 31 Jul 2018 3:21

Tgt Ion:172 Resp: 857643
 Ion Ratio Lower Upper
 172 100
 171 35.0 30.0 45.0
 170 22.6 19.5 29.3

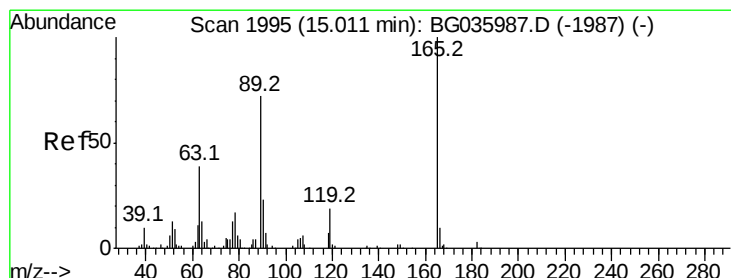
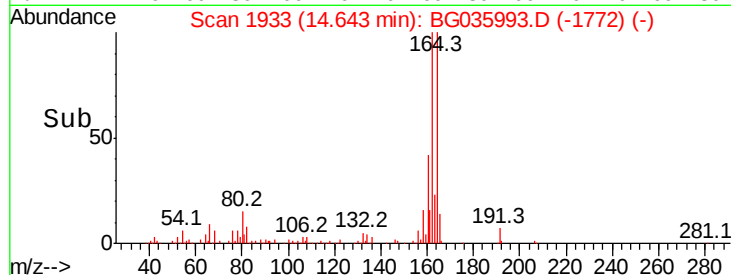
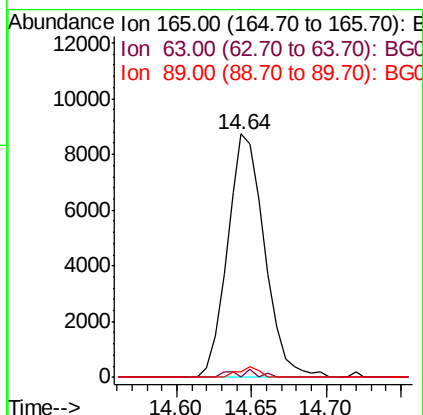
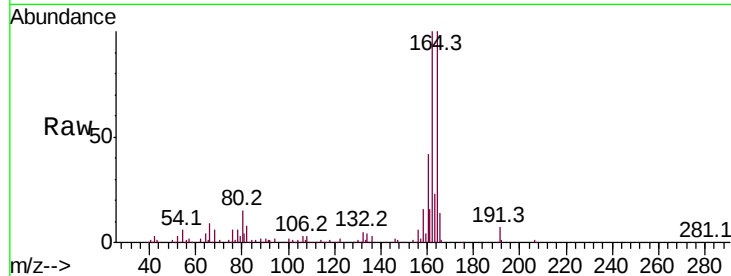




#50
 2,6-Dinitrotoluene
 Concen: 7.442 ng
 RT: 14.64 min Scan# 1933
 Delta R.T. 0.42 min
 Lab File: BG035993.D
 Acq: 31 Jul 2018 3:21

