

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG040218\
 Data File : BG033502.D
 Acq On : 3 Apr 2018 00:23
 Operator : SJ/JU
 Sample : J2114-13
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 03 04:04:28 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 18:34:58 2018
 Response via : Initial Calibration

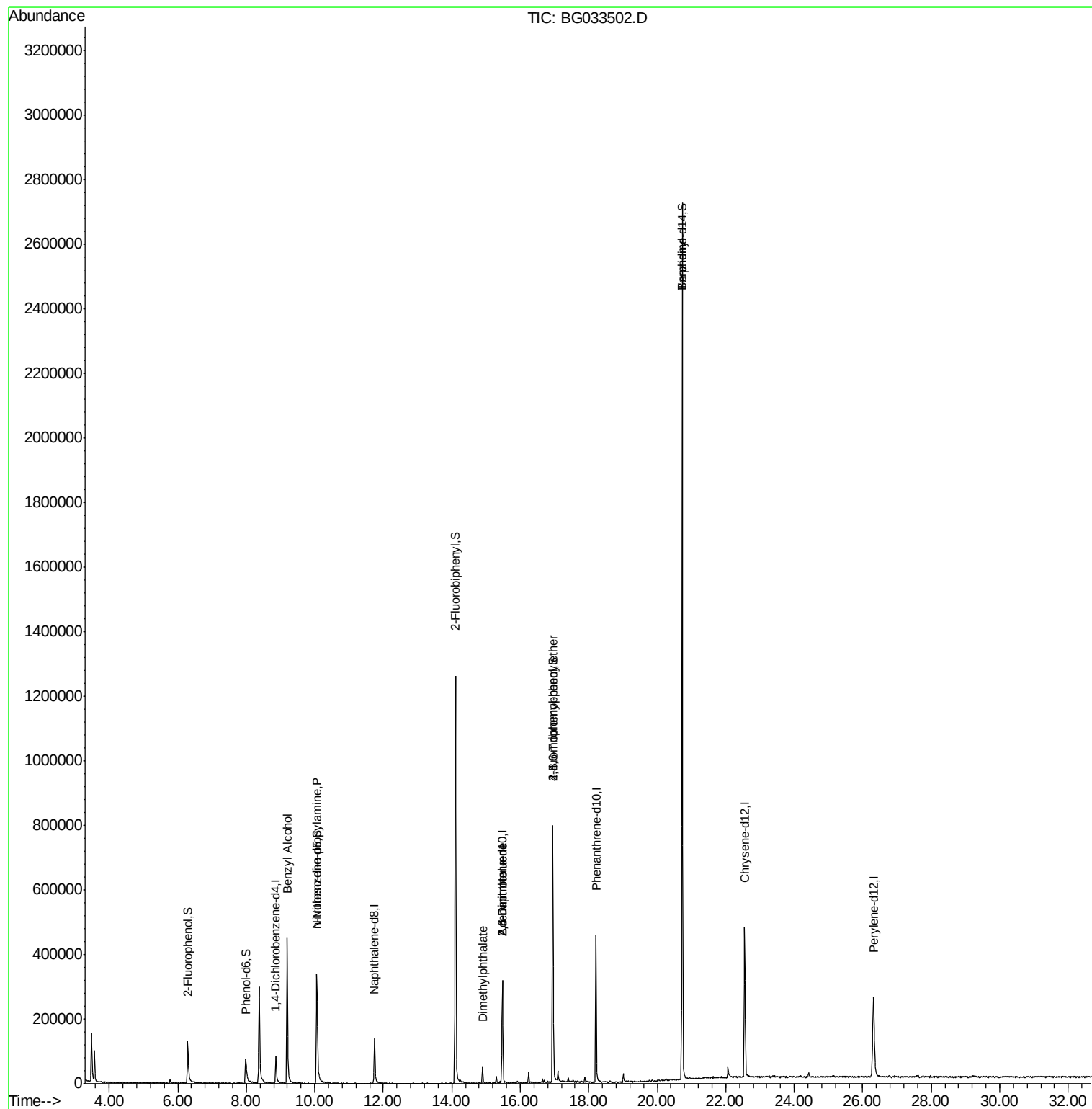
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	32219	20.00	ng	-0.01
21) Naphthalene-d8	11.74	136	141469	20.00	ng	-0.01
38) Acenaphthene-d10	15.48	164	118142	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	332818	20.00	ng	0.00
75) Chrysene-d12	22.55	240	330951	20.00	ng	0.00
86) Perylene-d12	26.31	264	348816	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	75324	43.84	ng	0.00
7) Phenol-d6	7.98	99	68023	23.04	ng	0.00
23) Nitrobenzene-d5	10.06	82	291874	94.79	ng	-0.01
41) 2,4,6-Tribromophenol	16.95	330	172637	97.70	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	735919	89.93	ng	0.00
78) Terphenyl-d14	20.73	244	1417361	91.59	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	5141	2.212	ng	# 46
19) n-Nitroso-di-n-propylamine	10.06	70	40205	18.585	ng	# 73
49) Dimethylphthalate	14.90	163	36440	3.544	ng	# 95
50) 2,6-Dinitrotoluene	15.48	165	15602	7.421	ng	# 20
56) 2,4-Dinitrotoluene	15.48	165	15602	5.040	ng	# 18
66) 4-Bromophenyl-phenylether	16.95	248	12983	3.322	ng	# 1
76) Benizidine	20.73	184	23578	2.627	ng	# 91

