

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040618\
 Data File : BG033656.D
 Acq On : 7 Apr 2018 8:40
 Operator : SJ/JU
 Sample : J2225-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 09 02:00:03 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

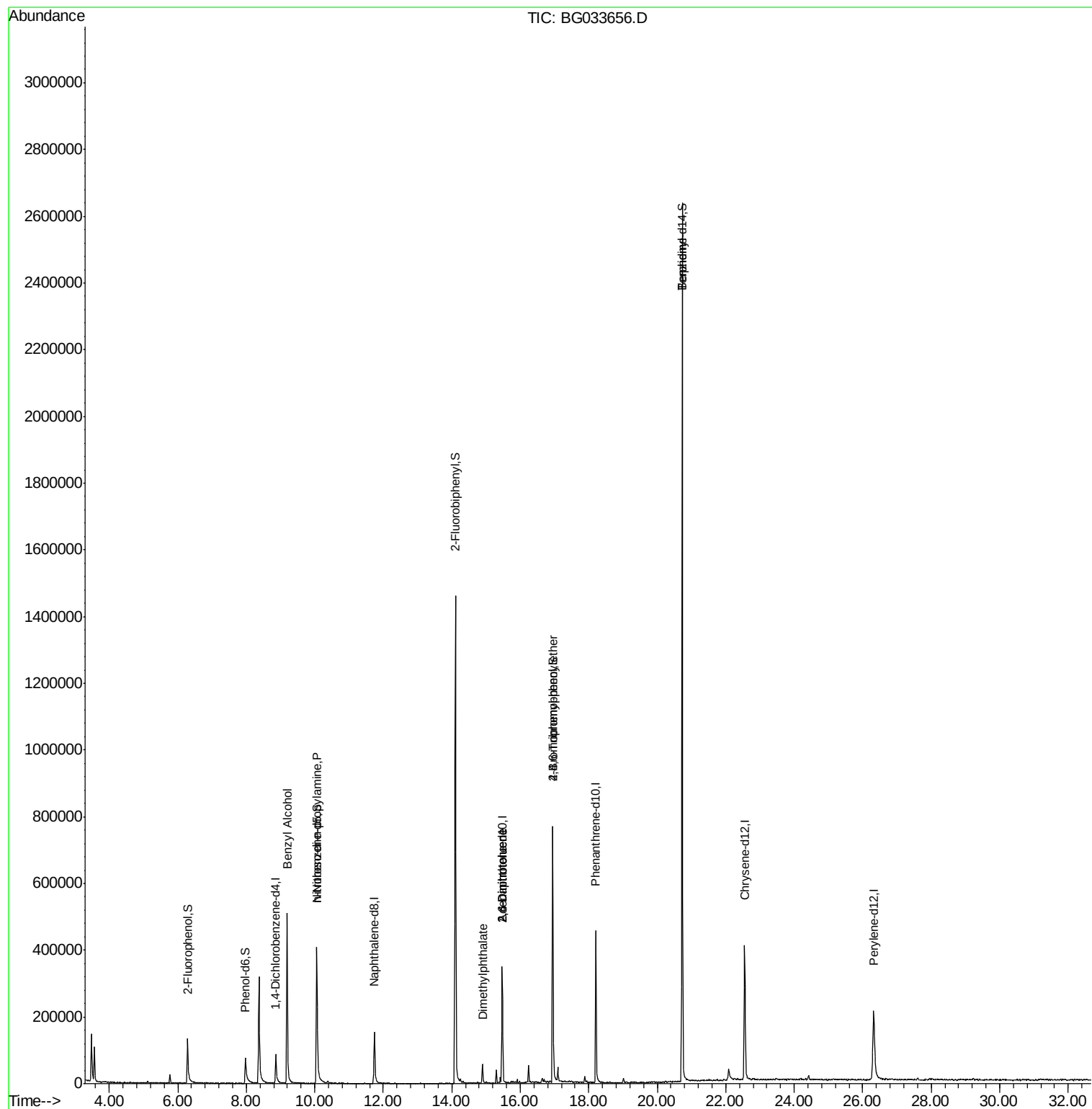
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	33102	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	158145	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	129313	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	318672	20.00	ng	0.00
75) Chrysene-d12	22.55	240	316423	20.00	ng	0.00
86) Perylene-d12	26.31	264	320159	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	74469	42.18	ng	0.00
7) Phenol-d6	7.97	99	69552	22.93	ng	0.00
23) Nitrobenzene-d5	10.06	82	321129	93.29	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	150675	77.91	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	840188	93.80	ng	0.00
78) Terphenyl-d14	20.73	244	1346081	90.98	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	5219	2.185	ng	# 29
19) n-Nitroso-di-n-propylamine	10.06	70	43867	19.737	ng	# 86
49) Dimethylphthalate	14.89	163	38971	3.463	ng	# 98
50) 2,6-Dinitrotoluene	15.48	165	16717	7.265	ng	# 22
56) 2,4-Dinitrotoluene	15.48	165	16717	4.934	ng	# 20
66) 4-Bromophenyl-phenylether	16.95	248	12468	3.331	ng	# 1
76) Benizidine	20.73	184	23800	2.774	ng	# 89

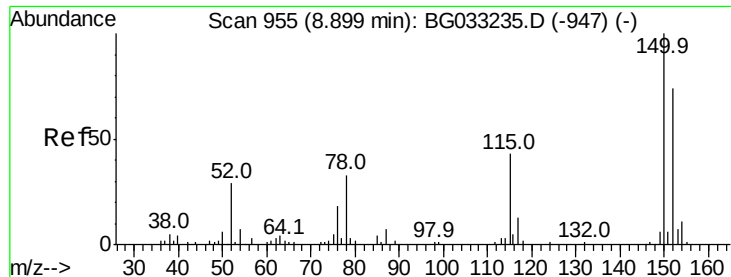
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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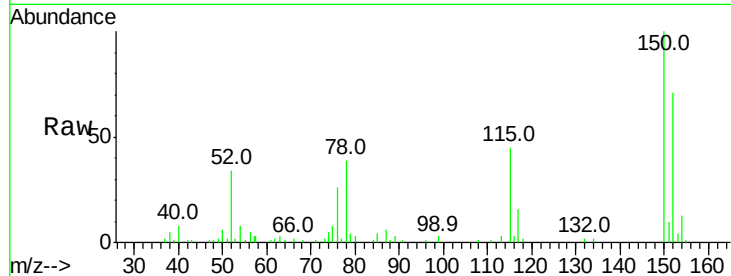


