

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040518\
 Data File : BG033600.D
 Acq On : 5 Apr 2018 19:49
 Operator : SJ/JU
 Sample : J2265-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 06 03:20:35 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 05 17:36:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	28697	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	142133	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	114391	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	291607	20.00	ng	0.00
75) Chrysene-d12	22.56	240	285279	20.00	ng	0.00
86) Perylene-d12	26.31	264	295400	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.29	112	223535	146.06	ng	0.00
7) Phenol-d6	7.97	99	358421	136.30	ng	0.00
23) Nitrobenzene-d5	10.06	82	227186	73.44	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	177162	103.55	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	533808	67.37	ng	0.00
78) Terphenyl-d14	20.73	244	913349	68.47	ng	0.00

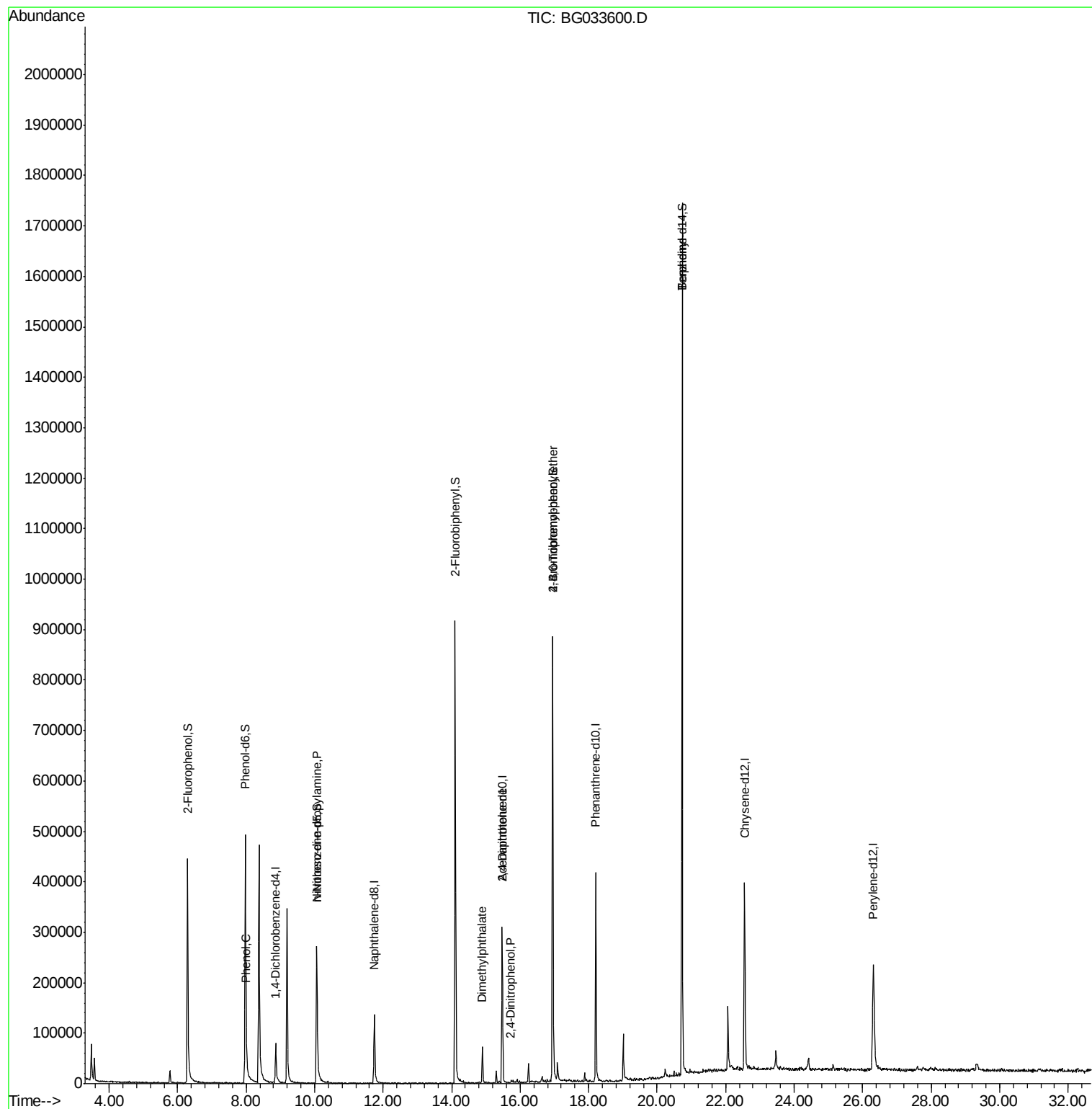
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	8.01	94	5846	2.252	ng	# 4
19) n-Nitroso-di-n-propylamine	10.06	70	31108	16.145	ng	# 74
49) Dimethylphthalate	14.89	163	48322	4.854	ng	# 96
53) 2,4-Dinitrophenol	15.71	184	67	7.700	ng	# 1
56) 2,4-Dinitrotoluene	15.48	165	14779	4.931	ng	# 18
66) 4-Bromophenyl-phenylether	16.95	248	13312	3.887	ng	# 1
76) Benzidine	20.73	184	15865	2.051	ng	# 90

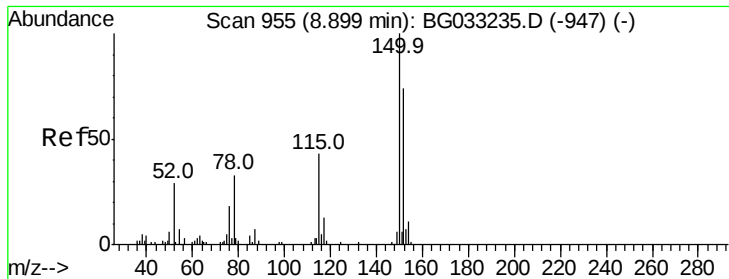
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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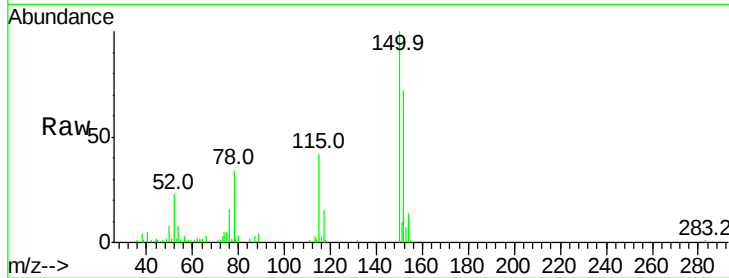


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 949
Delta R.T. 0.00 min
Lab File: BG033600.D
Acq: 5 Apr 2018 19:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	138.6	126.6	189.8
115	57.6	53.0	79.4