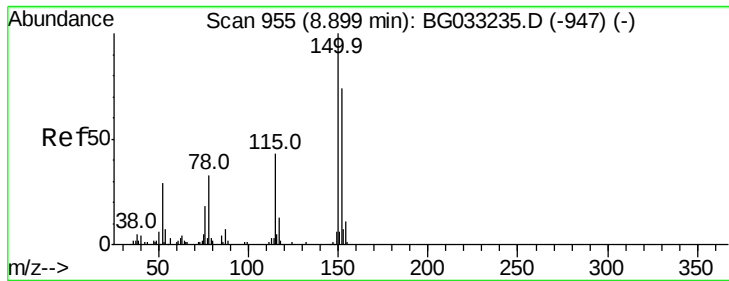
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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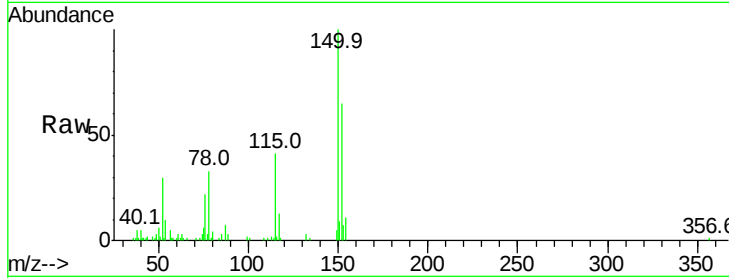


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG033502.D
Acq: 3 Apr 2018 00:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	126.6	189.8
115	63.6	53.0	79.4

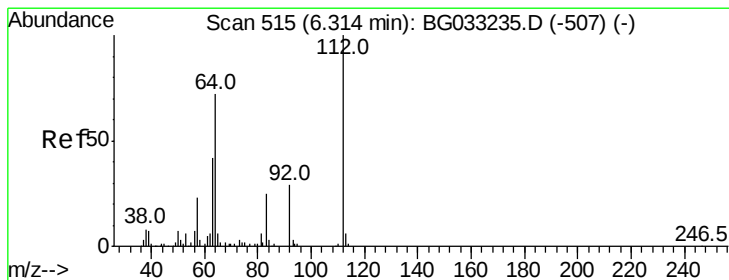
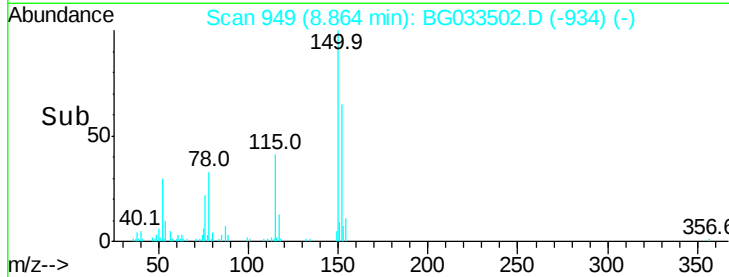
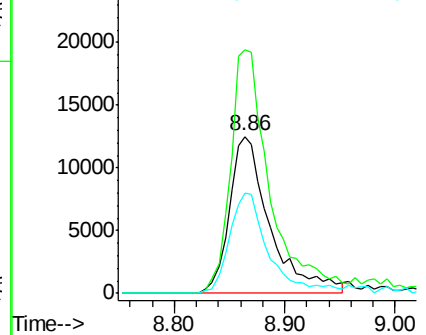