#1

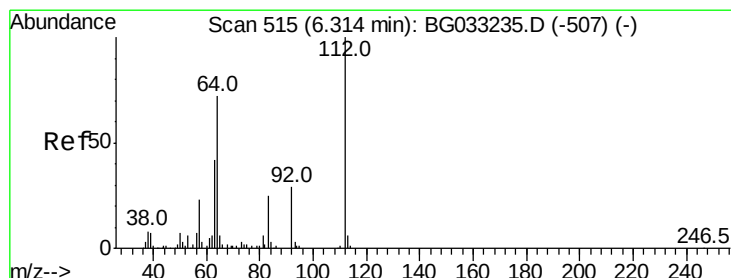
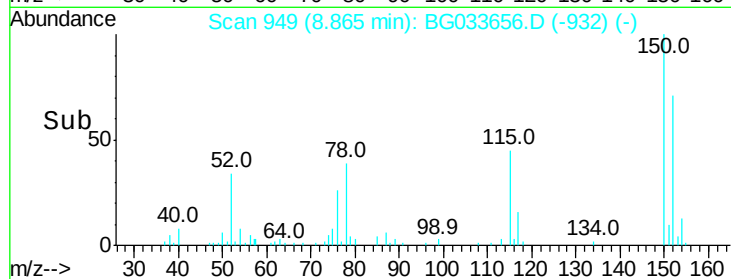
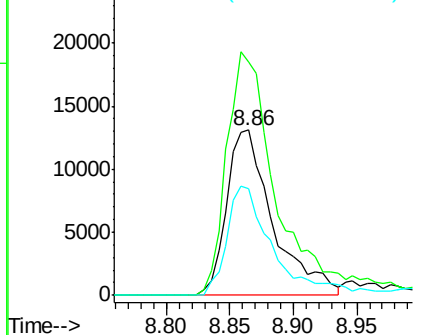
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. 0.00 min
Lab File: BG033656.D
Acq: 7 Apr 2018 8:40

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 33102
Ion Ratio Lower Upper
152 100
150 141.6 126.6 189.8
115 64.3 53.0 79.4



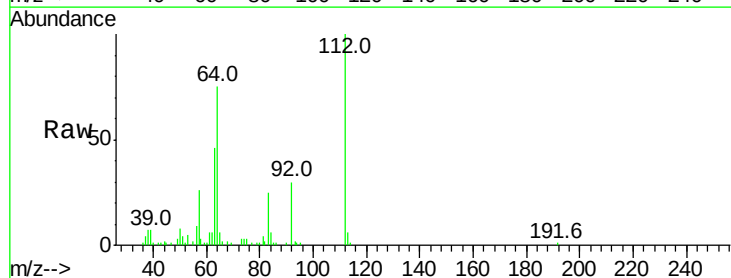
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



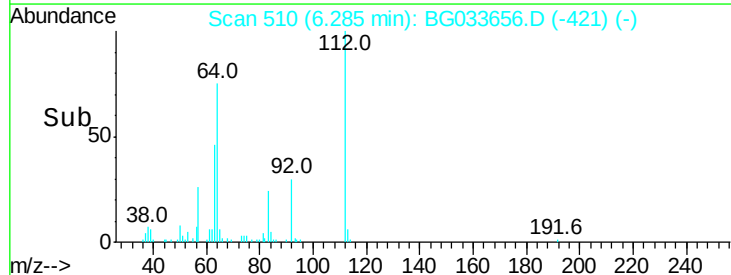
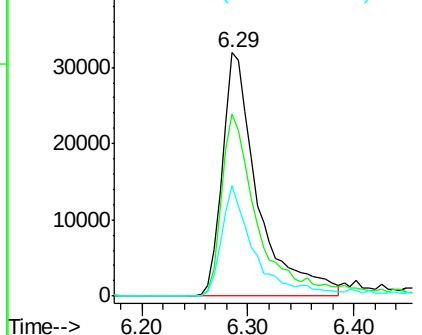
#5

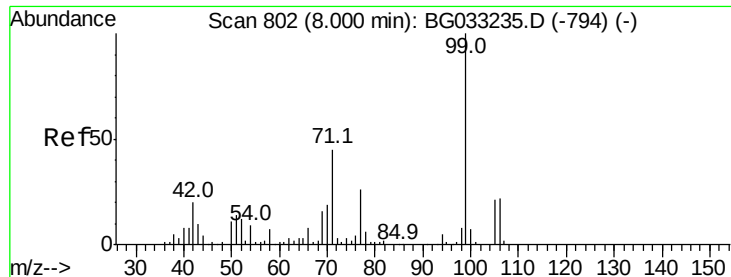
2-Fluorophenol
Concen: 42.184 ng
RT: 6.29 min Scan# 510
Delta R.T. -0.00 min
Lab File: BG033656.D
Acq: 7 Apr 2018 8:40

Tgt Ion:112 Resp: 74469
Ion Ratio Lower Upper
112 100
64 74.7 56.3 84.5
63 45.6 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: 22.930 ng

RT: 7.97 min Scan# 797

Delta R.T. 0.00 min

Lab File: BG033656.D

Acq: 7 Apr 2018 8:40

Instrument :

BNA_G

ClientSampleId :

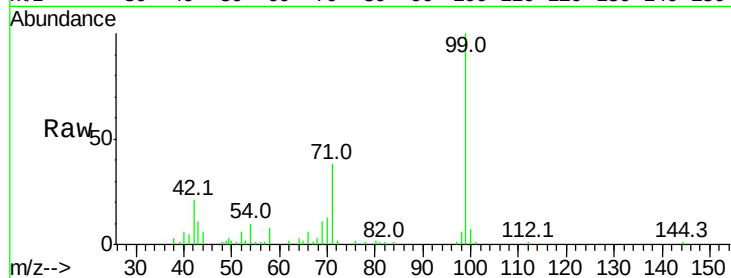
Tot Ion: 99 Resp: 69552

Ion Ratio Lower Upper

99 100

42 20.6 14.1 21.1

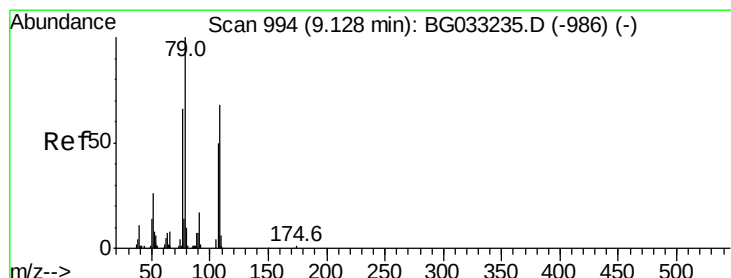
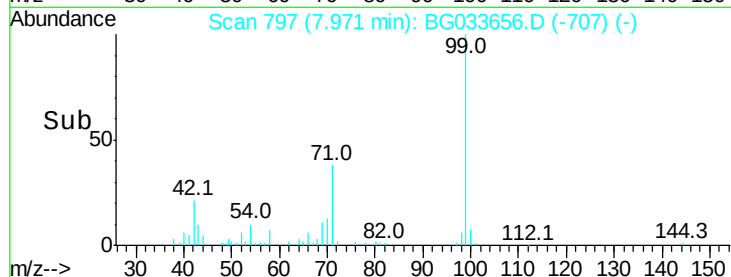
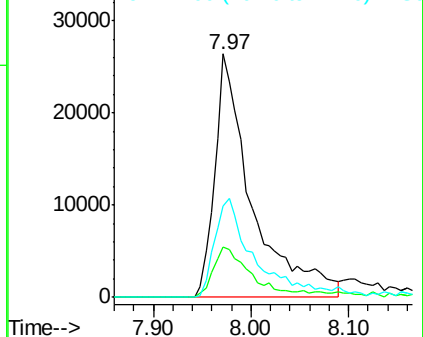
71 37.5 26.1 39.1