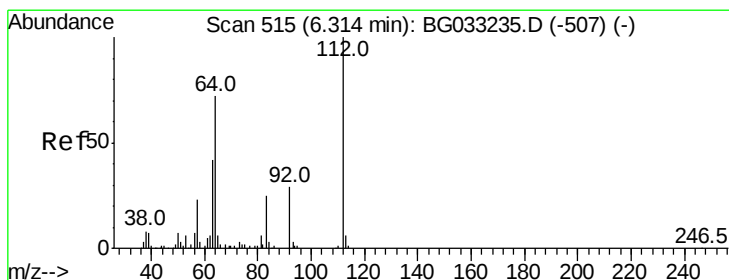
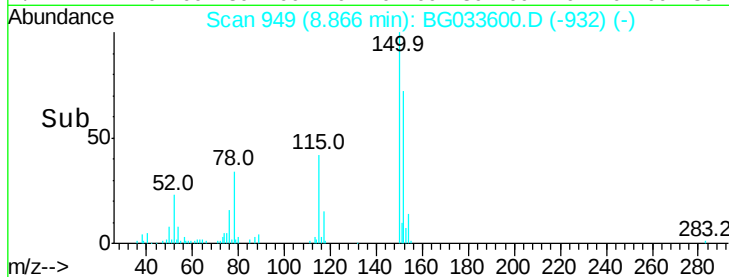
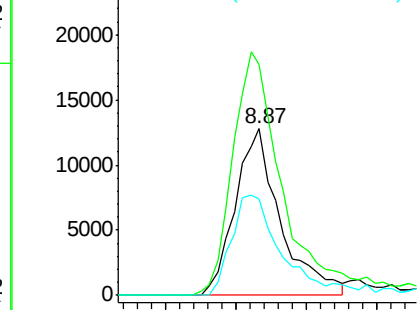


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

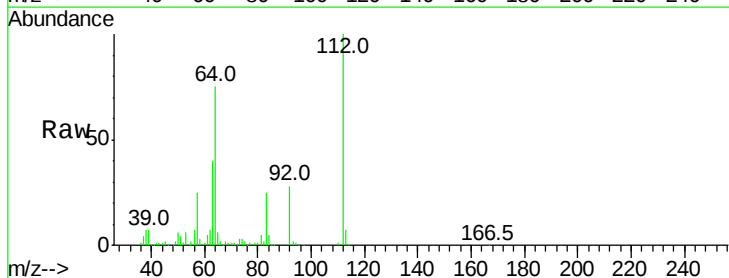
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 146.062 ng
RT: 6.29 min Scan# 510
Delta R.T. -0.00 min
Lab File: BG033600.D
Acq: 5 Apr 2018 19:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.5	56.3	84.5
63	40.5	30.1	45.1

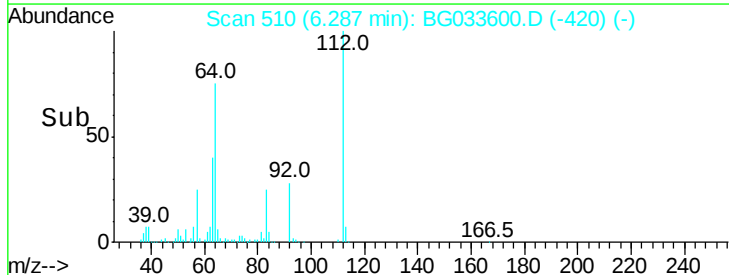
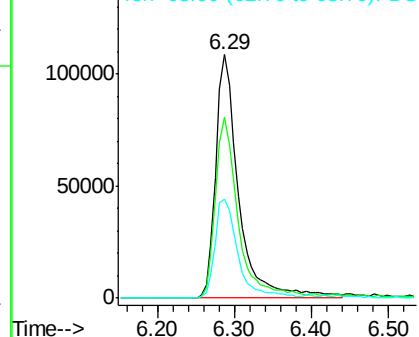


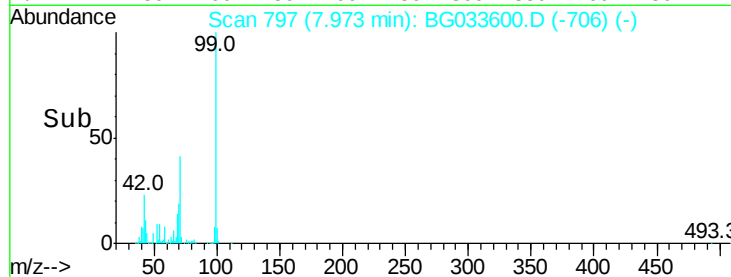
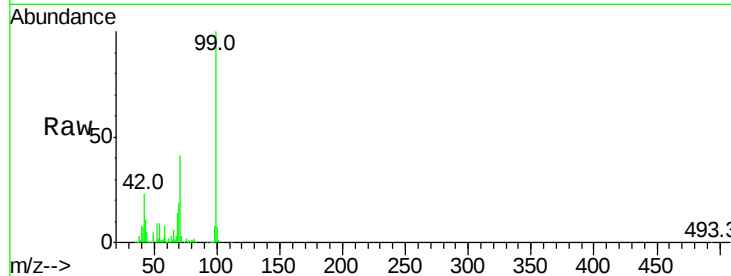
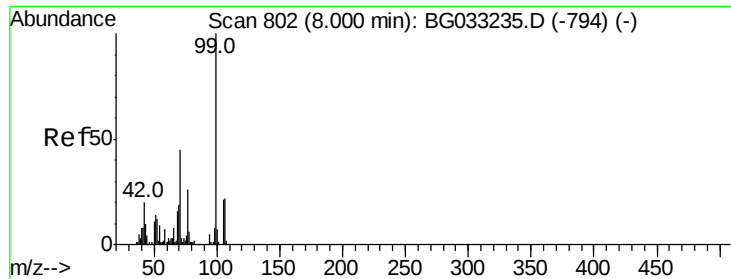
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 136.305 ng

RT: 7.97 min Scan# 797

Delta R.T. 0.00 min

Lab File: BG033600.D

Acq: 5 Apr 2018 19:49

Instrument :

BNA_G

ClientSampleId :