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

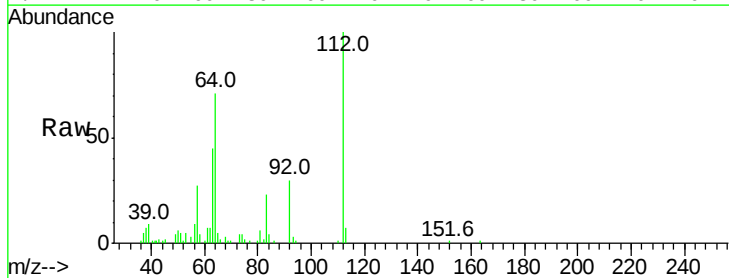
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 43.838 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.00 min
Lab File: BG033502.D
Acq: 3 Apr 2018 00:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.4	56.3	84.5
63	44.8	30.1	45.1

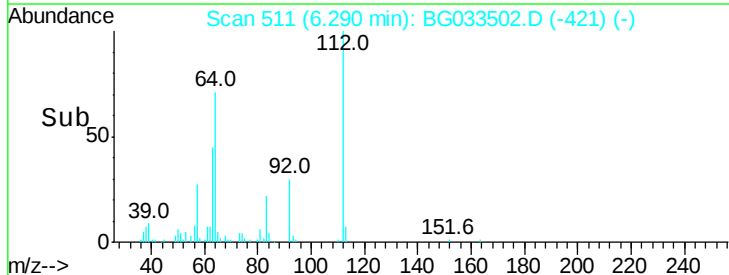
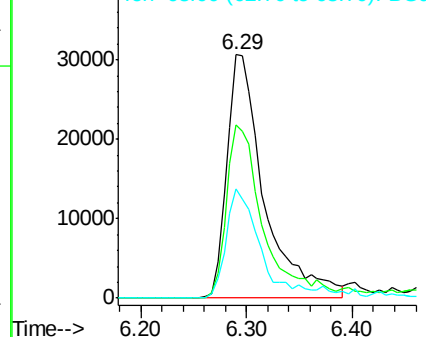


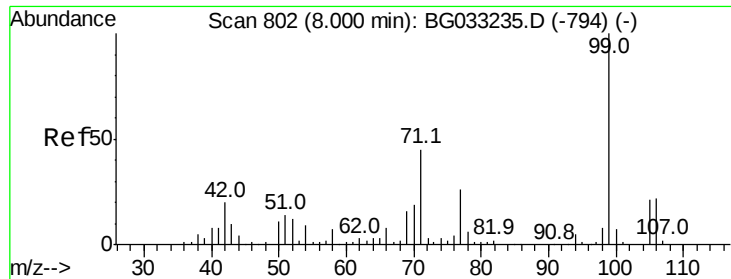
Abundance

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: 23.041 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.00 min

Lab File: BG033502.D

Acq: 3 Apr 2018 00:23

Instrument :

BNA_G

ClientSampleId :