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: 2.185 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.09 min

Lab File: BG033656.D

Acq: 7 Apr 2018 8:40

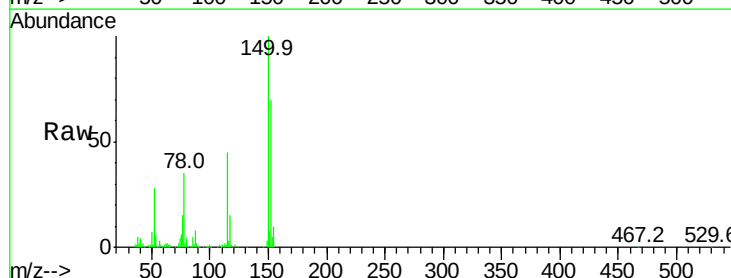
Tgt Ion: 79 Resp: 5219

Ion Ratio Lower Upper

79 100

108 24.9 57.2 85.8#

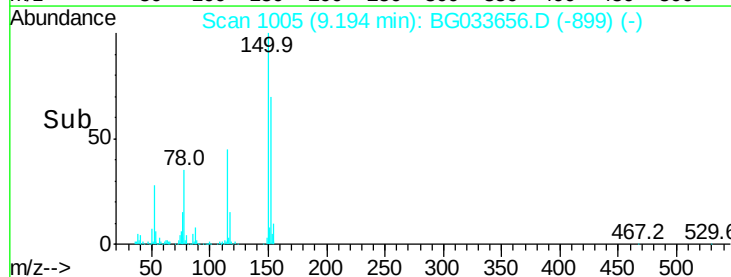
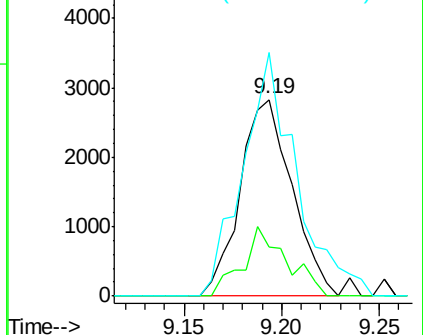
77 123.7 46.1 69.1#

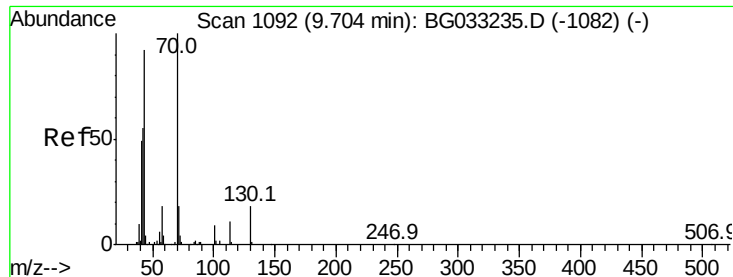


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

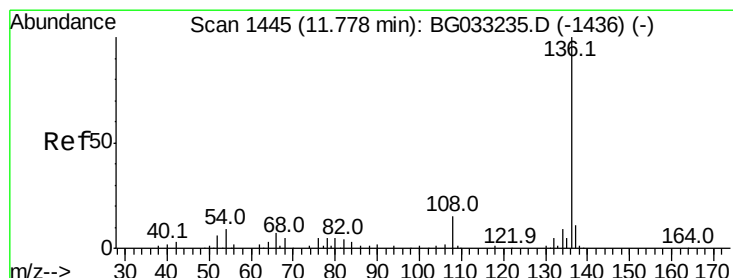
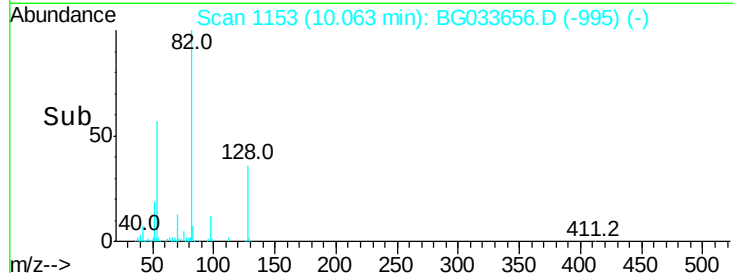
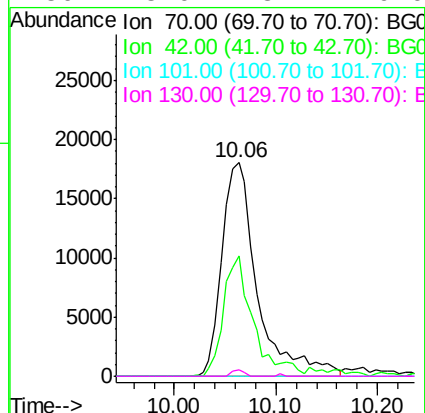
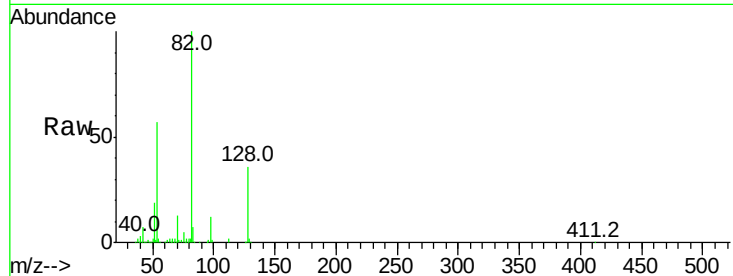




#19
n-Nitroso-di-n-propylamine
Concen: 19.737 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.40 min
Lab File: BG033656.D
Acq: 7 Apr 2018 8:40

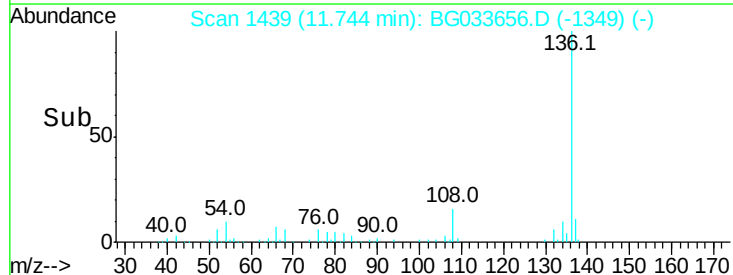
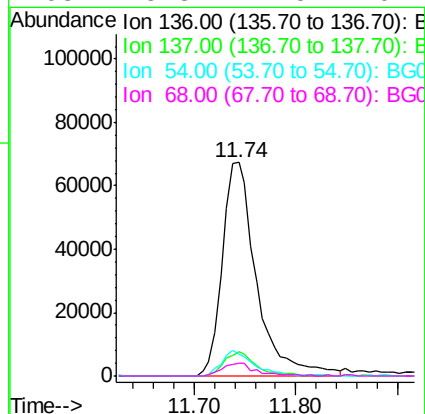
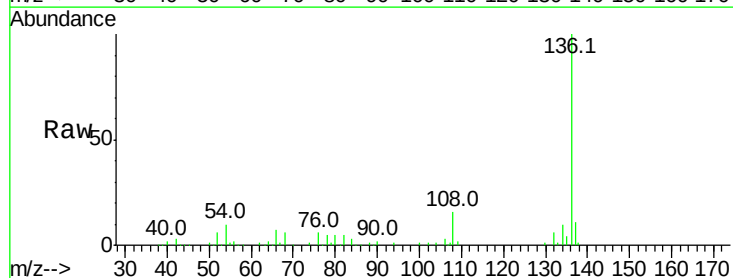
Instrument :
BNA_G
ClientSampleId :