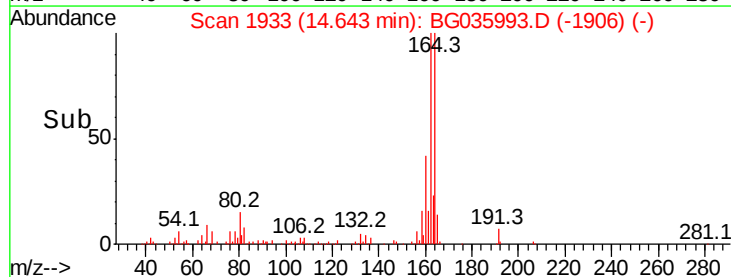
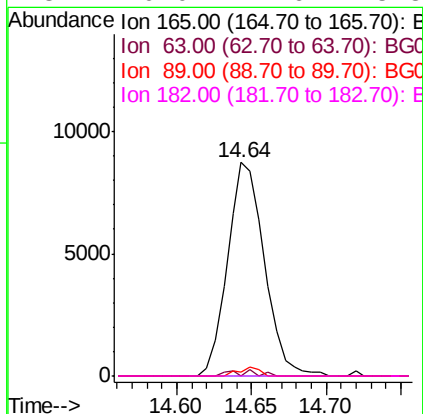
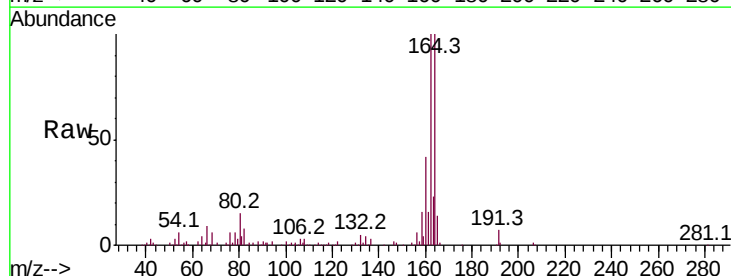
Instrument :
 BNA_G
 ClientSampleId :

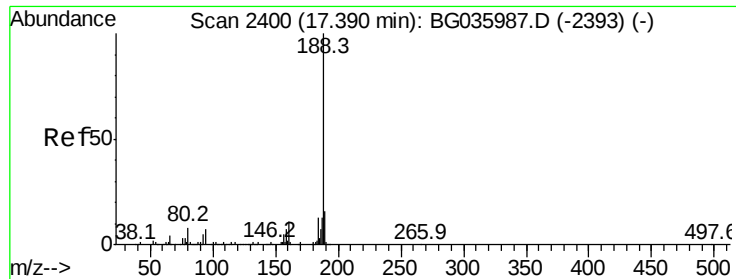
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	2.1	49.2	73.8#



#56
 2,4-Dinitrotoluene
 Concen: 5.188 ng
 RT: 14.64 min Scan# 1933
 Delta R.T. -0.37 min
 Lab File: BG035993.D
 Acq: 31 Jul 2018 3:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	2.1	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: BG035993.D

Acq: 31 Jul 2018 3:21

Instrument :

BNA_G

ClientSampled :