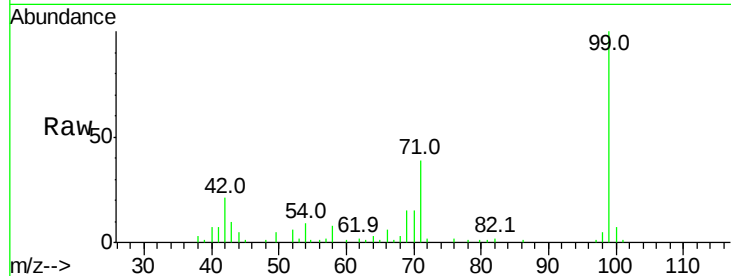
Tot Ion: 99 Resp: 68023

Ion Ratio Lower Upper

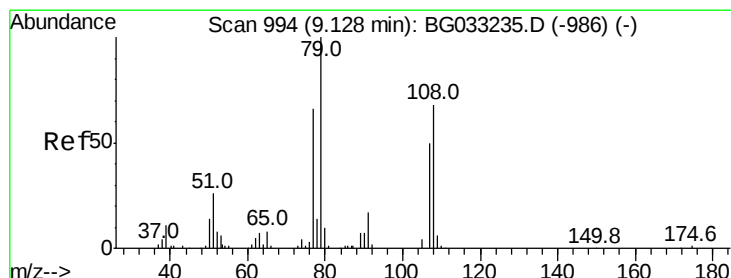
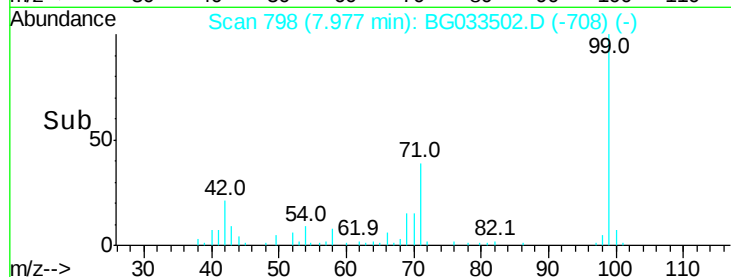
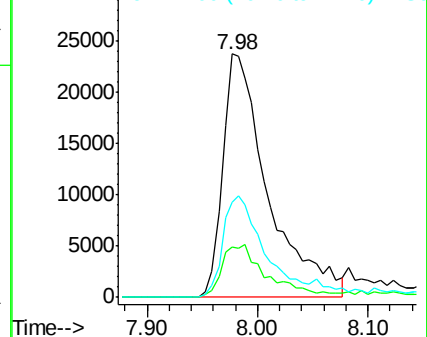
99 100

42 20.6 14.1 21.1

71 39.3 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: 2.212 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.09 min