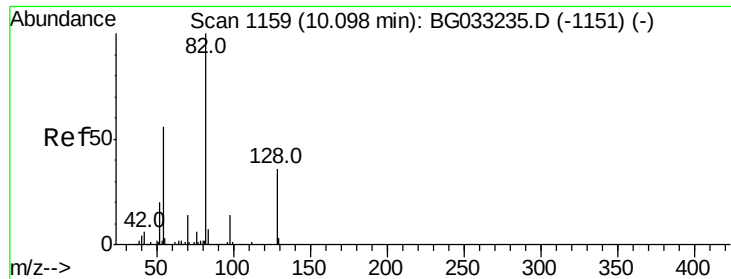
Tot Ion:	70	Resp:	43867
Ion	Ratio	Lower	Upper
70	100		
42	56.3	49.1	73.7
101	0.0	8.5	12.7#
130	3.0	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BG033656.D
Acq: 7 Apr 2018 8:40

Tgt Ion:	136	Resp:	158145
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	10.4	10.3	15.5
68	5.8	4.5	6.7

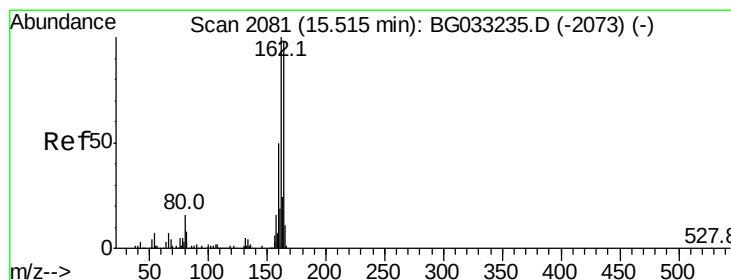
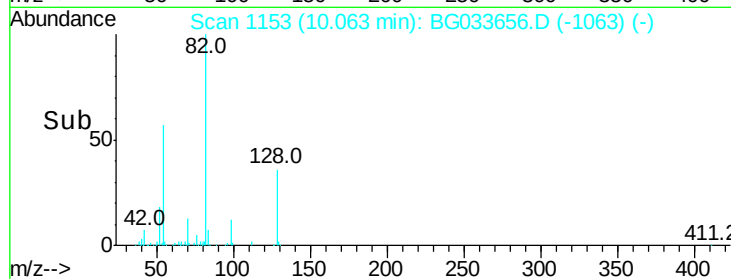
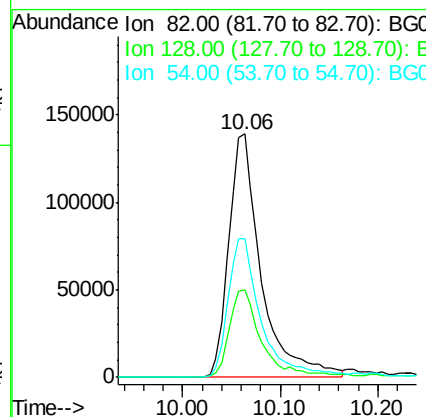
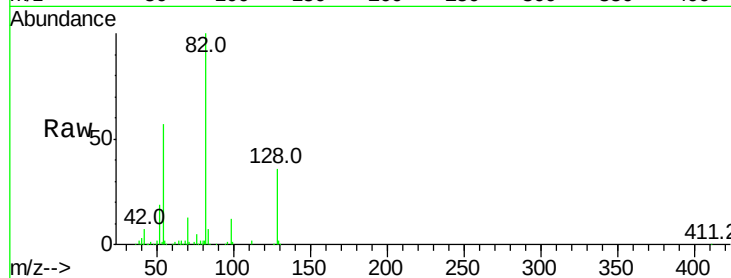




#23
 Nitrobenzene-d5
 Concen: 93.294 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BG033656.D
 Acq: 7 Apr 2018 8:40

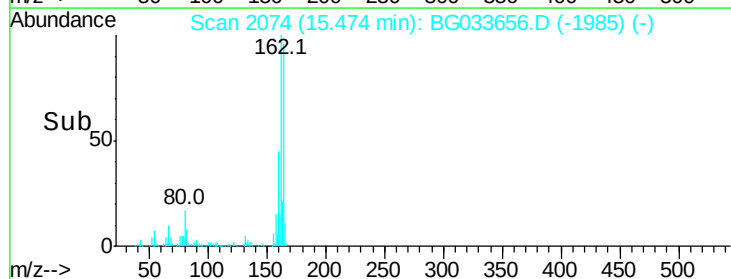
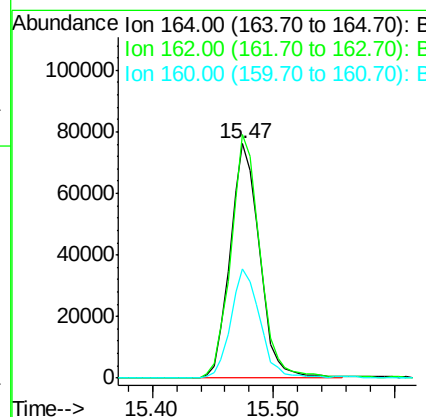
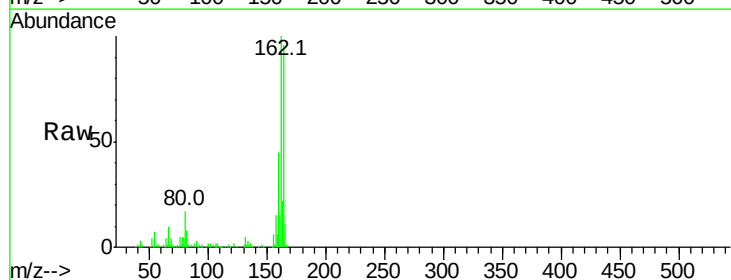
Instrument :
 BNA_G
 ClientSampleId :

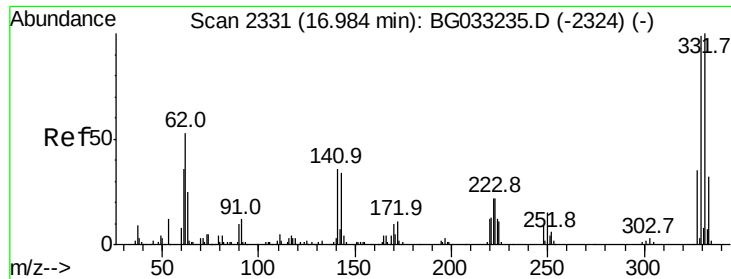
Tot Ion	82	Resp	321129
Ion	Ratio	Lower	Upper
82	100		
128	35.9	29.7	44.5
54	56.9	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. -0.00 min
 Lab File: BG033656.D
 Acq: 7 Apr 2018 8:40