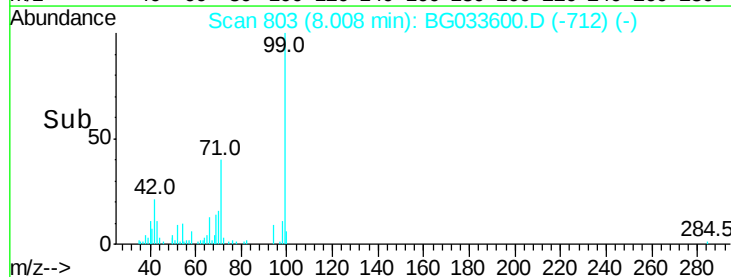
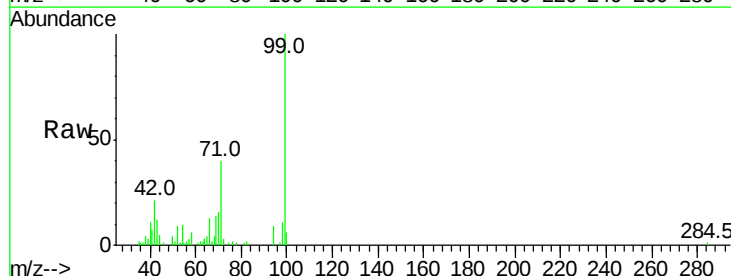
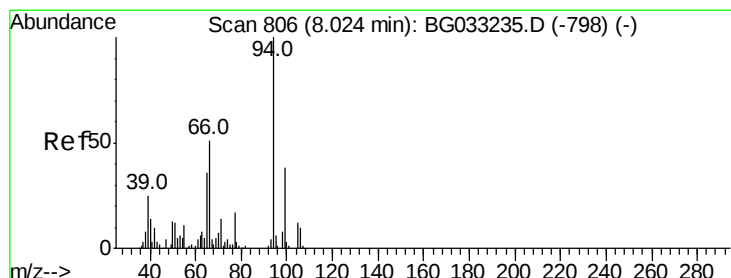
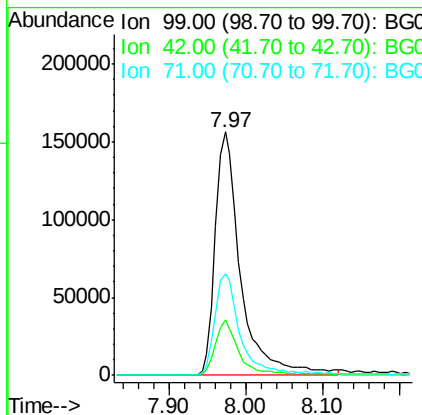
Tot Ion: 99 Resp: 358421

Ion Ratio Lower Upper

99 100

42 22.9 14.1 21.1#

71 41.5 26.1 39.1#



#10

Phenol

Concen: 2.252 ng

RT: 8.01 min Scan# 803

Delta R.T. 0.00 min

Lab File: BG033600.D

Acq: 5 Apr 2018 19:49

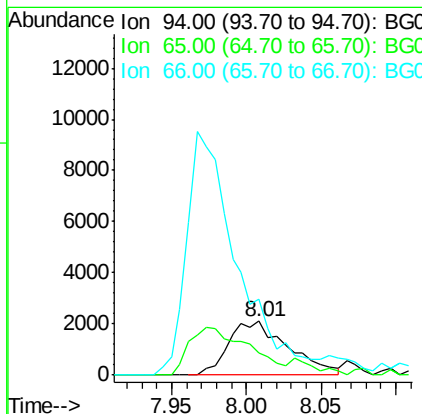
Tgt Ion: 94 Resp: 5846

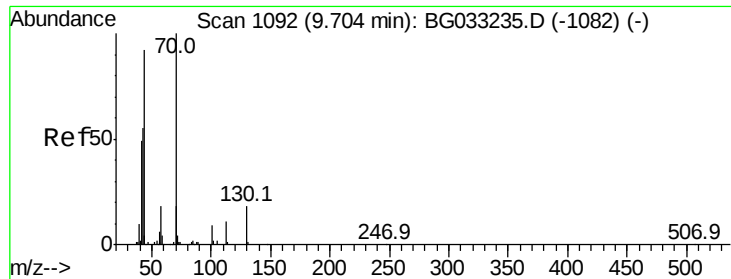
Ion Ratio Lower Upper

94 100

65 41.9 11.9 51.9

66 140.2 22.2 62.2#

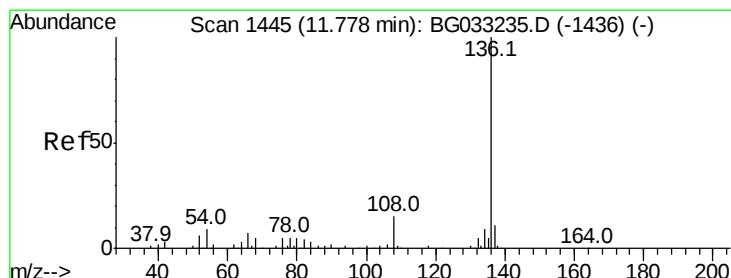
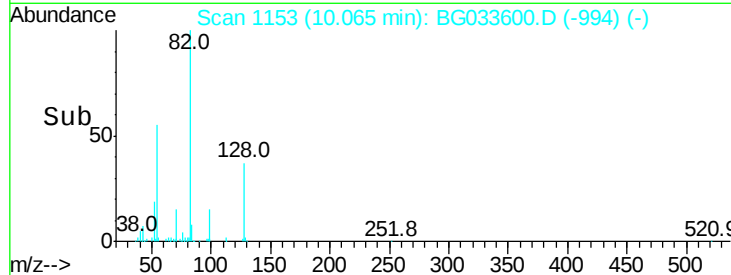
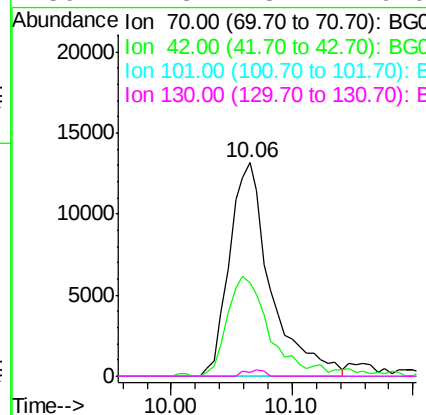
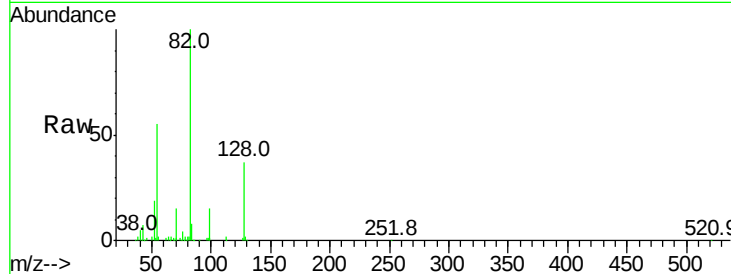




#19
 n-Nitroso-di-n-propylamine
 Concen: 16.145 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. 0.40 min
 Lab File: BG033600.D
 Acq: 5 Apr 2018 19:49