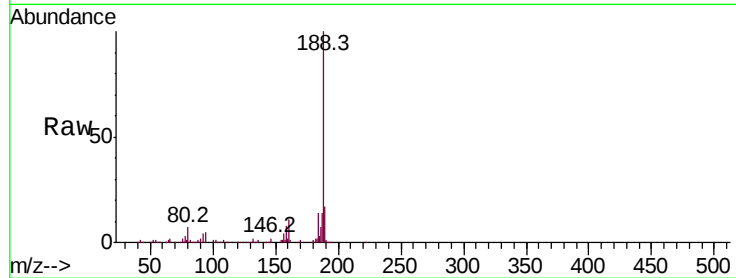
Tot Ion:188 Resp: 311752

Ion Ratio Lower Upper

188 100

94 5.3 6.9 10.3#

80 7.3 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0

250000

200000

150000

100000

50000

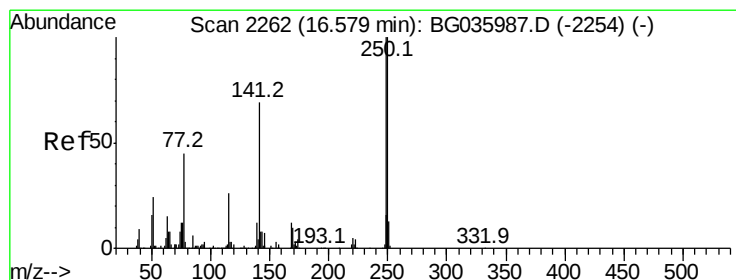
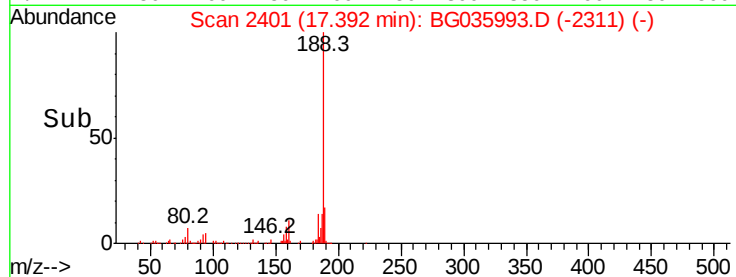
0

17.39

17.40

17.50

Time-->



#66

4-Bromophenyl-phenylether

Concen: 3.677 ng

RT: 16.14 min Scan# 2187

Delta R.T. -0.45 min

Lab File: BG035993.D

Acq: 31 Jul 2018 3:21

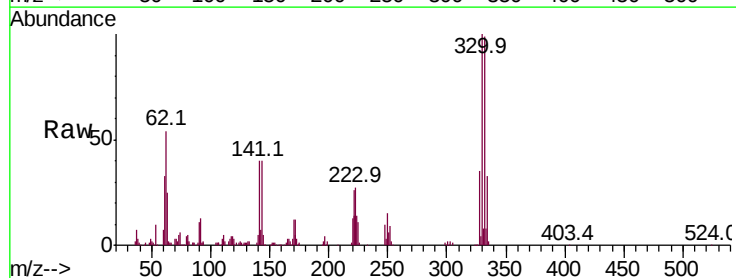
Tgt Ion:248 Resp: 13299

Ion Ratio Lower Upper

248 100

250 155.1 77.1 115.7#

141 409.1 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

50000

40000

30000

20000

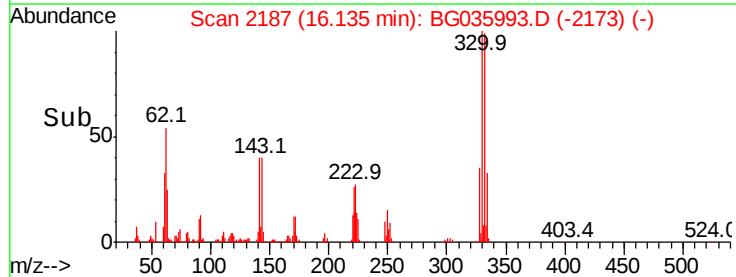
10000

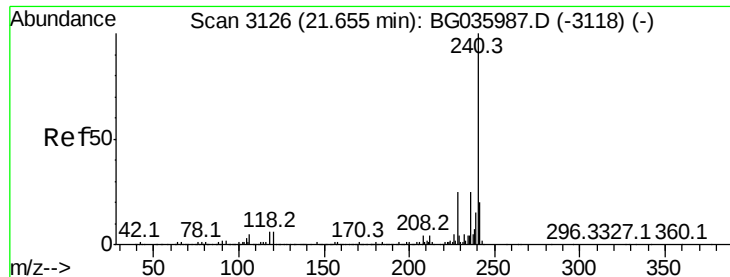
0

16.14

16.20

Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BG035993.D

Acq: 31 Jul 2018 3:21

Instrument :

BNA_G

ClientSampled :