Tgt Ion	164	Resp	129313
Ion	Ratio	Lower	Upper
164	100		
162	103.9	78.8	118.2
160	46.5	35.4	53.0

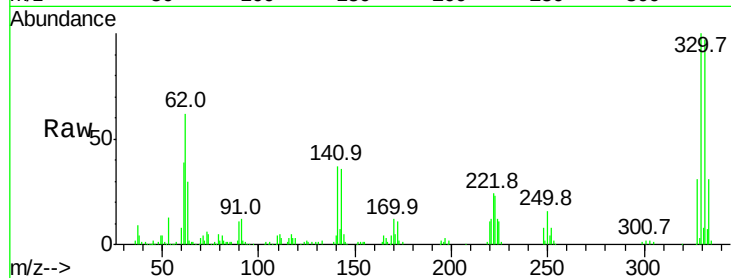




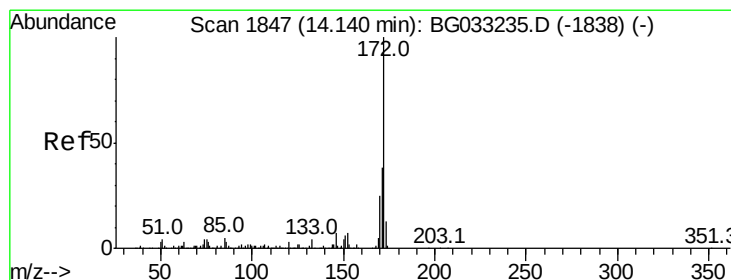
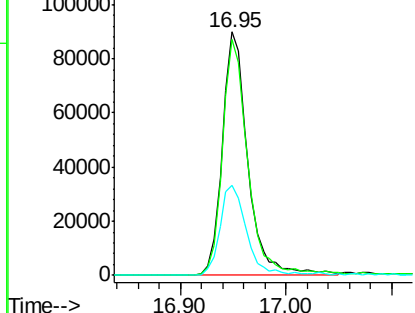
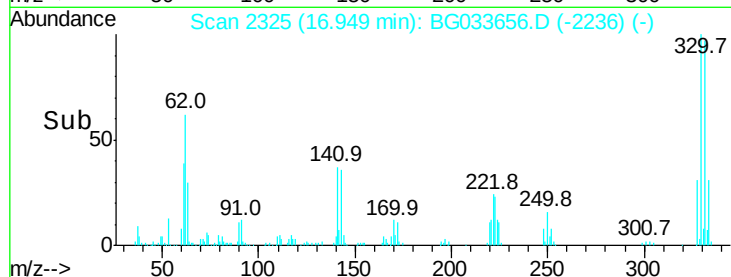
#41
 2,4,6-Tribromophenol
 Concen: 77.907 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: BG033656.D
 Acq: 7 Apr 2018 8:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 150675
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 38.7 25.2 37.8#

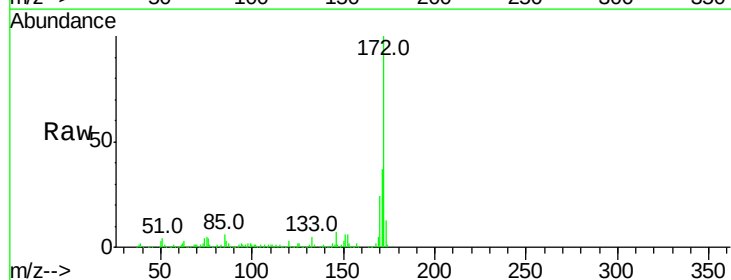


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

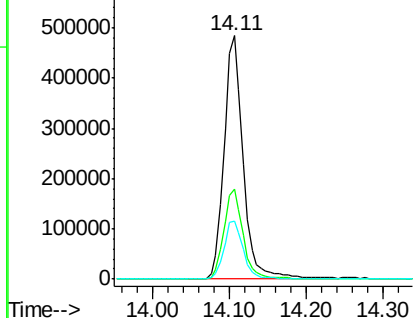
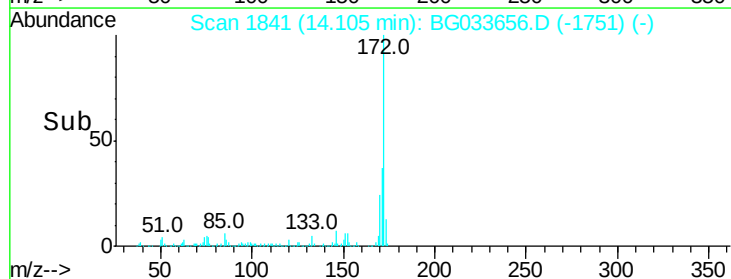


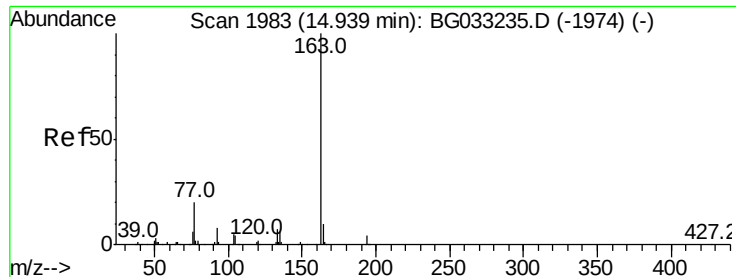
#44
 2-Fluorobiphenyl
 Concen: 93.798 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BG033656.D
 Acq: 7 Apr 2018 8:40

Tgt Ion:172 Resp: 840188
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.0 45.0
 170 23.6 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