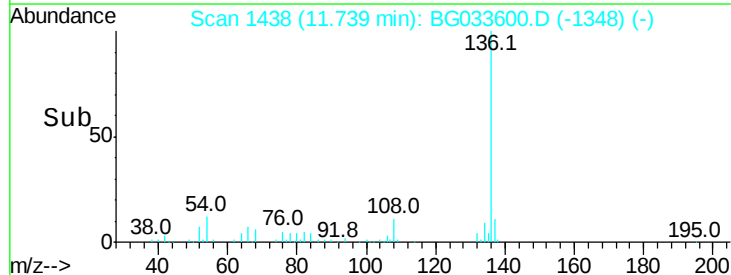
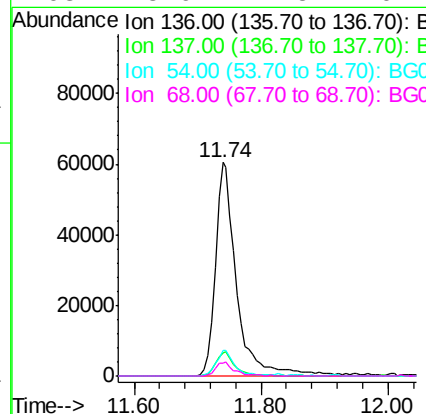
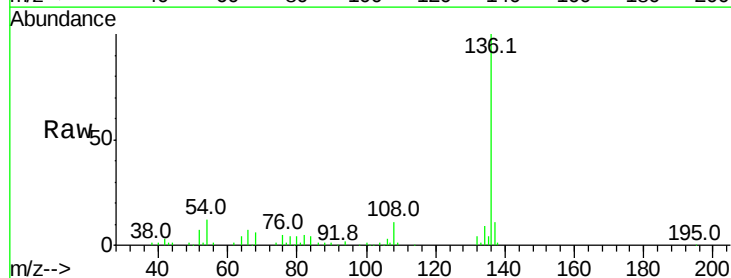
Instrument :
 BNA_G
 ClientSampleId :

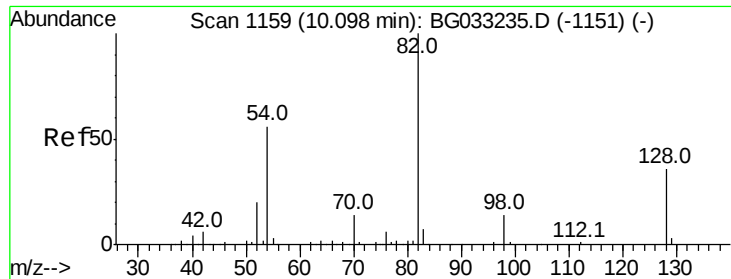
Tot Ion: 70 Resp: 31108
 Ion Ratio Lower Upper
 70 100
 42 44.0 49.1 73.7#
 101 0.0 8.5 12.7#
 130 1.8 13.4 20.0#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 11.74 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BG033600.D
 Acq: 5 Apr 2018 19:49

Tgt Ion: 136 Resp: 142133
 Ion Ratio Lower Upper
 136 100
 137 10.6 9.2 13.8
 54 12.0 10.3 15.5
 68 5.9 4.5 6.7

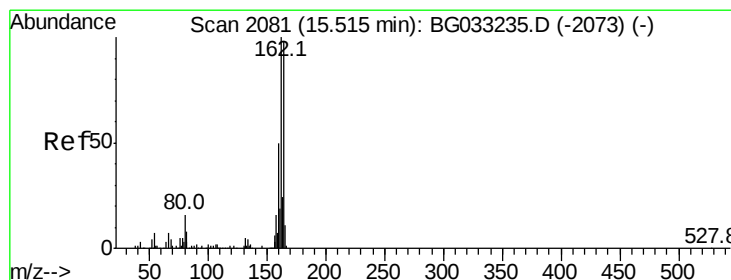
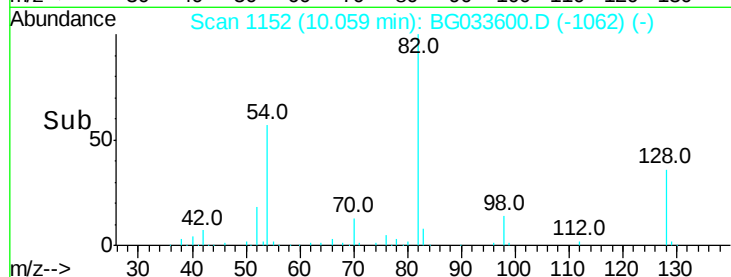
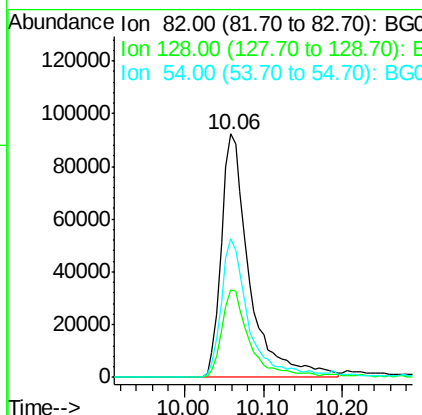
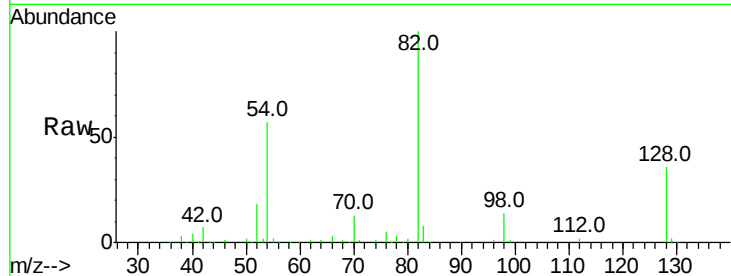




#23
 Nitrobenzene-d5
 Concen: 73.437 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BG033600.D
 Acq: 5 Apr 2018 19:49

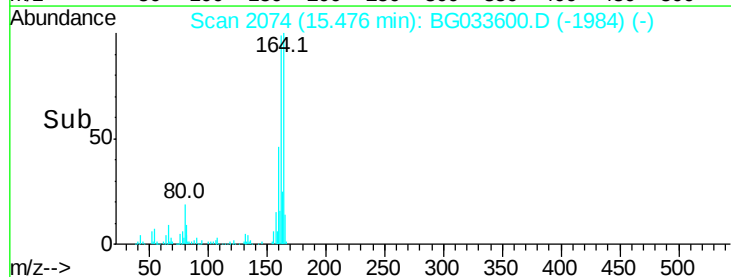
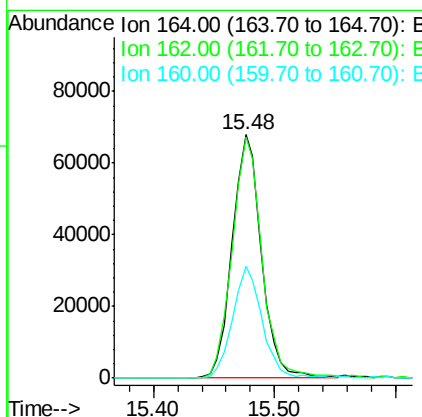
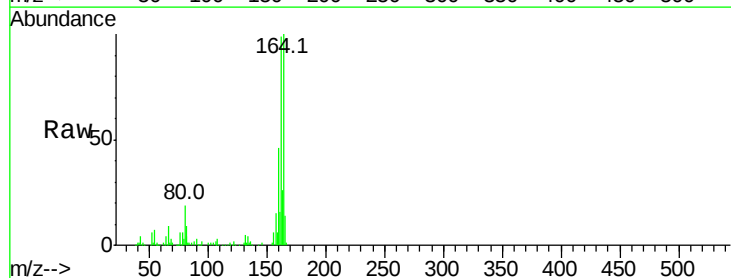
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 227186
 Ion Ratio Lower Upper
 82 100
 128 36.1 29.7 44.5
 54 56.8 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2074
 Delta R.T. -0.00 min
 Lab File: BG033600.D
 Acq: 5 Apr 2018 19:49

