

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040618\
 Data File : BG033670.D
 Acq On : 7 Apr 2018 19:19
 Operator : SJ/JU
 Sample : J2225-10
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 09 02:04:25 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

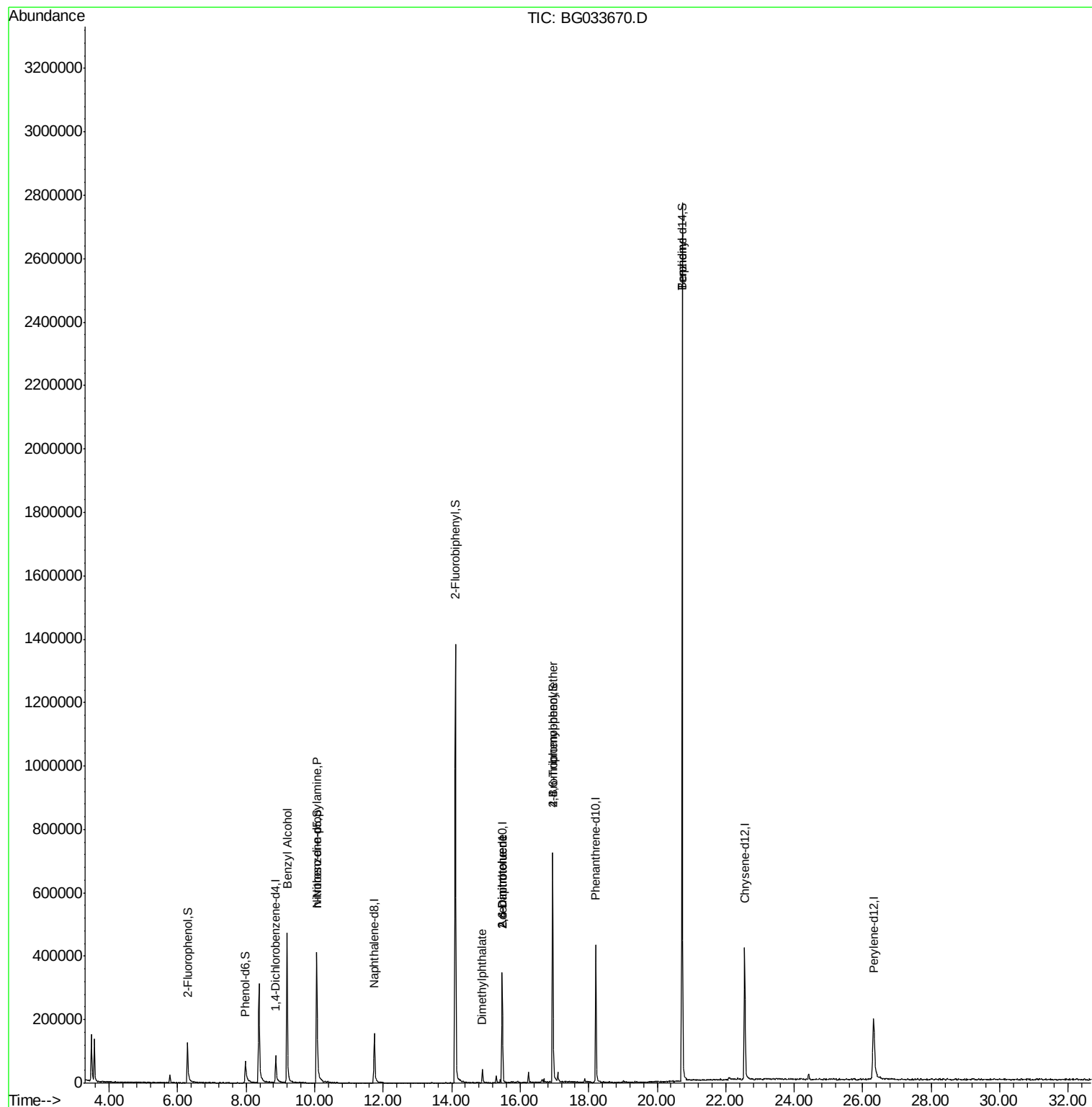
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	32973	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	158715	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	126839	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	310359	20.00	ng	0.00
75) Chrysene-d12	22.56	240	312783	20.00	ng	0.00
86) Perylene-d12	26.32	264	303201	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	71369	40.59	ng	0.00
7) Phenol-d6	7.98	99	66732	22.09	ng	0.00
23) Nitrobenzene-d5	10.06	82	327360	94.76	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	141494	74.59	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	808558	92.03	ng	0.00
78) Terphenyl-d14	20.73	244	1435769	98.17	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	5001	2.102	ng	# 44
19) n-Nitroso-di-n-propylamine	10.06	70	43416	19.610	ng	# 78
49) Dimethylphthalate	14.89	163	27694	2.509	ng	# 96
50) 2,6-Dinitrotoluene	15.47	165	15932	7.059	ng	# 18
56) 2,4-Dinitrotoluene	15.47	165	15932	4.794	ng	# 16
66) 4-Bromophenyl-phenylether	16.95	248	10166	2.789	ng	# 1
76) Benzydine	20.73	184	24108	2.842	ng	# 90

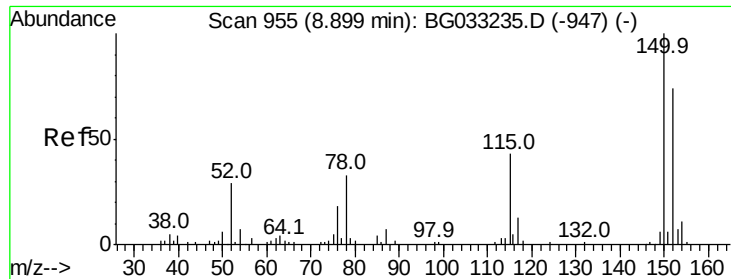
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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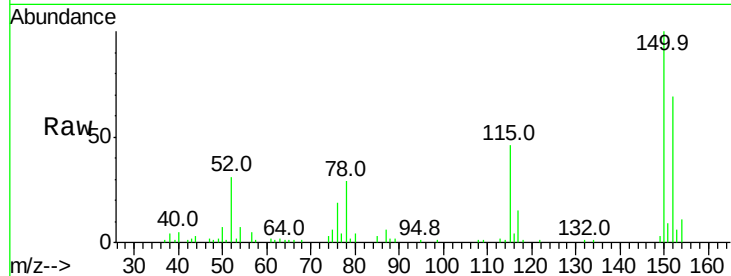