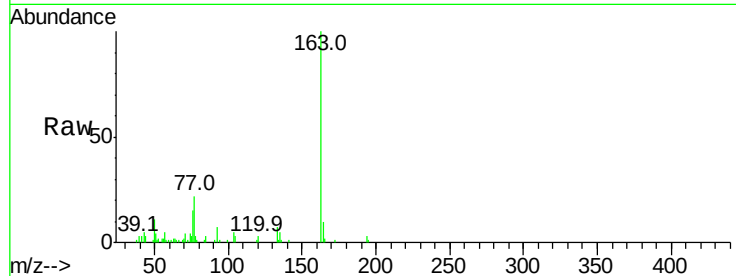




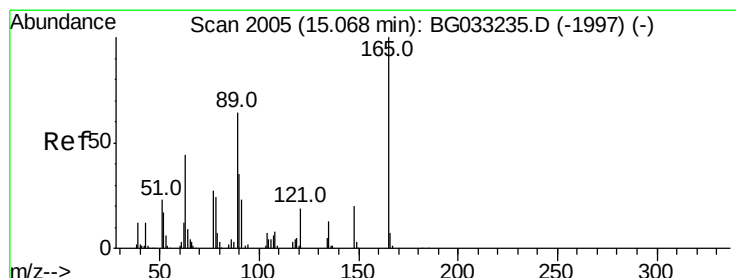
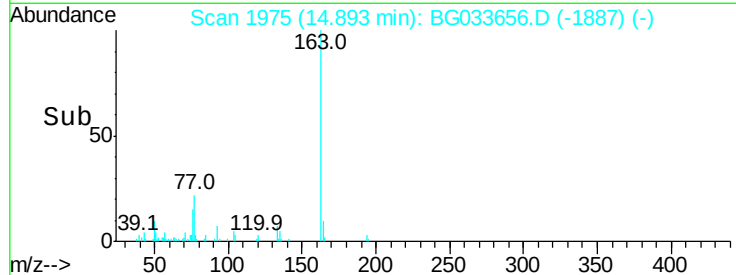
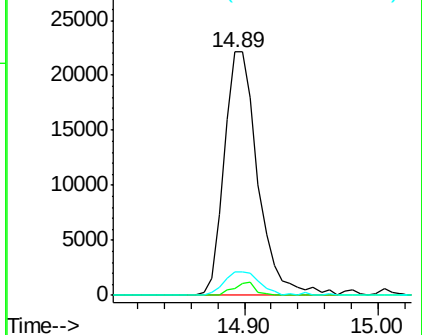
#49
Dimethylphthalate
Concen: 3.463 ng
RT: 14.89 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG033656.D
Acq: 7 Apr 2018 8:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:163 Resp: 38971
Ion Ratio Lower Upper
163 100
194 2.9 3.4 5.2#
164 9.7 8.2 12.4

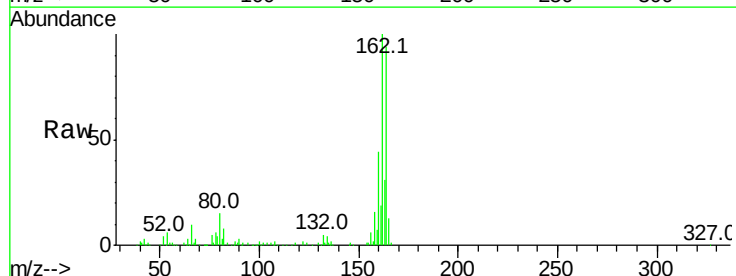


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

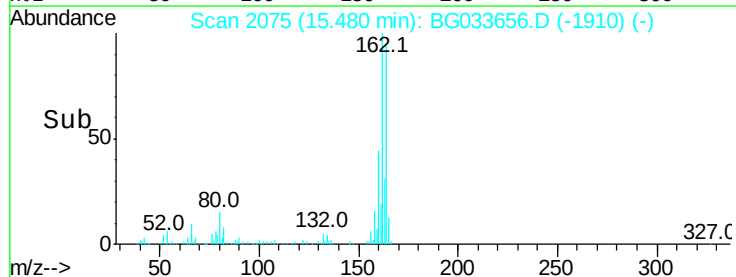
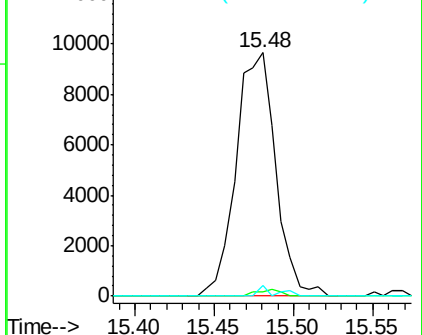


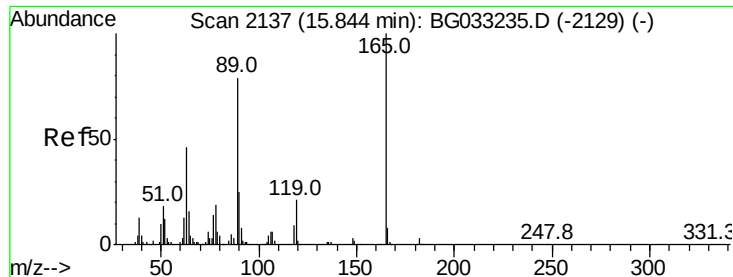
#50
2,6-Dinitrotoluene
Concen: 7.265 ng
RT: 15.48 min Scan# 2075
Delta R.T. 0.44 min
Lab File: BG033656.D
Acq: 7 Apr 2018 8:40

Tgt Ion:165 Resp: 16717
Ion Ratio Lower Upper
165 100
63 1.6 52.7 79.1#
89 4.5 49.2 73.8#



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

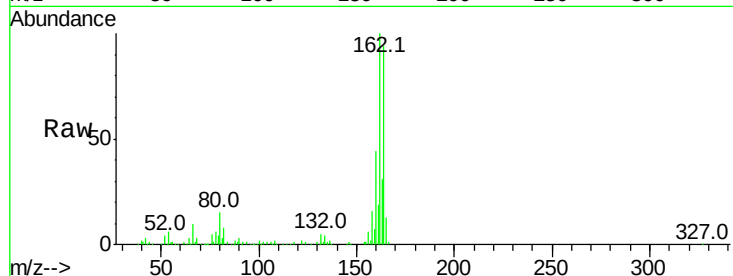




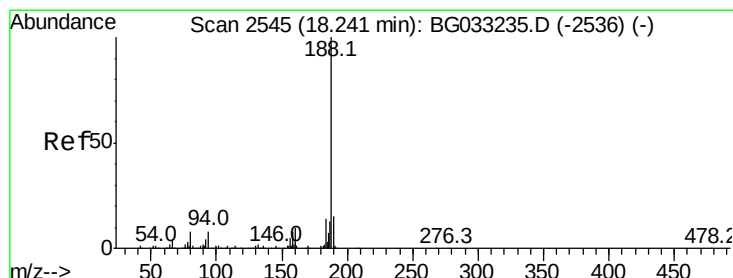
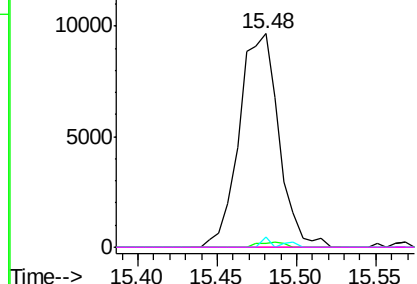
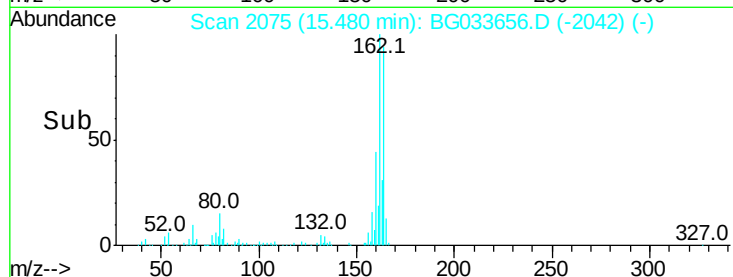
#56
 2,4-Dinitrotoluene
 Concen: 4.934 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.33 min
 Lab File: BG033656.D
 Acq: 7 Apr 2018 8:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 16717
 Ion Ratio Lower Upper
 165 100
 63 1.6 42.0 63.0#
 89 4.5 66.9 100.3#
 182 0.0 2.6 3.8#