Tgt Ion:164 Resp: 114391
 Ion Ratio Lower Upper
 164 100
 162 99.0 78.8 118.2
 160 46.0 35.4 53.0

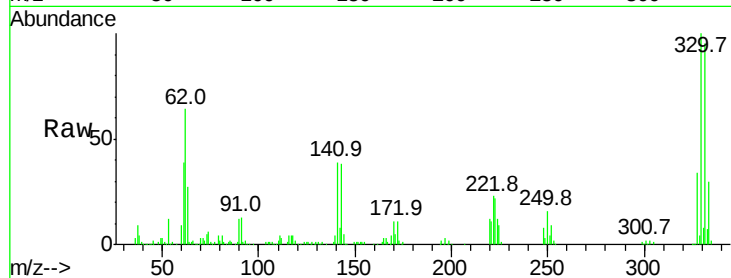




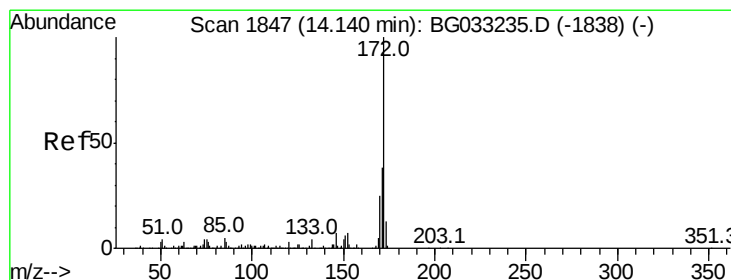
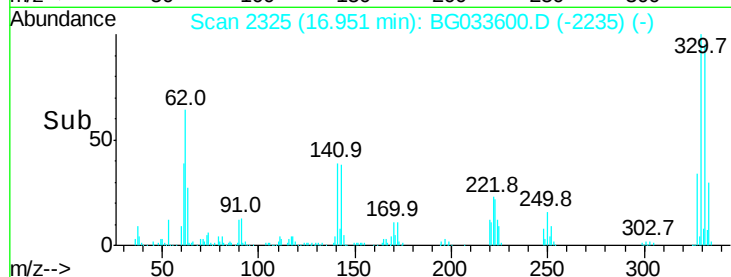
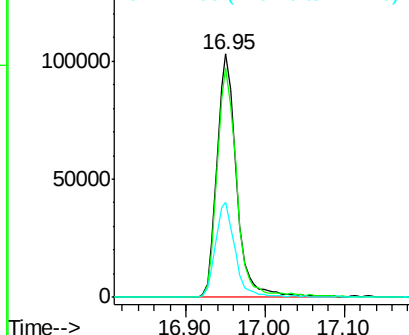
#41
 2,4,6-Tribromophenol
 Concen: 103.552 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: BG033600.D
 Acq: 5 Apr 2018 19:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 177162
 Ion Ratio Lower Upper
 330 100
 332 93.7 77.0 115.6
 141 38.5 25.2 37.8#

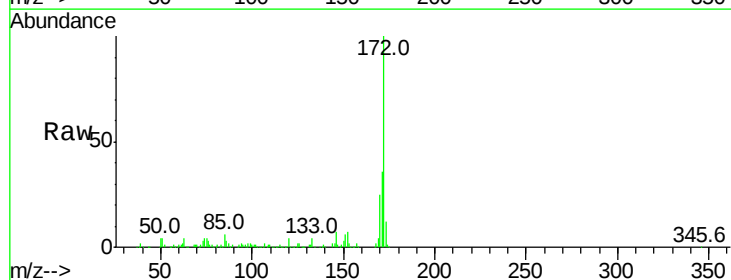


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

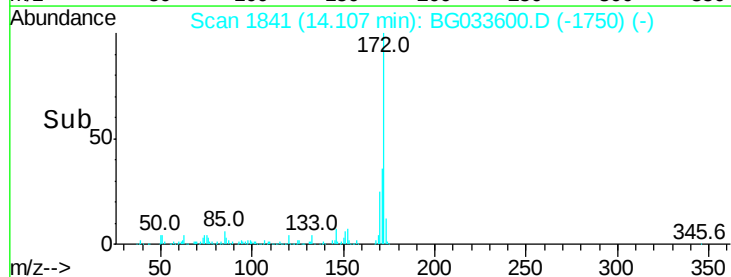
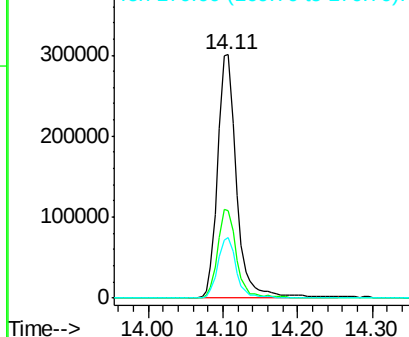


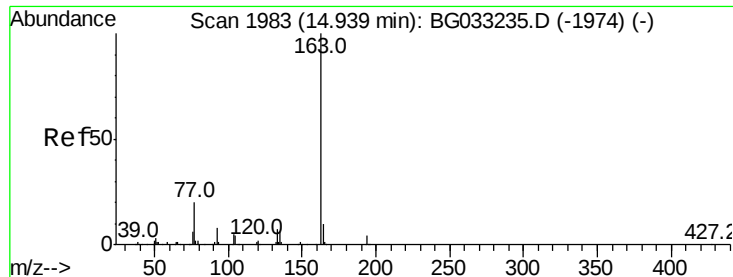
#44
 2-Fluorobiphenyl
 Concen: 67.368 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BG033600.D
 Acq: 5 Apr 2018 19:49

Tgt Ion:172 Resp: 533808
 Ion Ratio Lower Upper
 172 100
 171 36.1 30.0 45.0
 170 25.0 19.5 29.3



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: 4.854 ng

RT: 14.89 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG033600.D

Acq: 5 Apr 2018 19:49

Instrument :

BNA_G

ClientSampleId :