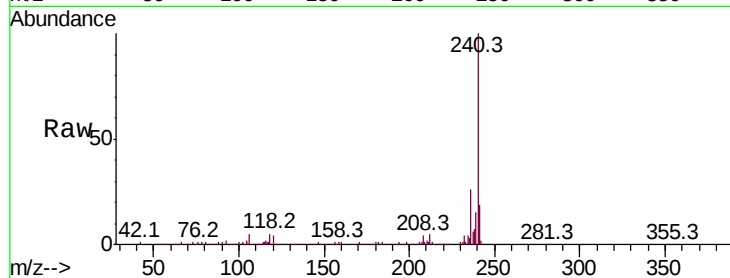
Tot Ion:240 Resp: 324939

Ion Ratio Lower Upper

240 100

120 4.4 6.8 10.2#

236 25.9 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

250000 Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.65

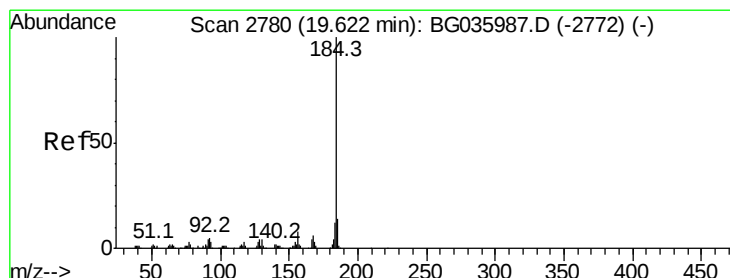
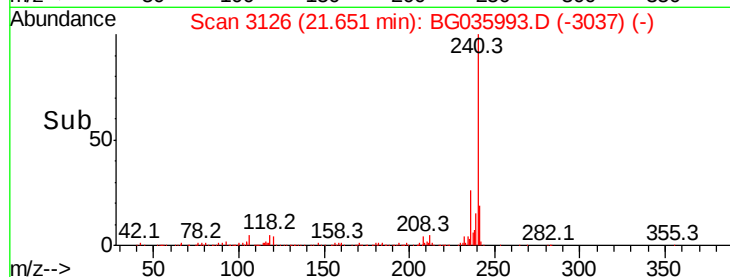
150000