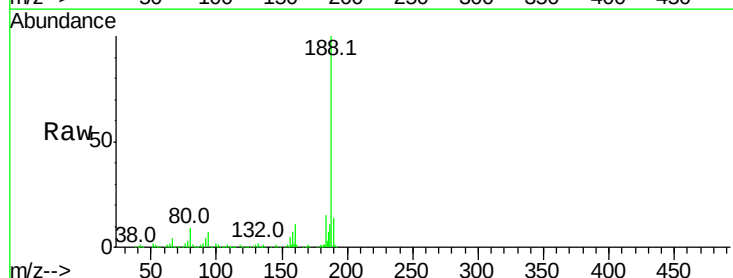


Abundance Ion 165.00 (164.70 to 165.70): E
 15000
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

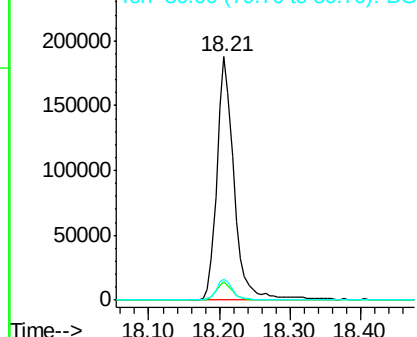
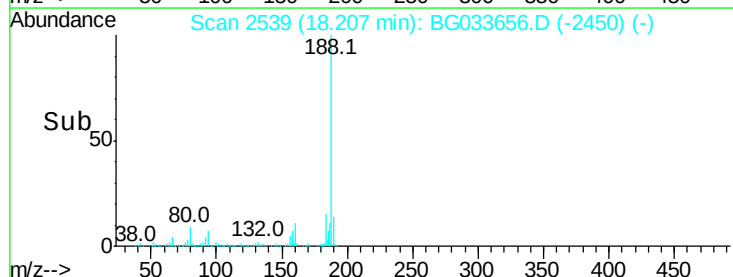


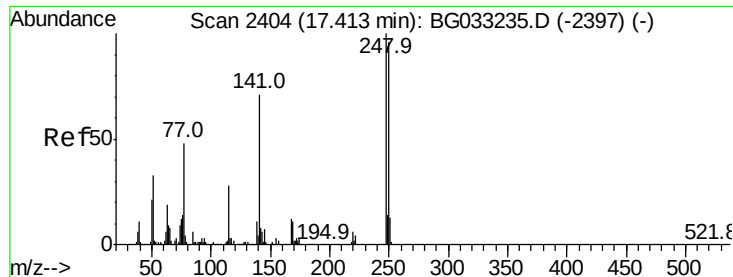
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2539
 Delta R.T. -0.00 min
 Lab File: BG033656.D
 Acq: 7 Apr 2018 8:40

Tgt Ion:188 Resp: 318672
 Ion Ratio Lower Upper
 188 100
 94 7.4 6.9 10.3
 80 8.6 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E
 250000
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

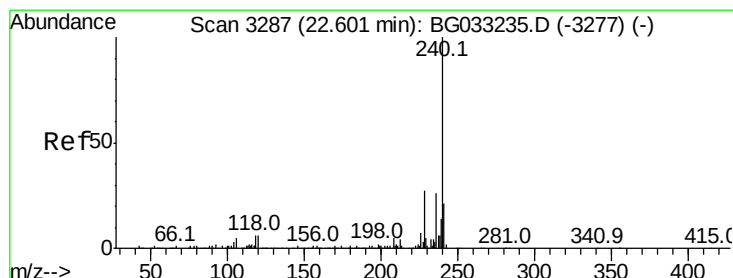
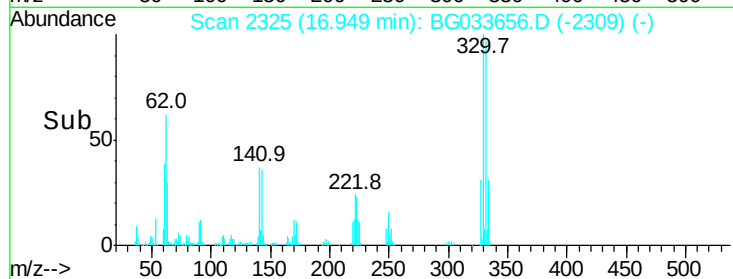
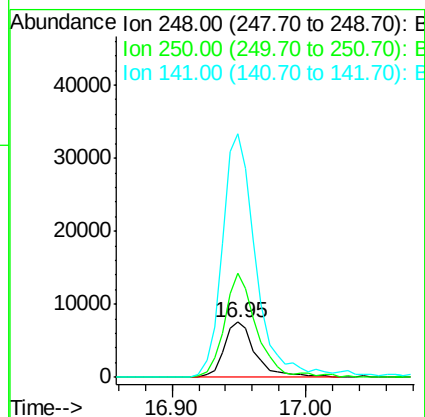
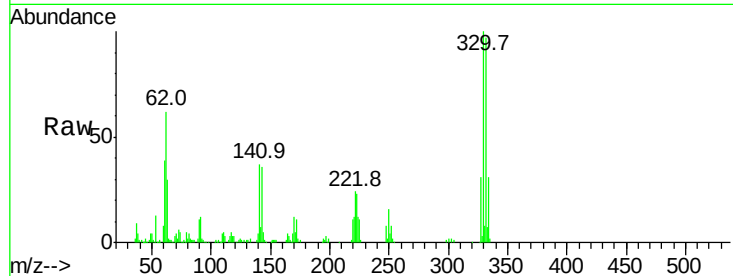




#66
4-Bromophenyl-phenylether
Concen: 3.331 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.43 min
Lab File: BG033656.D
Acq: 7 Apr 2018 8:40

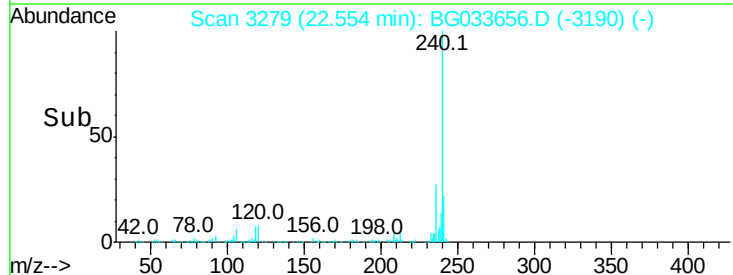
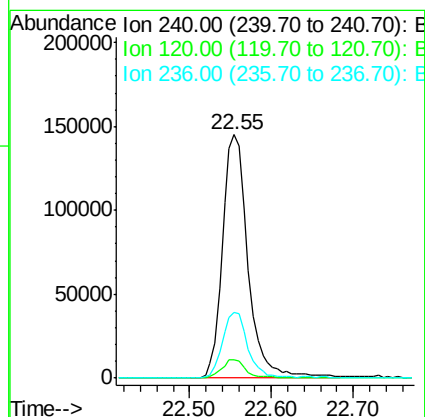
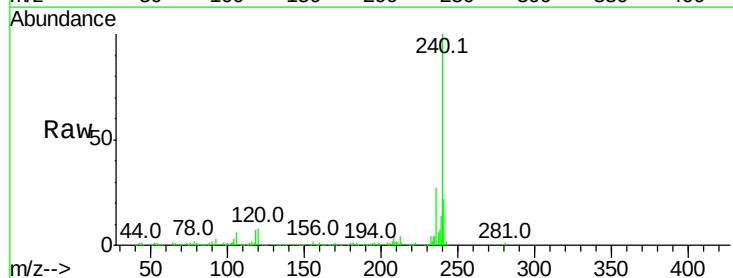
Instrument :
BNA_G
ClientSampleId :