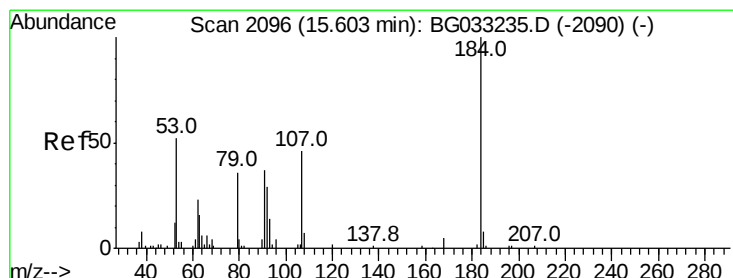
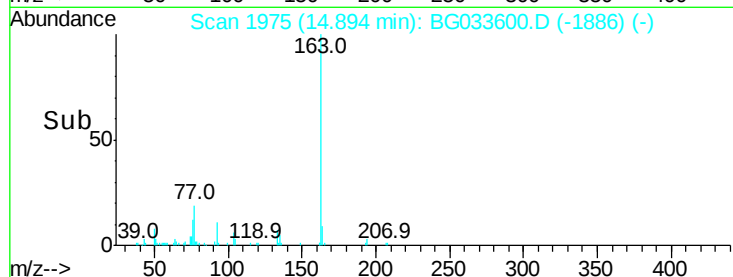
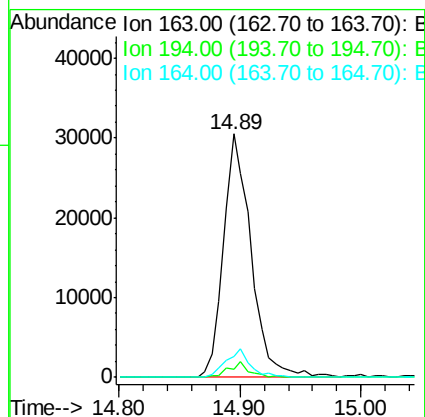
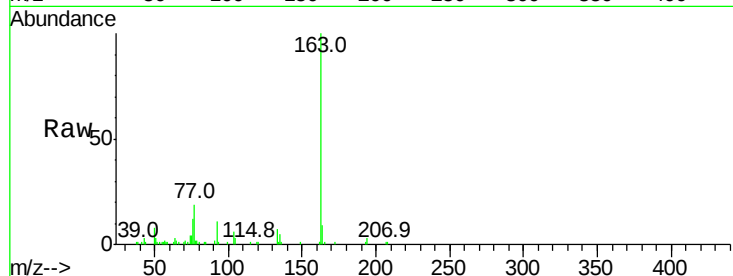
Tot Ion:163 Resp: 48322

Ion Ratio Lower Upper

163 100

194 3.4 3.4 5.2#

164 8.5 8.2 12.4



#53

2,4-Dinitrophenol

Concen: 7.700 ng

RT: 15.71 min Scan# 2113

Delta R.T. 0.13 min

Lab File: BG033600.D

Acq: 5 Apr 2018 19:49

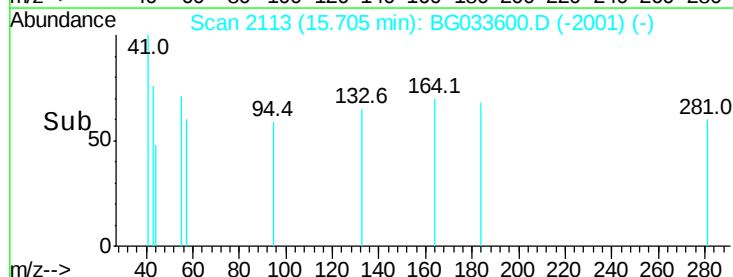
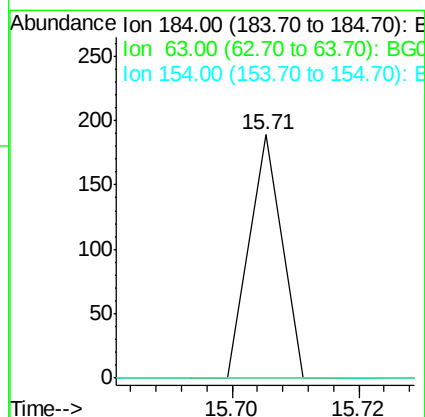
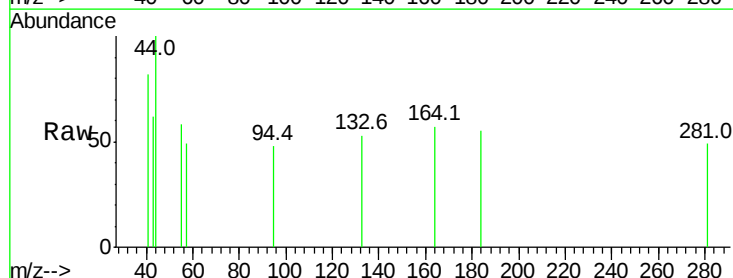
Tgt Ion:184 Resp: 67

Ion Ratio Lower Upper

184 100

63 0.0 59.8 89.8#

154 0.0 101.8 152.8#





#56

2,4-Dinitrotoluene

Concen: 4.931 ng

RT: 15.48 min Scan# 2074

Delta R.T. -0.34 min

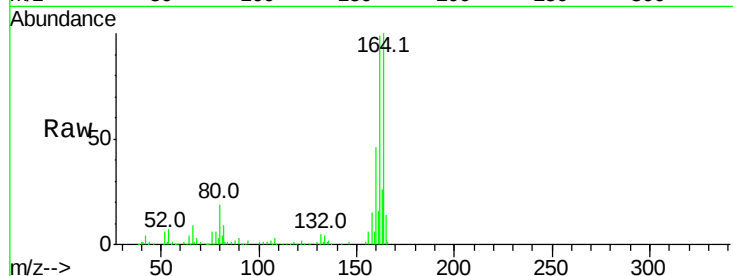
Lab File: BG033600.D

Acq: 5 Apr 2018 19:49

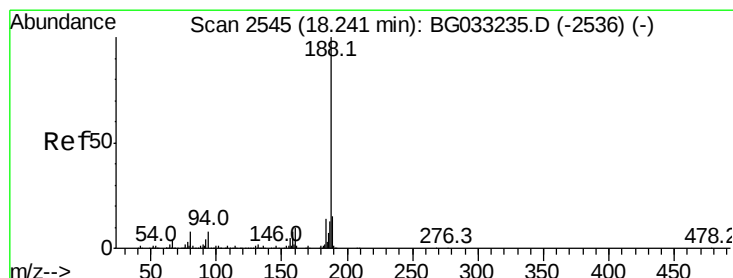
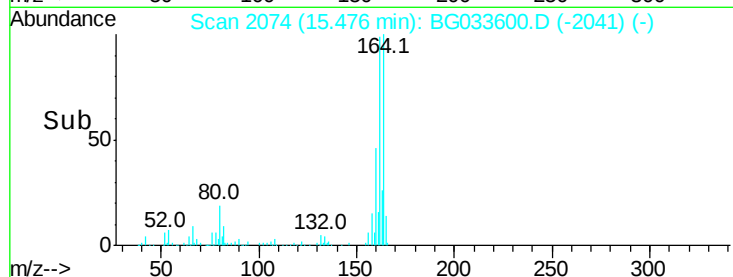
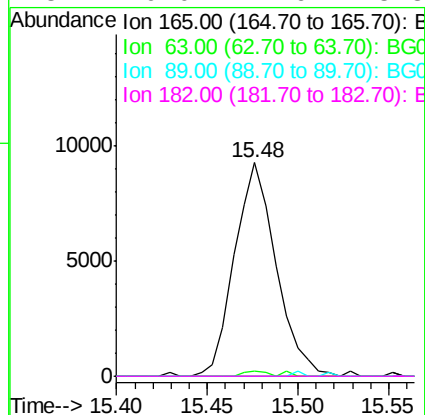
Instrument :