#1

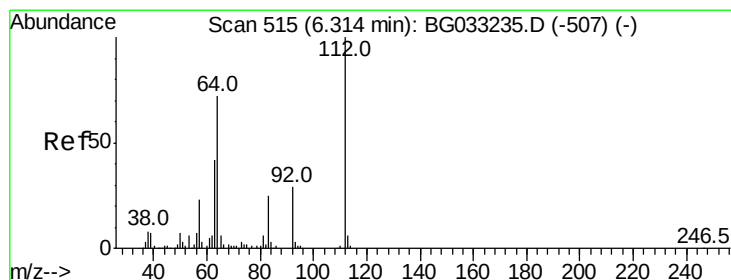
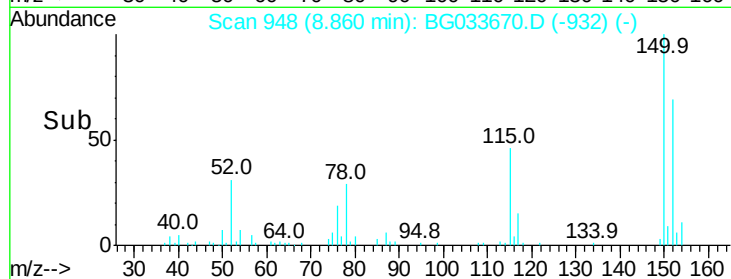
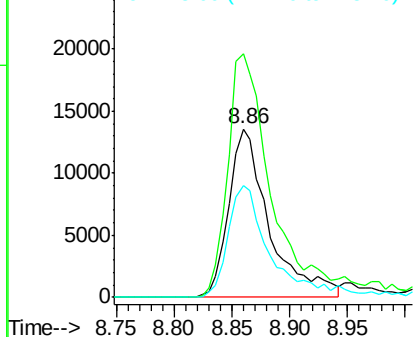
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.00 min
Lab File: BG033670.D
Acq: 7 Apr 2018 19:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 32973
Ion Ratio Lower Upper
152 100
150 144.8 126.6 189.8
115 66.4 53.0 79.4



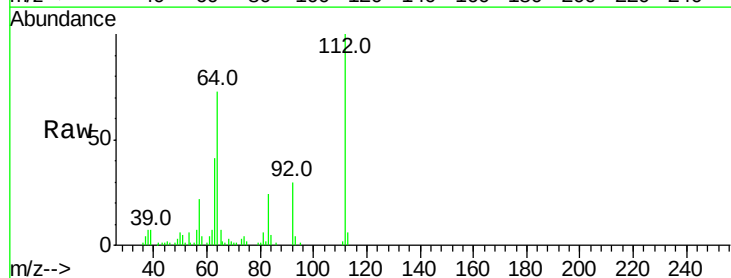
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



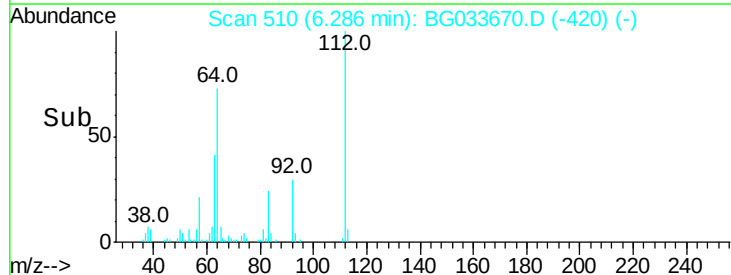
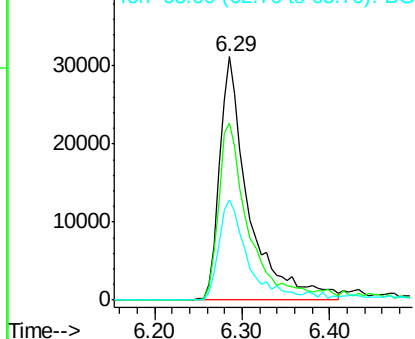
#5

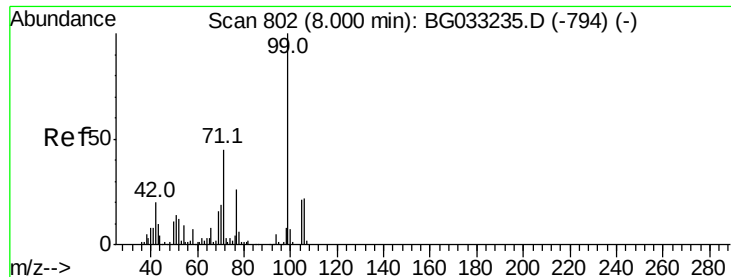
2-Fluorophenol
Concen: 40.586 ng
RT: 6.29 min Scan# 510
Delta R.T. -0.00 min
Lab File: BG033670.D
Acq: 7 Apr 2018 19:19

Tgt Ion:112 Resp: 71369
Ion Ratio Lower Upper
112 100
64 72.8 56.3 84.5
63 41.2 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: 22.087 ng

RT: 7.98 min Scan# 798

Delta R.T. 0.01 min

Lab File: BG033670.D

Acq: 7 Apr 2018 19:19

Instrument :

BNA_G

ClientSampleId :

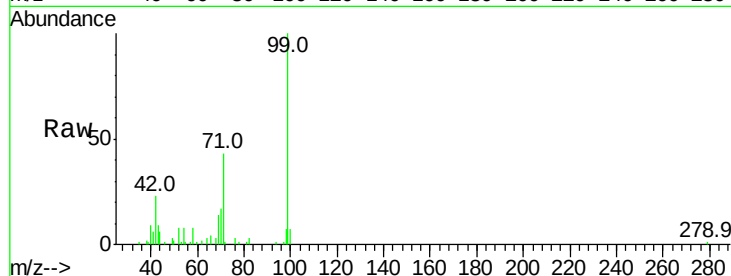
Tot Ion: 99 Resp: 66732

Ion Ratio Lower Upper

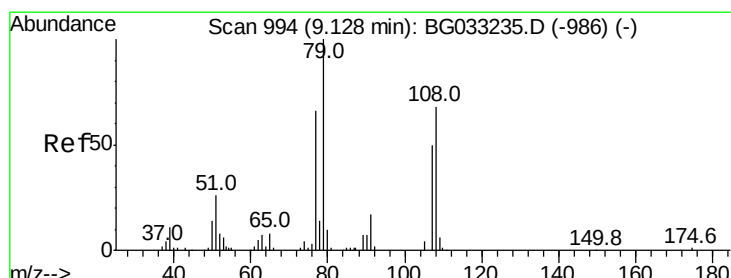
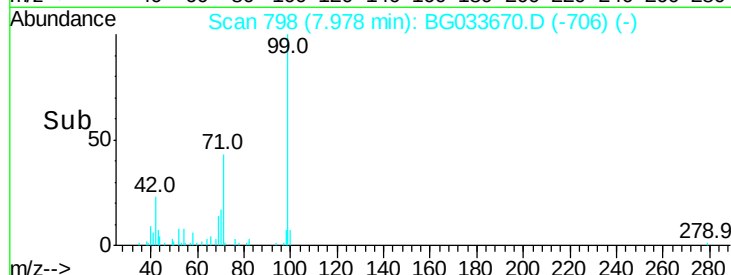
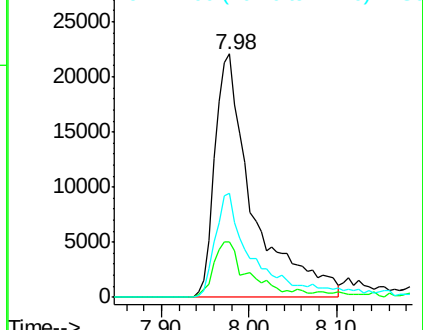
99 100

42 23.0 14.1 21.1#

71 42.7 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: 2.102 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.09 min