Lab File: BG033502.D

Acq: 3 Apr 2018 00:23

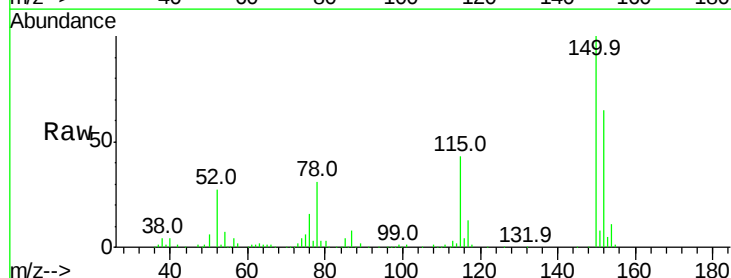
Tgt Ion: 79 Resp: 5141

Ion Ratio Lower Upper

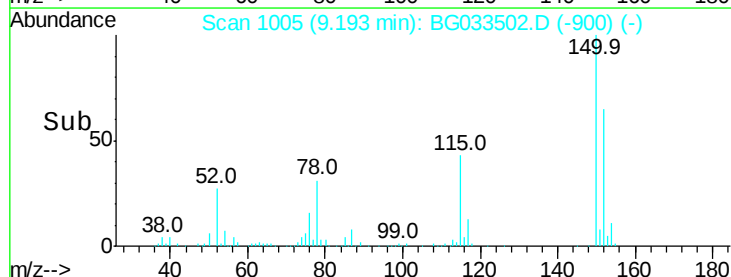
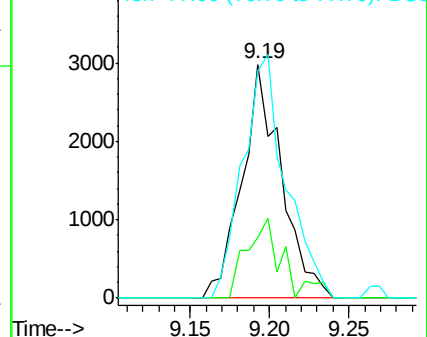
79 100

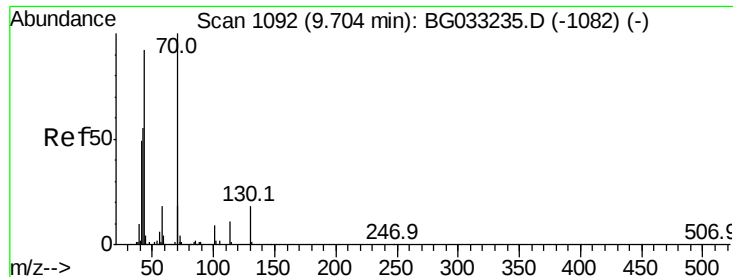
108 25.8 57.2 85.8#

77 97.0 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

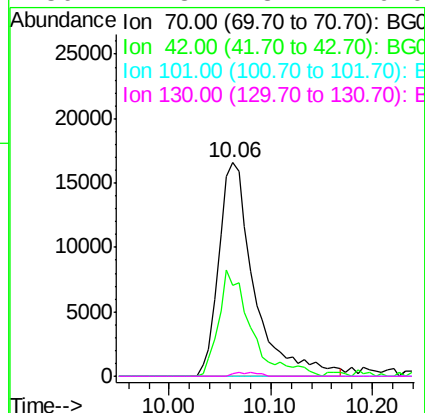
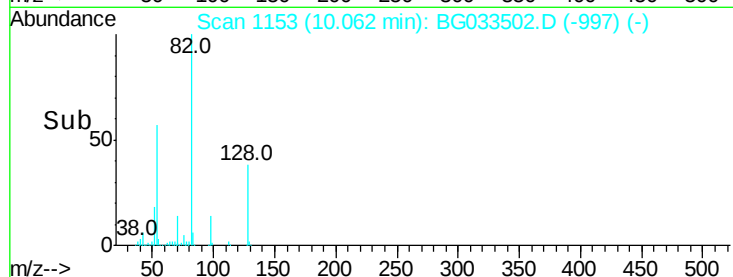
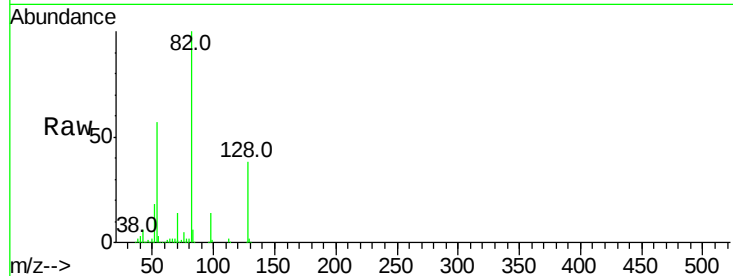




#19
n-Nitroso-di-n-propylamine
Concen: 18.585 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.38 min
Lab File: BG033502.D
Acq: 3 Apr 2018 00:23