BNA_G

ClientSampled :



Tot Ion:	165	Resp:	14779
Ion	Ratio	Lower	Upper
165	100		
63	2.5	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

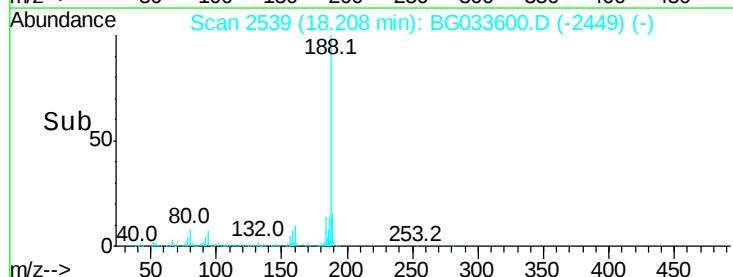
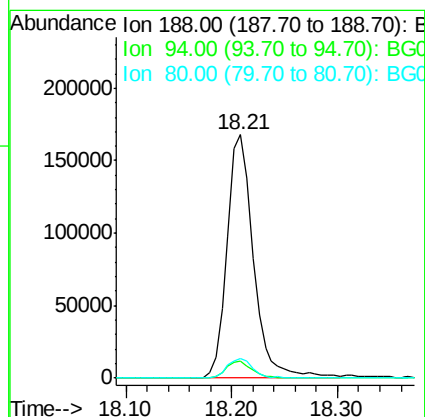
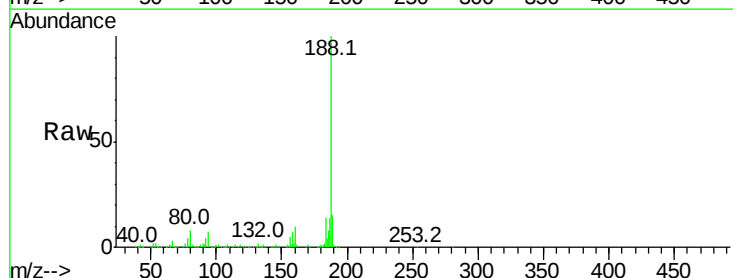
RT: 18.21 min Scan# 2539

Delta R.T. -0.00 min

Lab File: BG033600.D

Acq: 5 Apr 2018 19:49

Tgt Ion:	188	Resp:	291607
Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.9	10.3
80	8.2	7.7	11.5

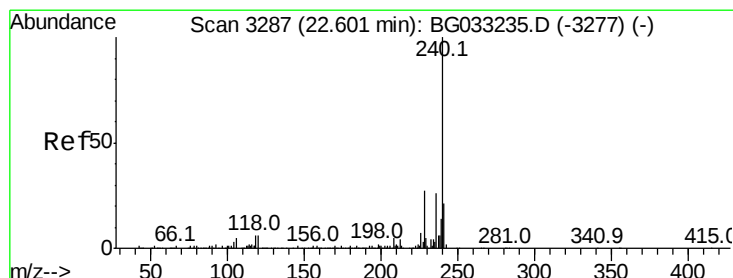
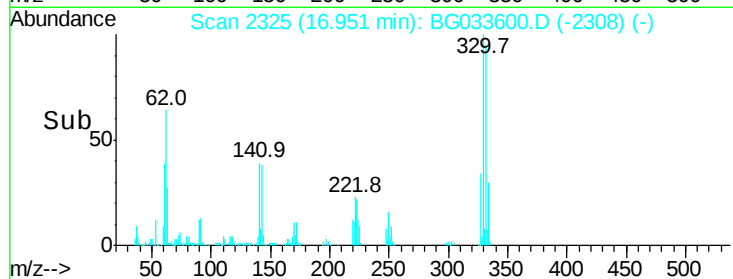
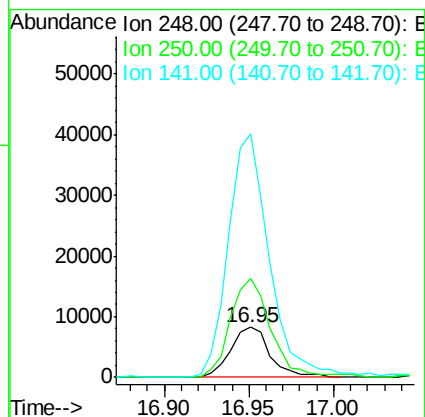
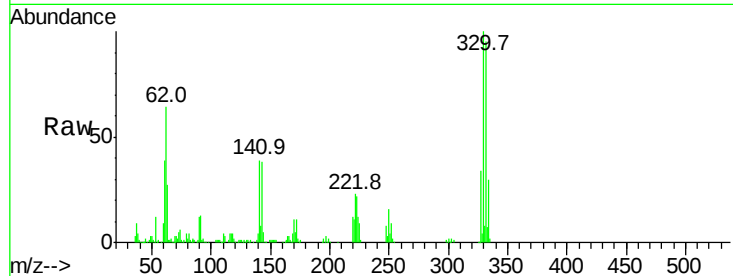




#66
4-Bromophenyl-phenylether
Concen: 3.887 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.43 min
Lab File: BG033600.D
Acq: 5 Apr 2018 19:49

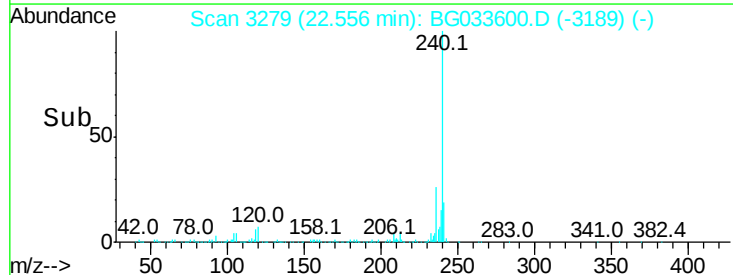
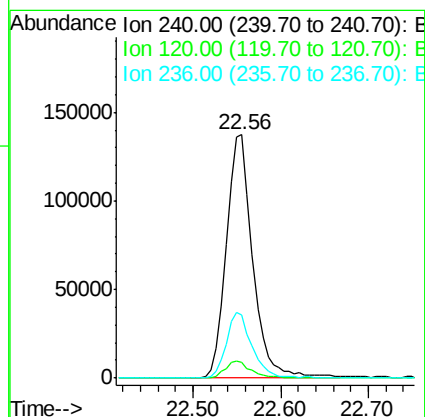
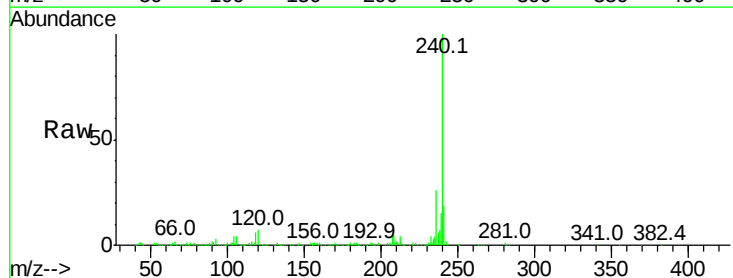
Instrument :
BNA_G
ClientSampleId :