Lab File: BG033670.D

Acq: 7 Apr 2018 19:19

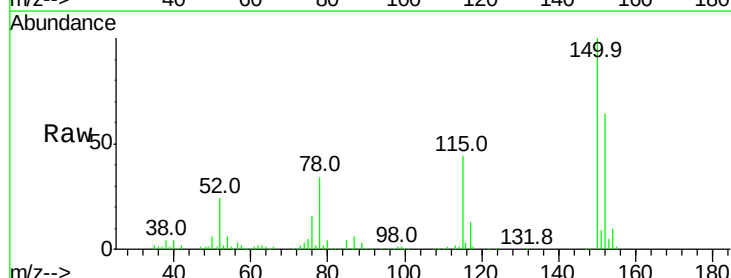
Tgt Ion: 79 Resp: 5001

Ion Ratio Lower Upper

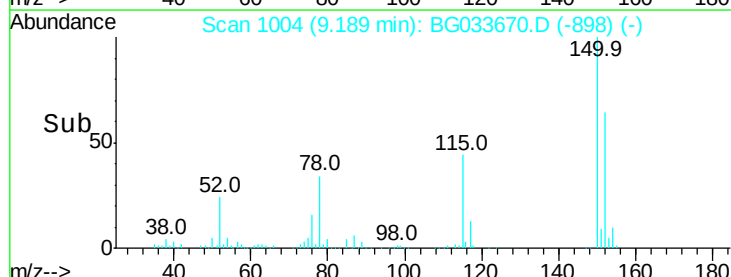
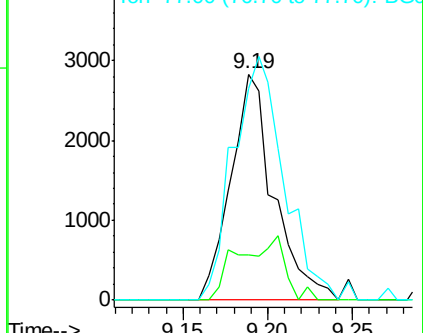
79 100

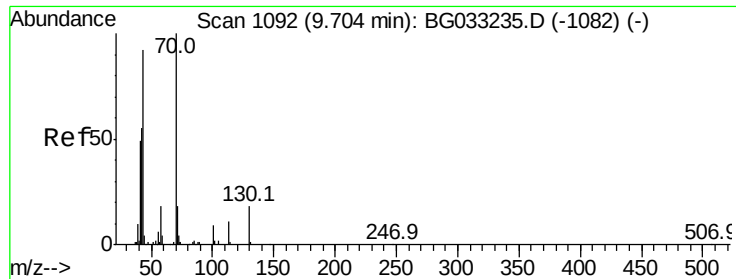
108 19.9 57.2 85.8#

77 93.7 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

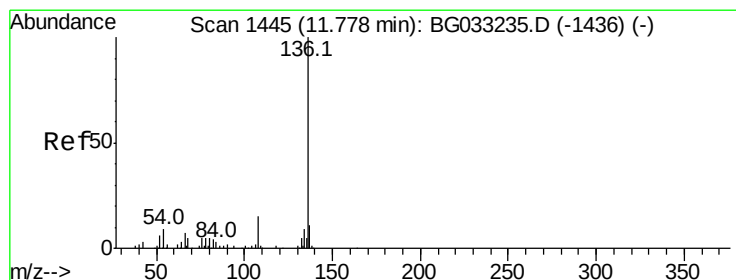
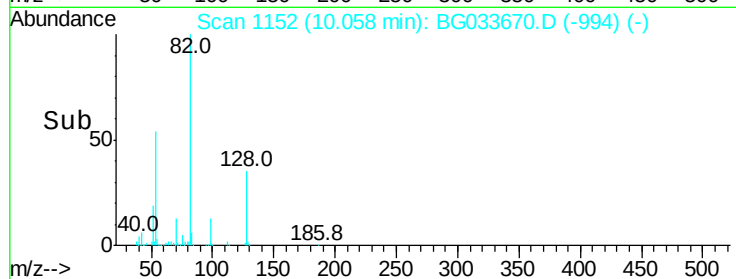
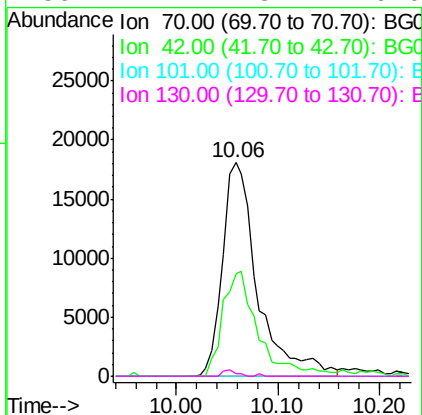
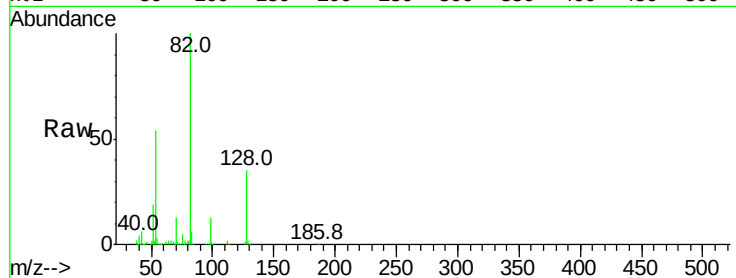




#19
 n-Nitroso-di-n-propylamine
 Concen: 19.610 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. 0.40 min
 Lab File: BG033670.D
 Acq: 7 Apr 2018 19:19

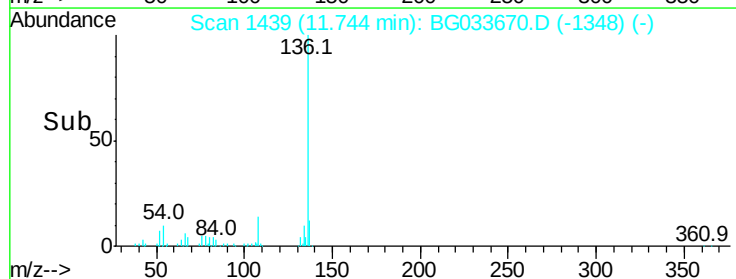
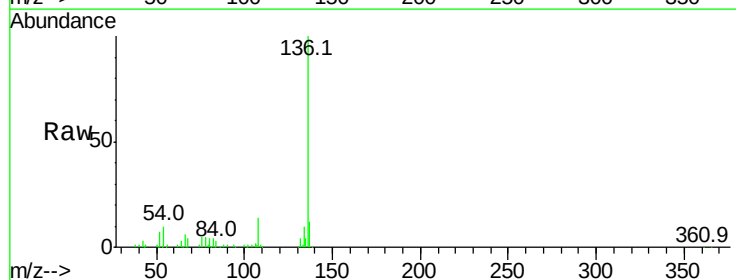
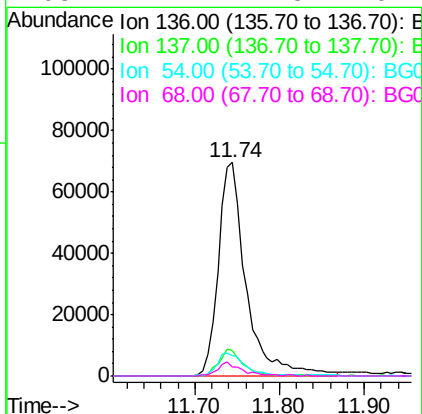
Instrument :
 BNA_G
 ClientSampled :