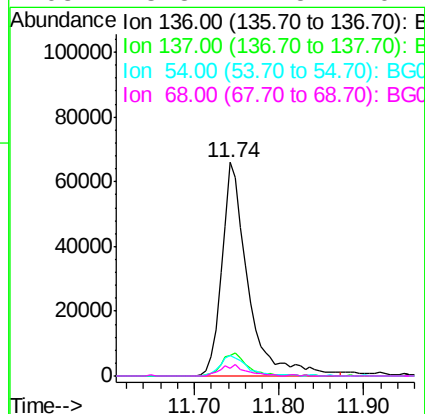
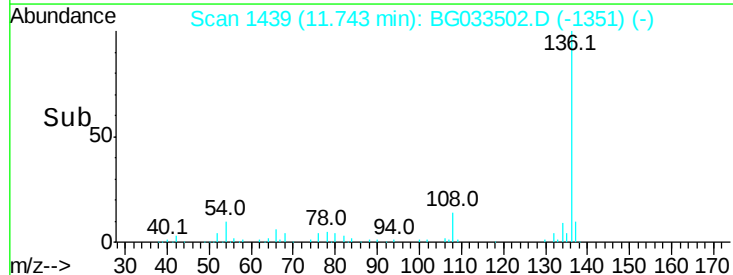
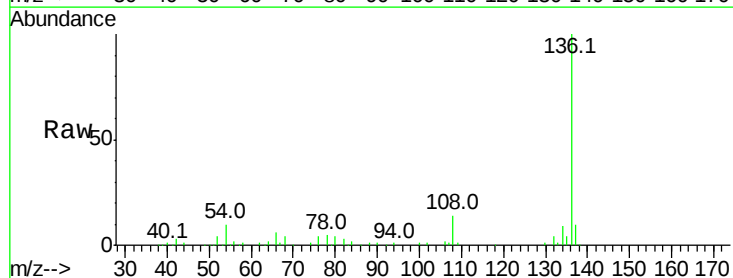
Instrument :
BNA_G
ClientSampled :

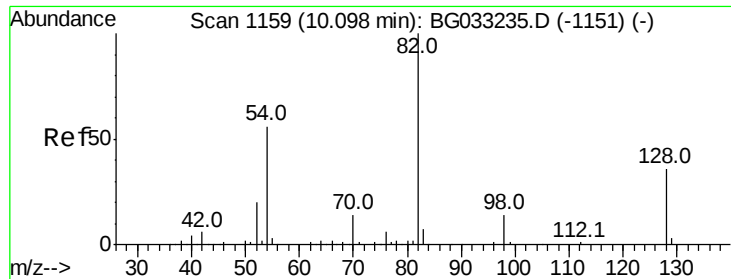
Tot Ion: 70 Resp: 40205
Ion Ratio Lower Upper
70 100
42 42.6 49.1 73.7#
101 0.0 8.5 12.7#
130 1.3 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BG033502.D
Acq: 3 Apr 2018 00:23

Tgt Ion: 136 Resp: 141469
Ion Ratio Lower Upper
136 100
137 9.6 9.2 13.8
54 9.5 10.3 15.5#
68 3.8 4.5 6.7#





#23

Nitrobenzene-d5

Concen: 94.790 ng

RT: 10.06 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BG033502.D

Acq: 3 Apr 2018 00:23

Instrument :

BNA_G

ClientSampleId :