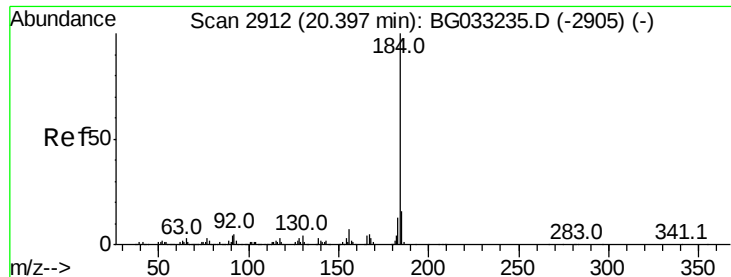
Tot Ion:248 Resp: 13312
Ion Ratio Lower Upper
248 100
250 198.6 77.1 115.7#
141 487.0 50.8 76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3279
Delta R.T. -0.00 min
Lab File: BG033600.D
Acq: 5 Apr 2018 19:49

Tgt Ion:240 Resp: 285279
Ion Ratio Lower Upper
240 100
120 6.5 6.8 10.2#
236 26.1 20.9 31.3





#76

Benzidine

Concen: 2.051 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.36 min

Lab File: BG033600.D

Acq: 5 Apr 2018 19:49

Instrument :

BNA_G

ClientSampleId :

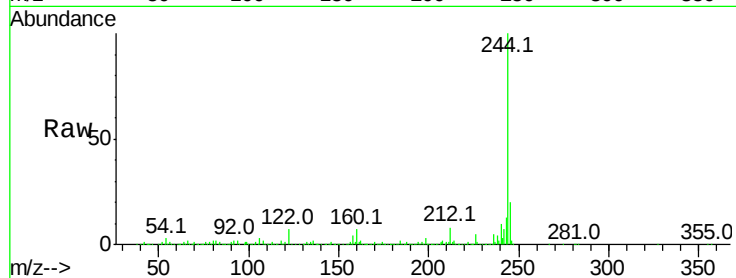
Tot Ion:184 Resp: 15865

Ion Ratio Lower Upper

184 100

185 18.5 11.1 16.7#

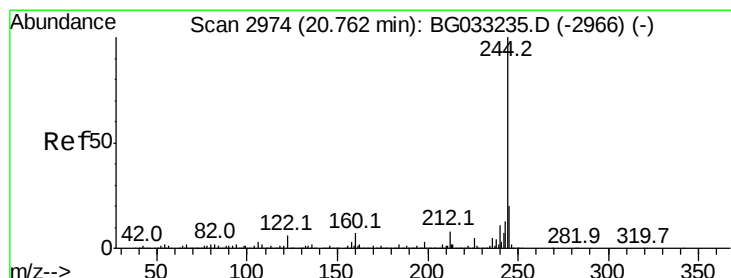
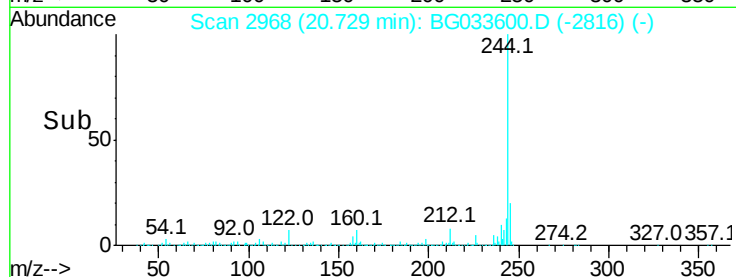
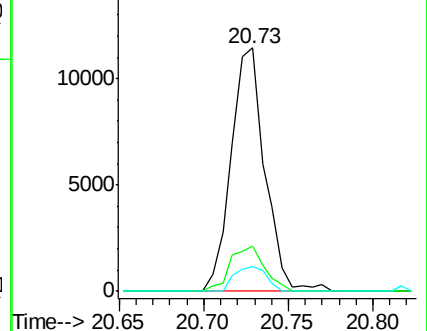
183 10.2 10.6 16.0#



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: 68.470 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BG033600.D

Acq: 5 Apr 2018 19:49

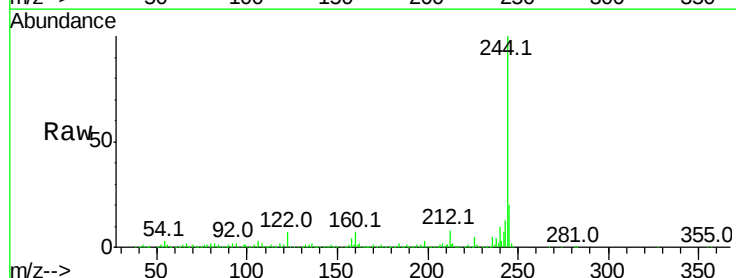
Tgt Ion:244 Resp: 913349

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

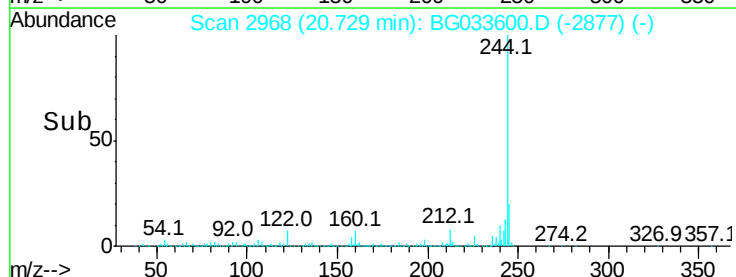
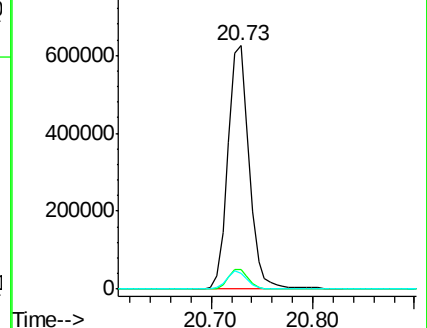
122 6.6 7.0 10.4#

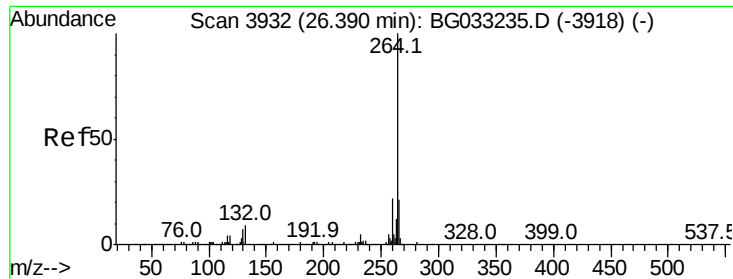


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.31 min Scan# 3918
Delta R.T. -0.01 min
Lab File: BG033600.D
Acq: 5 Apr 2018 19:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	19.7	17.7	26.5