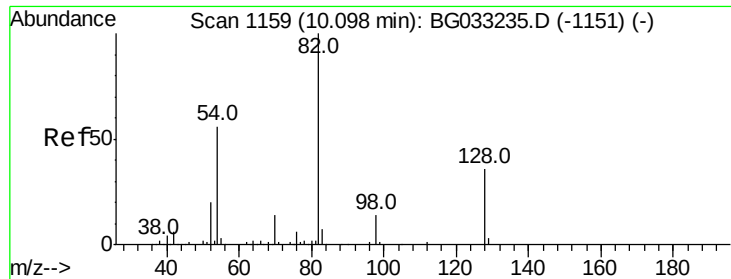
Tot Ion: 70 Resp: 43416
 Ion Ratio Lower Upper
 70 100
 42 47.9 49.1 73.7#
 101 0.0 8.5 12.7#
 130 1.2 13.4 20.0#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 11.74 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BG033670.D
 Acq: 7 Apr 2018 19:19

Tgt Ion: 136 Resp: 158715
 Ion Ratio Lower Upper
 136 100
 137 11.8 9.2 13.8
 54 9.7 10.3 15.5#
 68 4.4 4.5 6.7#





#23

Nitrobenzene-d5

Concen: 94.763 ng

RT: 10.06 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BG033670.D

Acq: 7 Apr 2018 19:19

Instrument :

BNA_G

ClientSampleId :

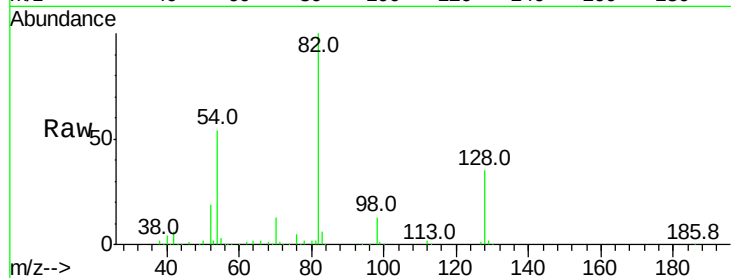
Tot Ion: 82 Resp: 327360

Ion Ratio Lower Upper

82 100

128 35.4 29.7 44.5

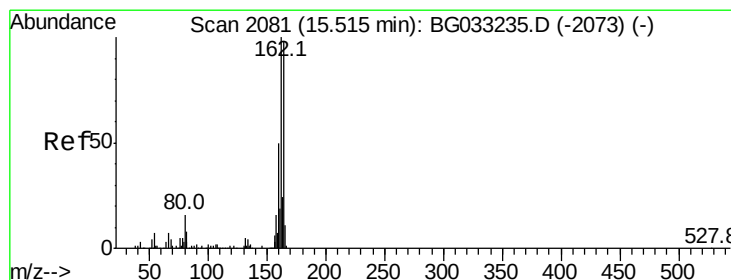
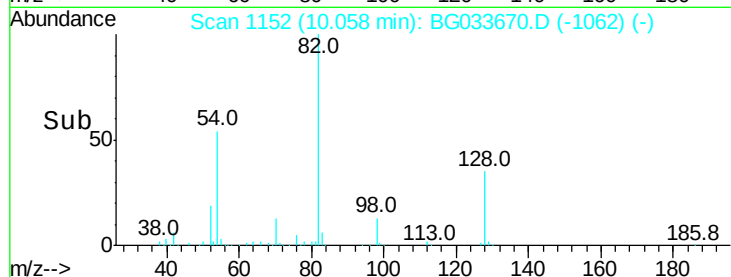
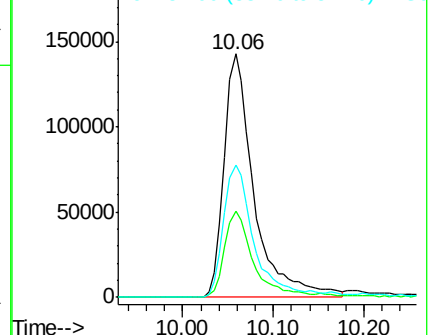
54 54.2 43.1 64.7



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: 15.48 min Scan# 2074

Delta R.T. -0.00 min

Lab File: BG033670.D

Acq: 7 Apr 2018 19:19

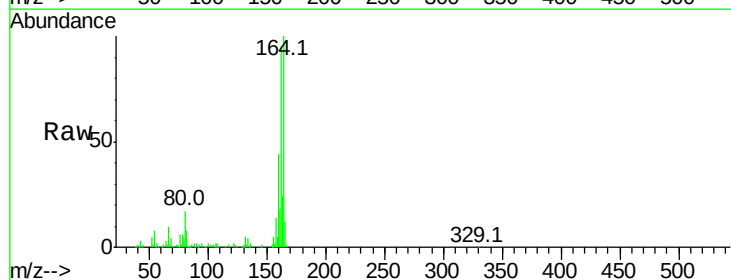
Tgt Ion: 164 Resp: 126839

Ion Ratio Lower Upper

164 100

162 94.6 78.8 118.2

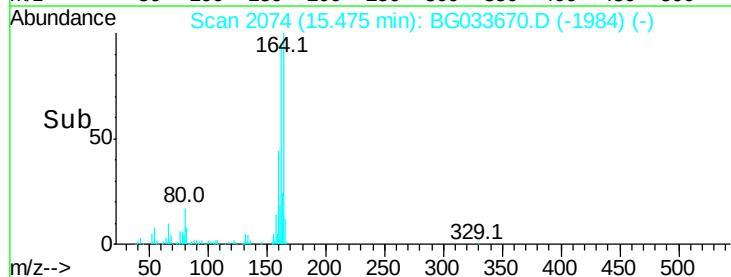
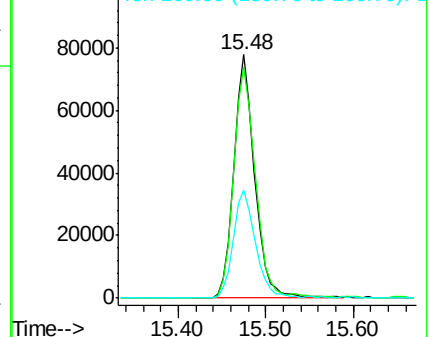
160 44.1 35.4 53.0