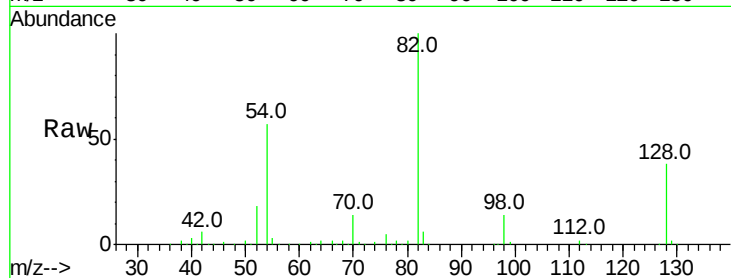
Tot Ion: 82 Resp: 291874

Ion Ratio Lower Upper

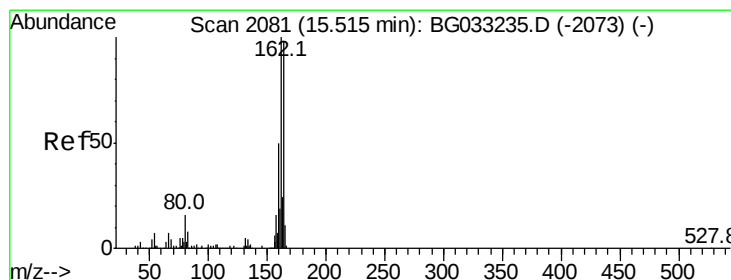
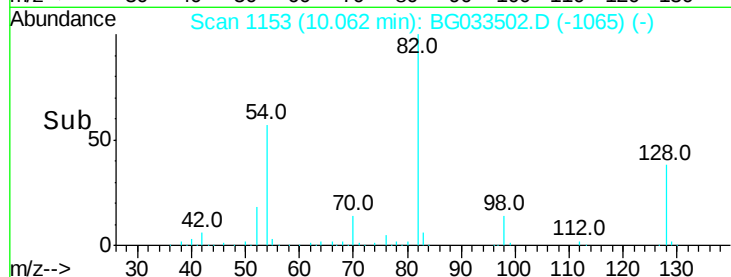
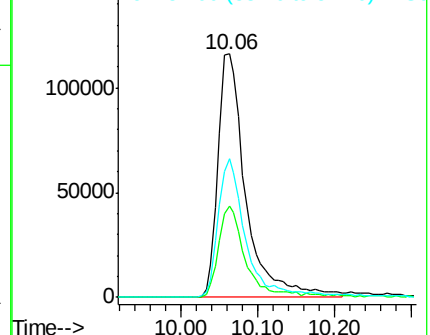
82 100

128 37.6 29.7 44.5

54 57.1 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: 15.48 min Scan# 2075

Delta R.T. -0.01 min

Lab File: BG033502.D

Acq: 3 Apr 2018 00:23

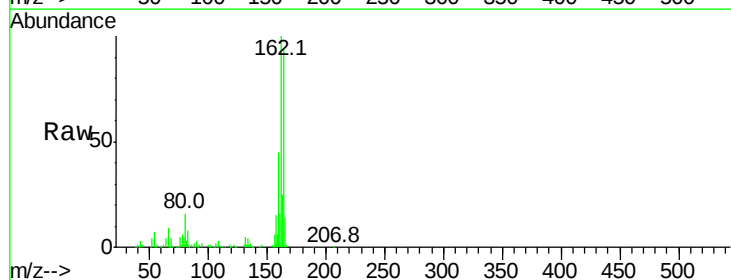
Tgt Ion:164 Resp: 118142

Ion Ratio Lower Upper

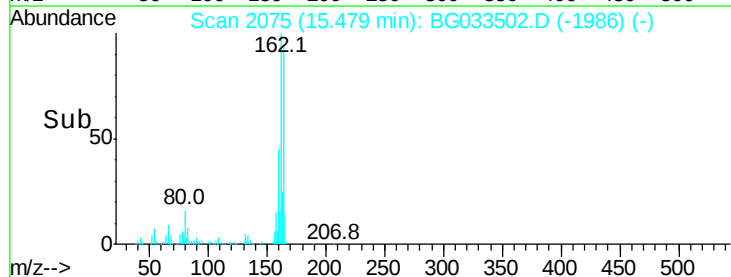
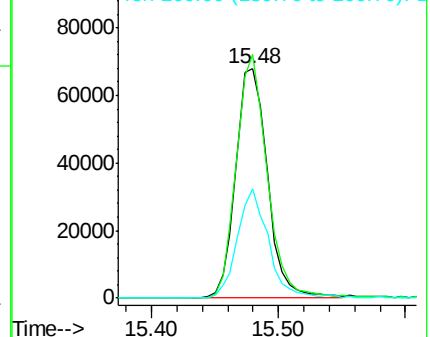
164 100