100000

50000

0

Time-->



#76

Benzidine

Concen: 2.800 ng

RT: 20.00 min Scan# 2845

Delta R.T. 0.37 min

Lab File: BG035993.D

Acq: 31 Jul 2018 3:21

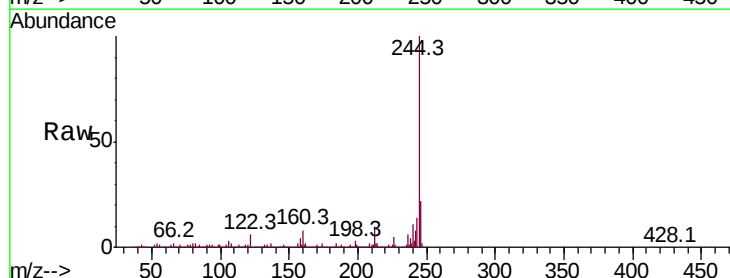
Tgt Ion:184 Resp: 23917

Ion Ratio Lower Upper

184 100

185 18.5 11.1 16.7#

183 10.1 10.6 16.0#



Abundance Ion 184.00 (183.70 to 184.70): E

25000 Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

20.00

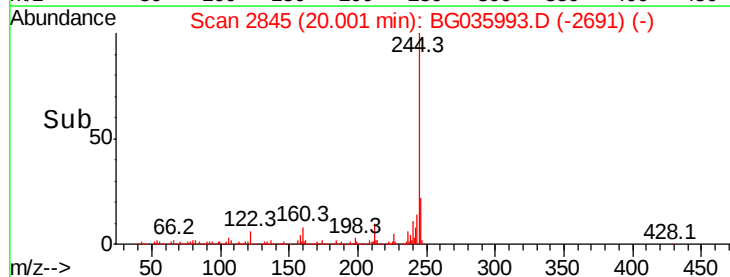
15000

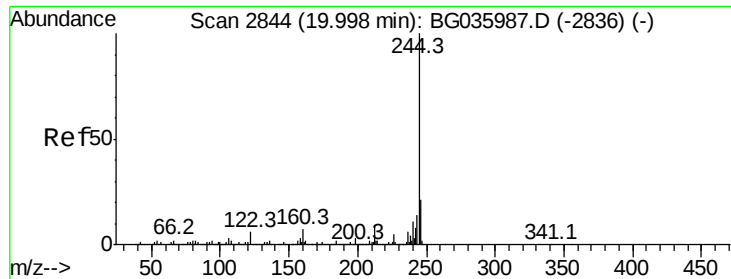
10000

5000

0

Time-->

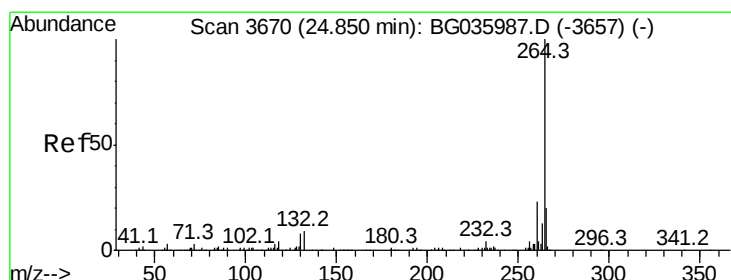
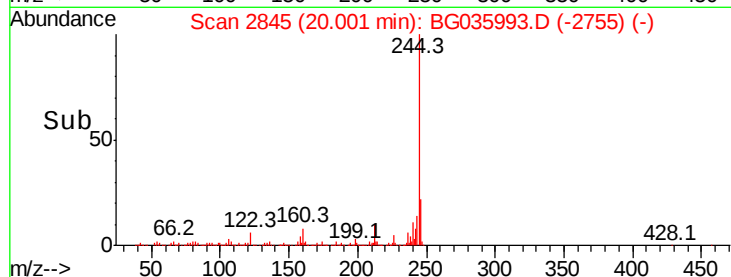
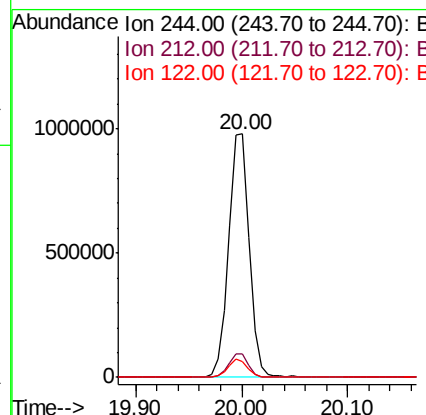
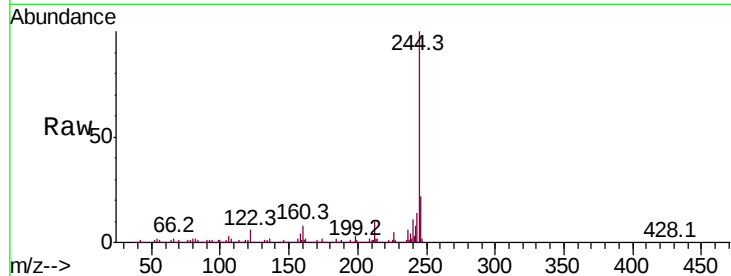




#78
 Terphenyl-d14
 Concen: 90.080 ng
 RT: 20.00 min Scan# 2845
 Delta R.T. -0.00 min
 Lab File: BG035993.D
 Acq: 31 Jul 2018 3:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1327883
 Ion Ratio Lower Upper
 244 100
 212 9.5 5.8 8.8#
 122 6.3 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.85 min Scan# 3671
 Delta R.T. -0.01 min
 Lab File: BG035993.D
 Acq: 31 Jul 2018 3:21

Tgt Ion:264 Resp: 304481
 Ion Ratio Lower Upper
 264 100
 260 22.2 17.4 26.0
 265 22.5 17.7 26.5