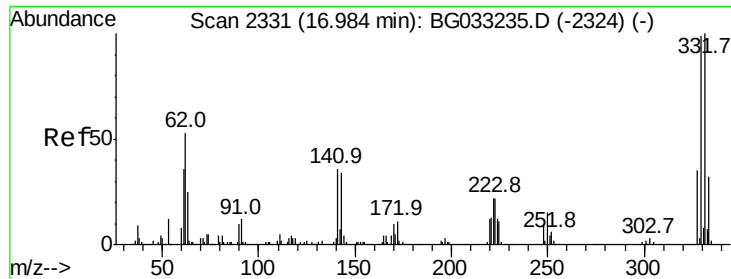


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

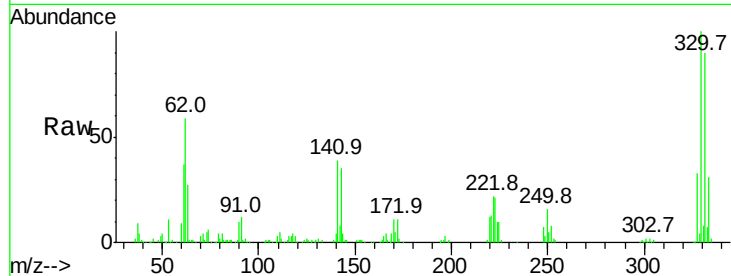




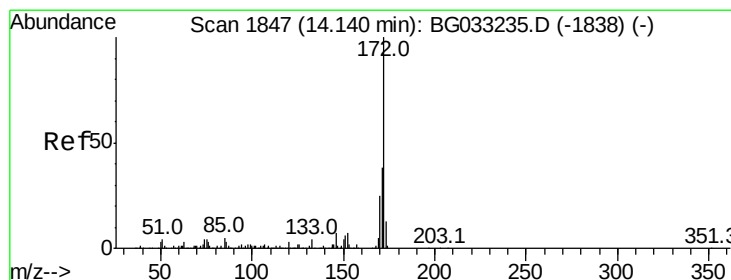
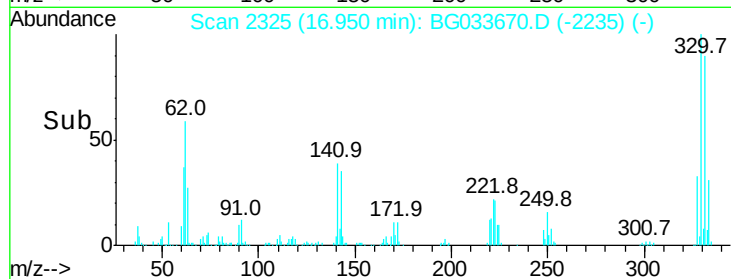
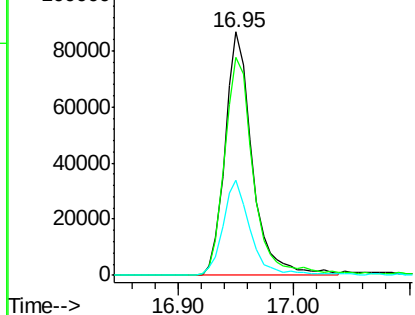
#41
 2,4,6-Tribromophenol
 Concen: 74.587 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: BG033670.D
 Acq: 7 Apr 2018 19:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 141494
 Ion Ratio Lower Upper
 330 100
 332 94.0 77.0 115.6
 141 38.9 25.2 37.8#

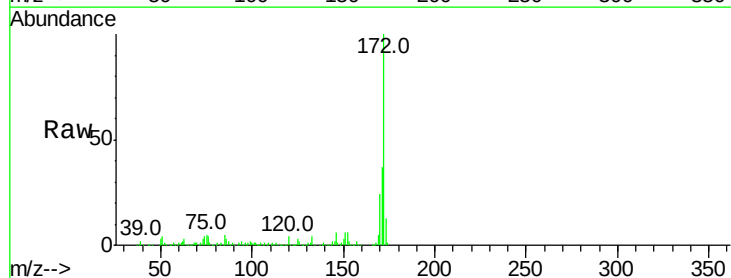


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

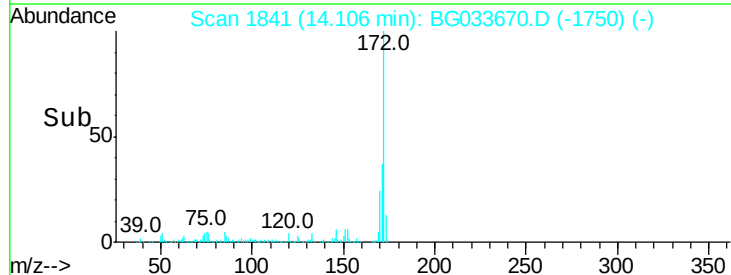
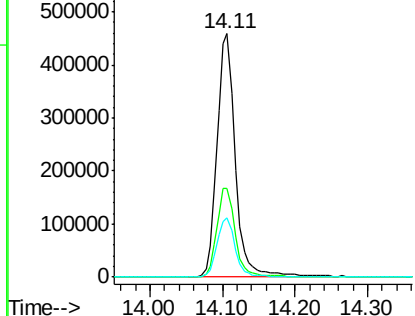


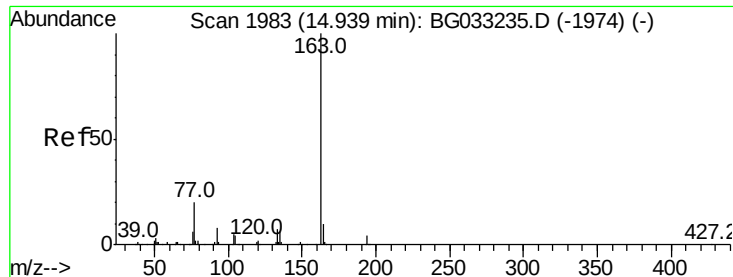
#44
 2-Fluorobiphenyl
 Concen: 92.027 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BG033670.D
 Acq: 7 Apr 2018 19:19

Tgt Ion:172 Resp: 808558
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.0 45.0
 170 24.5 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

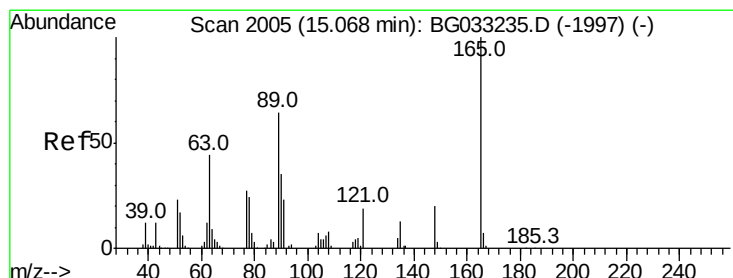
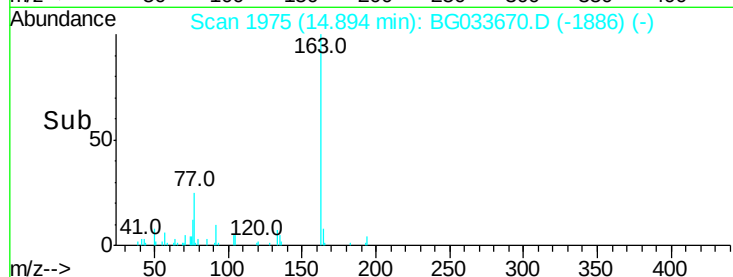
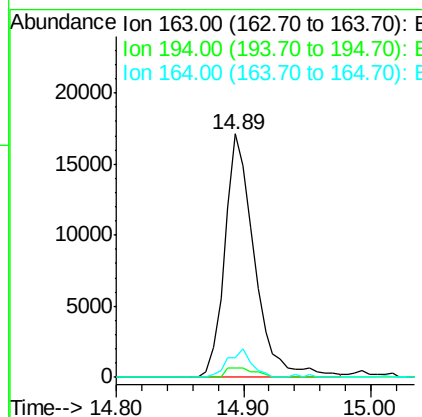
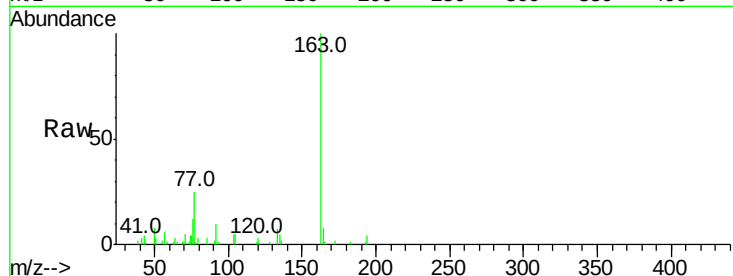