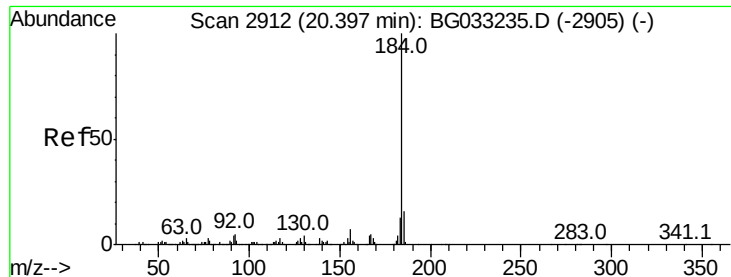
Tot Ion:248 Resp: 12468
Ion Ratio Lower Upper
248 100
250 187.2 77.1 115.7#
141 440.3 50.8 76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.00 min
Lab File: BG033656.D
Acq: 7 Apr 2018 8:40

Tgt Ion:240 Resp: 316423
Ion Ratio Lower Upper
240 100
120 7.5 6.8 10.2
236 26.8 20.9 31.3





#76

Benzidine

Concen: 2.774 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.36 min

Lab File: BG033656.D

Acq: 7 Apr 2018 8:40

Instrument :

BNA_G

ClientSampleId :

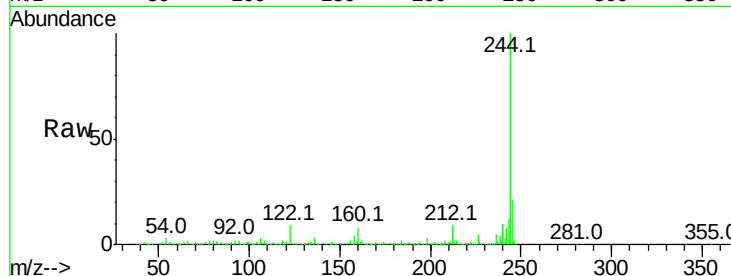
Tot Ion:184 Resp: 23800

Ion Ratio Lower Upper

184 100

185 17.3 11.1 16.7#

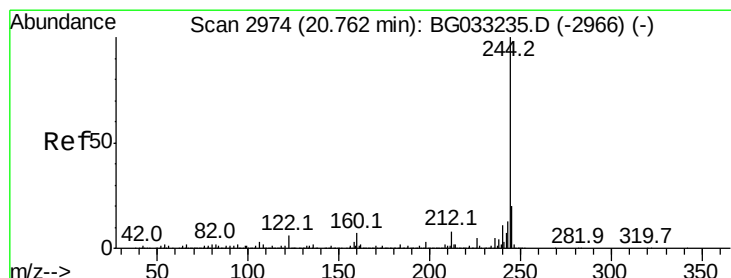
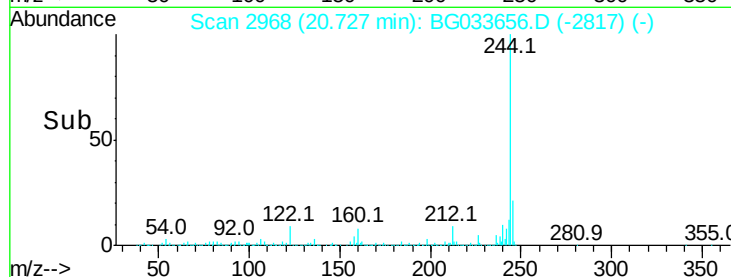
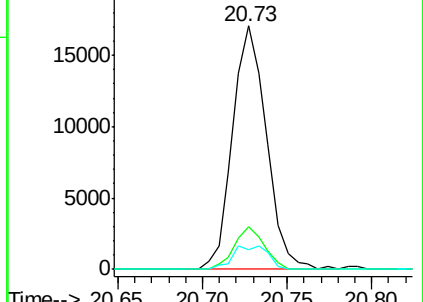
183 8.0 10.6 16.0#



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: 90.977 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BG033656.D

Acq: 7 Apr 2018 8:40

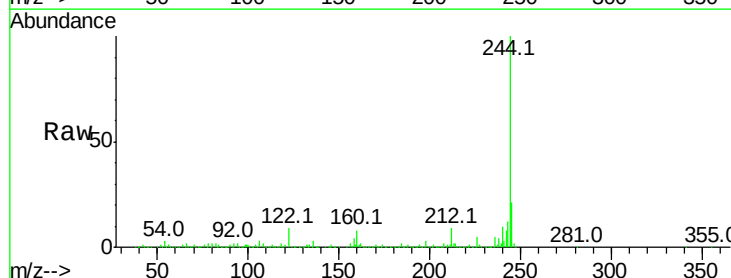
Tgt Ion:244 Resp: 1346081

Ion Ratio Lower Upper

244 100

212 9.3 5.8 8.8#

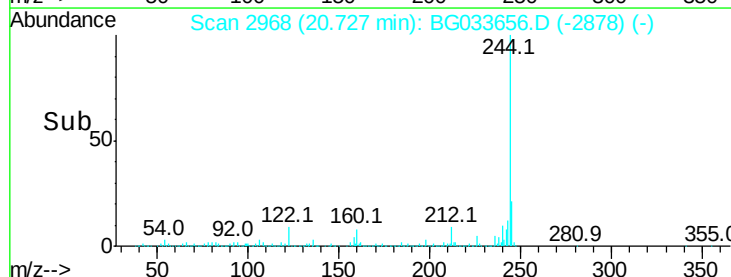
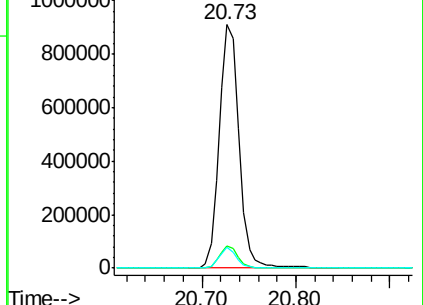
122 8.6 7.0 10.4

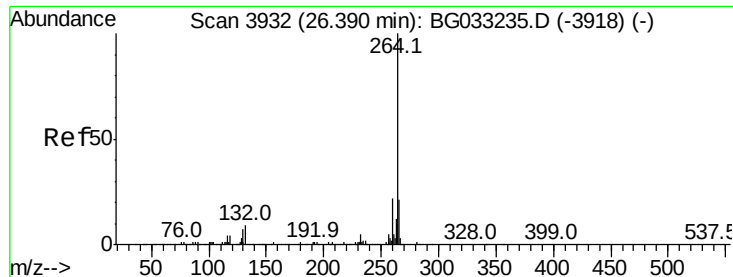


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3919
Delta R.T. -0.00 min
Lab File: BG033656.D
Acq: 7 Apr 2018 8:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.4	26.0
265	21.1	17.7	26.5