#49
Dimethylphthalate
Concen: 2.509 ng
RT: 14.89 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG033670.D
Acq: 7 Apr 2018 19:19

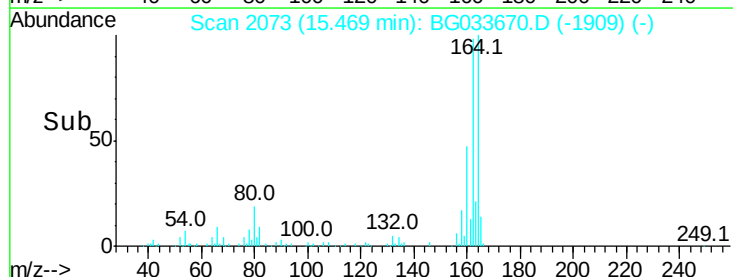
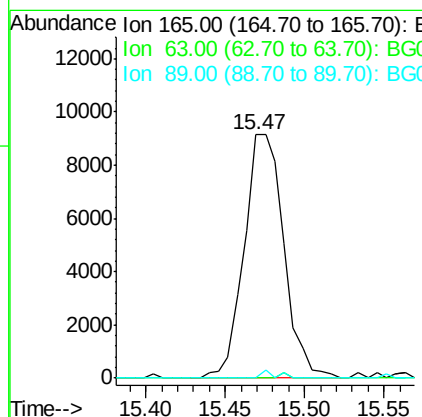
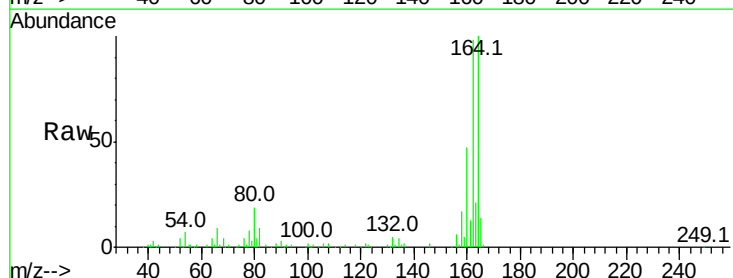
Instrument :
BNA_G
ClientSampled :

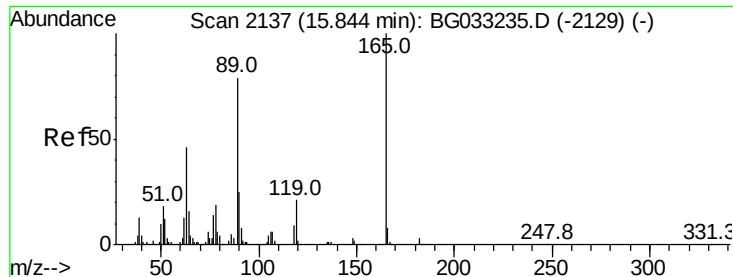
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	8.2	8.2	12.4#



#50
2,6-Dinitrotoluene
Concen: 7.059 ng
RT: 15.47 min Scan# 2073
Delta R.T. 0.43 min
Lab File: BG033670.D
Acq: 7 Apr 2018 19:19

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

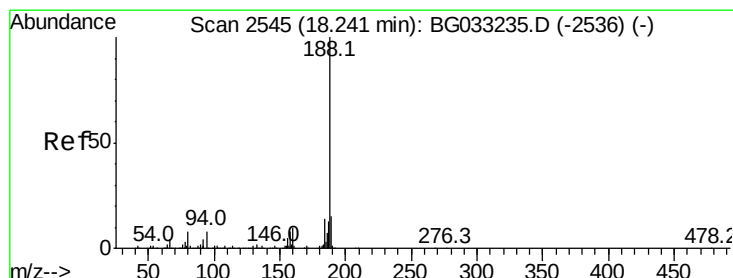
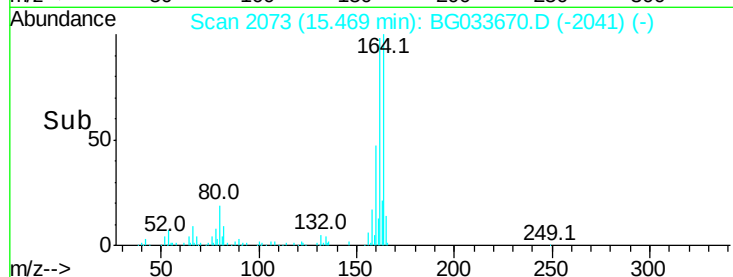
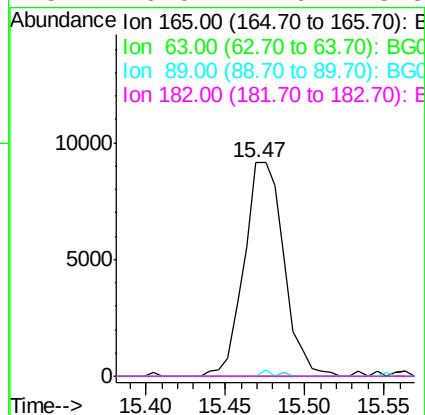
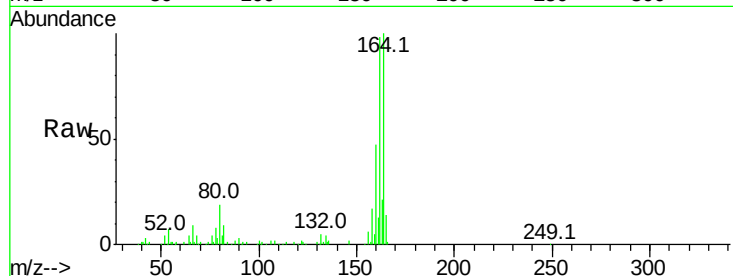




#56
 2,4-Dinitrotoluene
 Concen: 4.794 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. -0.34 min
 Lab File: BG033670.D
 Acq: 7 Apr 2018 19:19

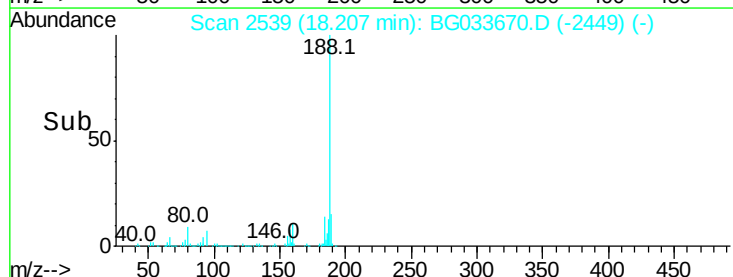
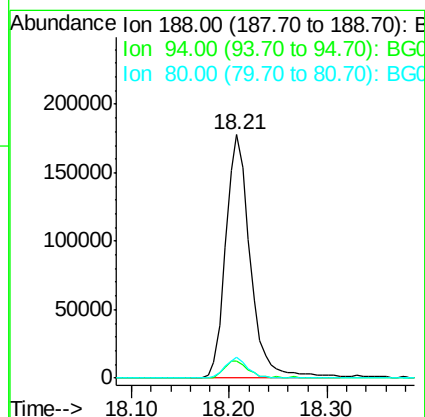
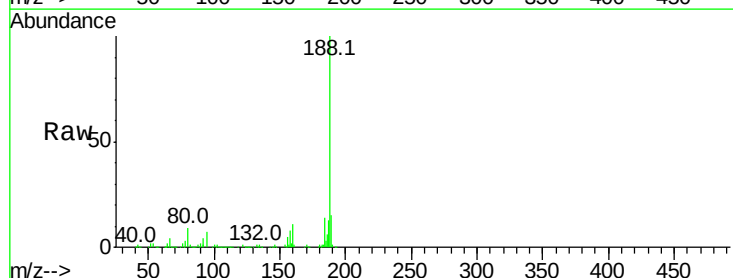
Instrument :
 BNA_G
 ClientSampled :

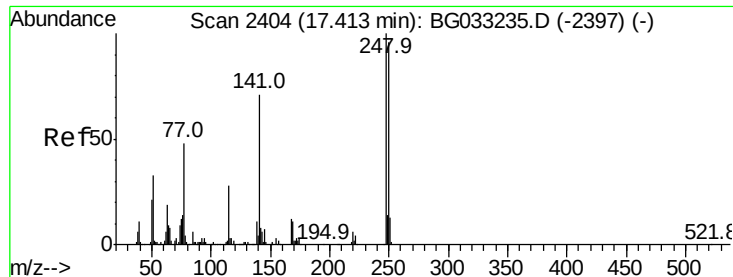
Tot Ion:165 Resp: 15932
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 0.0 66.9 100.3#
 182 0.0 2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2539
 Delta R.T. -0.00 min
 Lab File: BG033670.D
 Acq: 7 Apr 2018 19:19

Tgt Ion:188 Resp: 310359
 Ion Ratio Lower Upper
 188 100
 94 7.1 6.9 10.3
 80 8.8 7.7 11.5

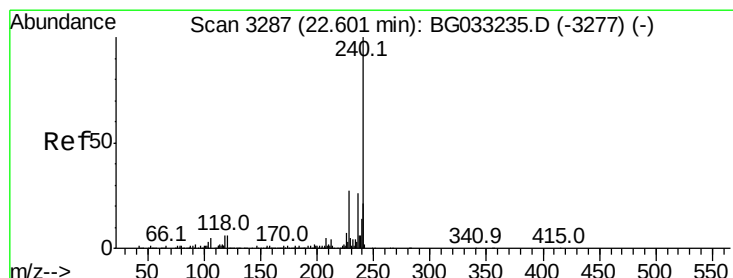
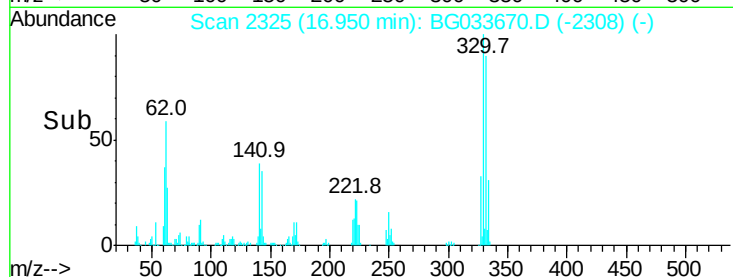
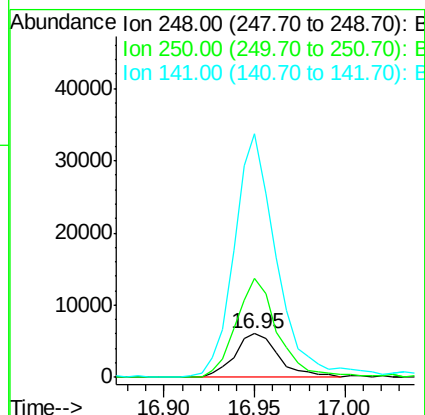
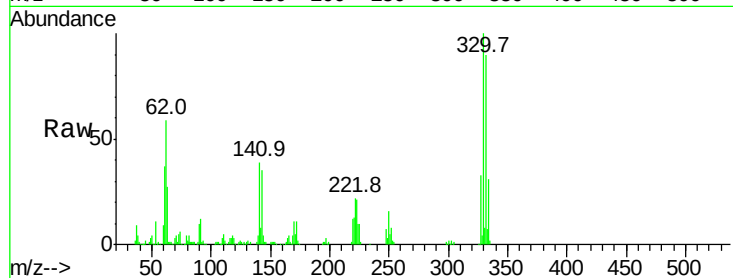




#66
4-Bromophenyl-phenylether
Concen: 2.789 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.43 min
Lab File: BG033670.D
Acq: 7 Apr 2018 19:19

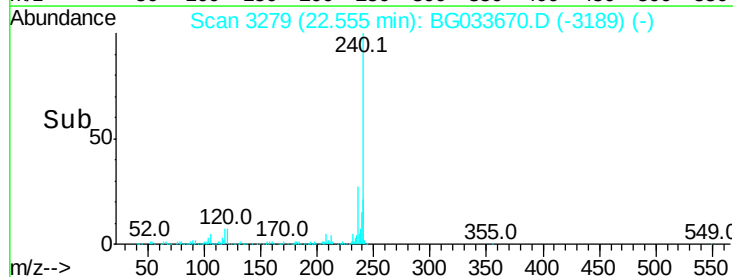
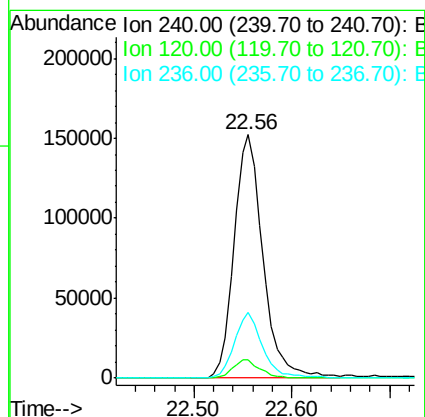
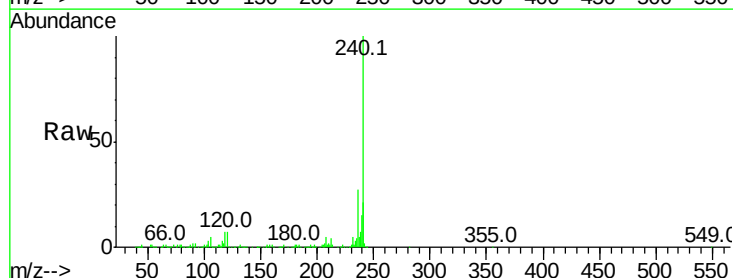
Instrument :
BNA_G
ClientSampleId :

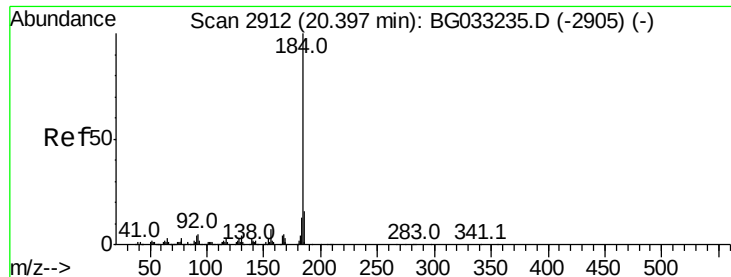
Tot Ion:248 Resp: 10166
Ion Ratio Lower Upper
248 100
250 296.5 77.1 115.7#
141 560.9 50.8 76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3279
Delta R.T. -0.00 min
Lab File: BG033670.D
Acq: 7 Apr 2018 19:19

Tgt Ion:240 Resp: 312783
Ion Ratio Lower Upper
240 100
120 7.5 6.8 10.2
236 26.9 20.9 31.3





#76

Benzidine

Concen: 2.842 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.36 min

Lab File: BG033670.D

Acq: 7 Apr 2018 19:19

Instrument :

BNA_G

ClientSampleId :

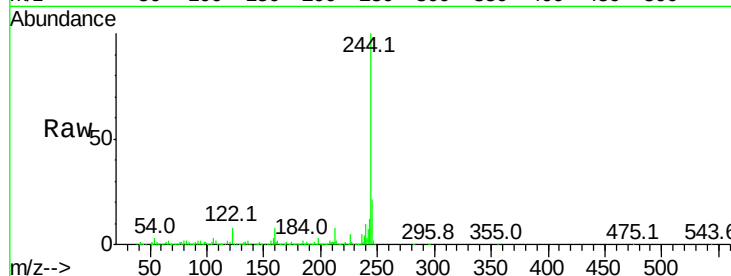
Tot Ion:184 Resp: 24108

Ion Ratio Lower Upper

184 100

185 20.1 11.1 16.7#

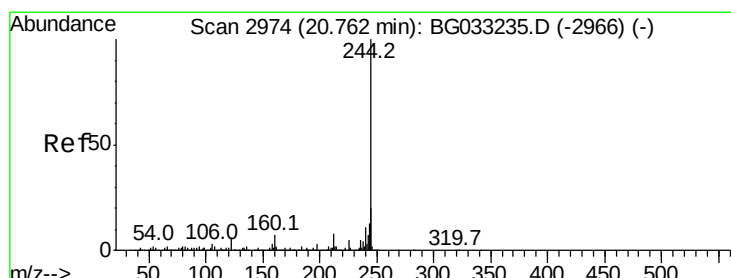
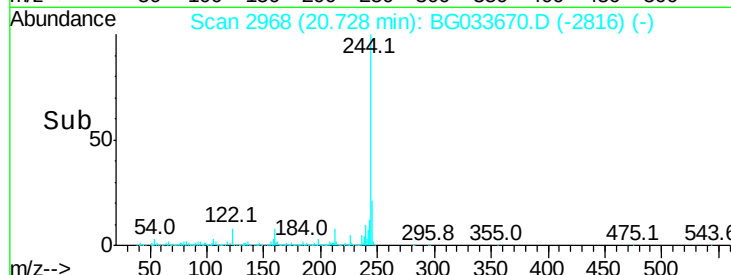
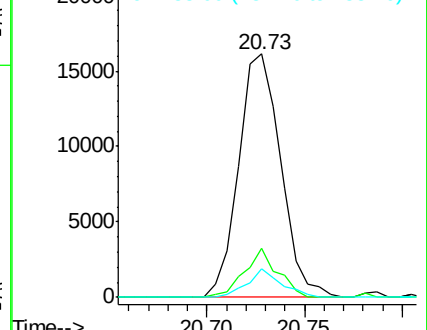
183 11.9 10.6 16.0



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: 98.169 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BG033670.D

Acq: 7 Apr 2018 19:19

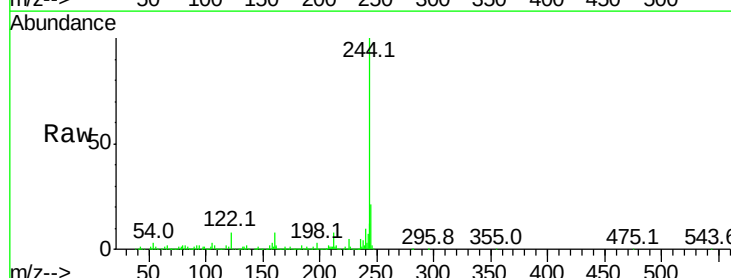
Tgt Ion:244 Resp: 1435769

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

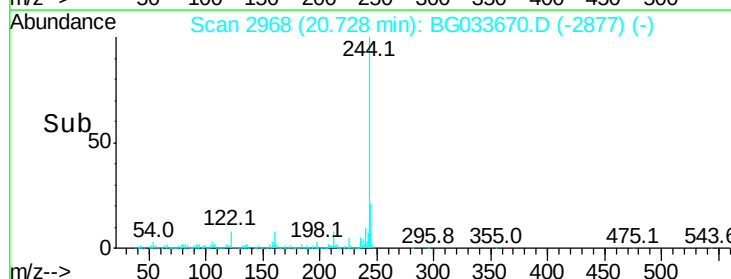
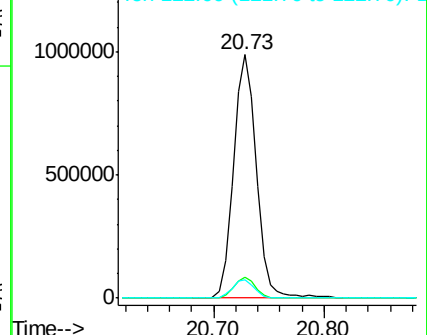
122 7.7 7.0 10.4

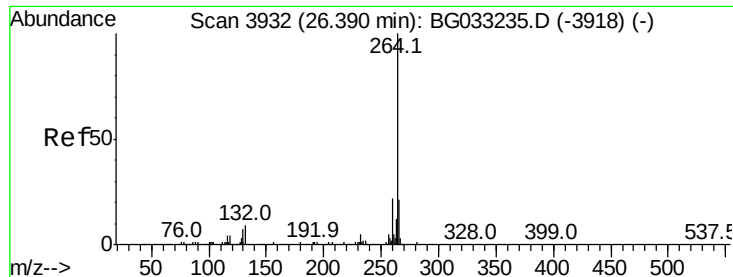


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.32 min Scan# 3920
 Delta R.T. 0.00 min
 Lab File: BG033670.D
 Acq: 7 Apr 2018 19:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.4	26.0
265	19.4	17.7	26.5