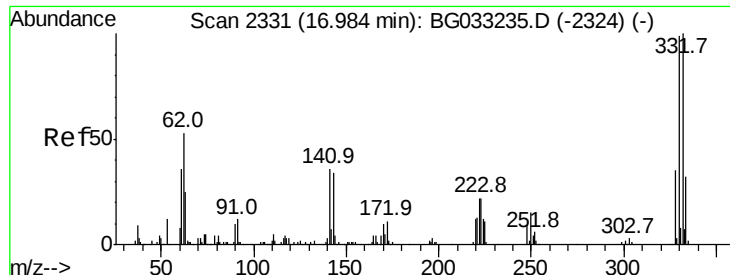
162 106.2 78.8 118.2

160 47.6 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

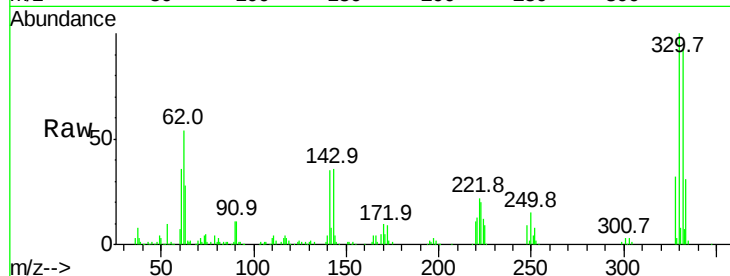




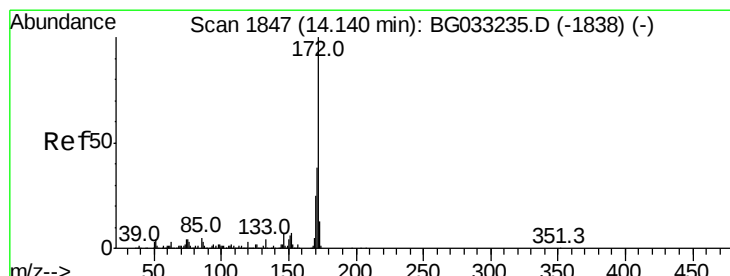
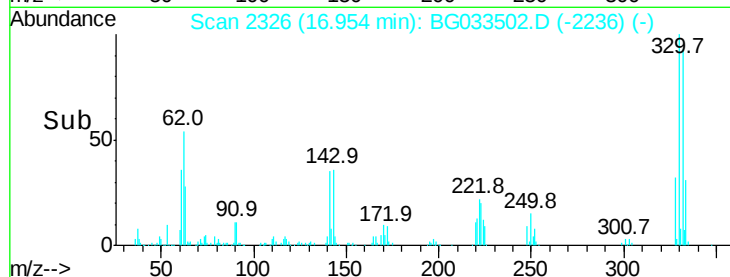
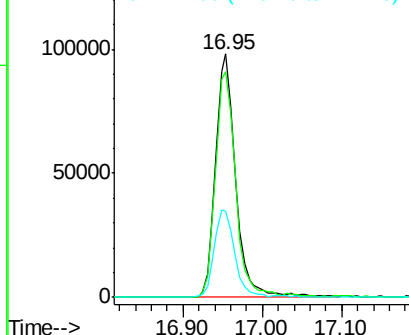
#41
 2,4,6-Tribromophenol
 Concen: 97.703 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033502.D
 Acq: 3 Apr 2018 00:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	92.6	77.0	115.6
141	36.1	25.2	37.8

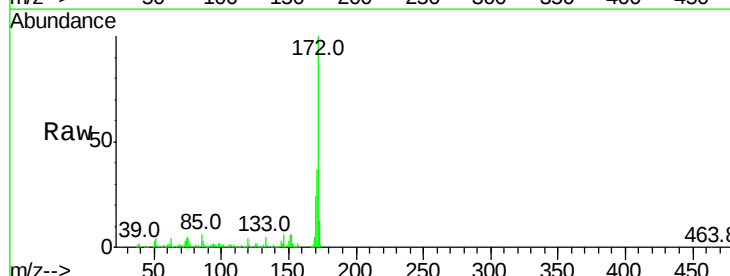


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

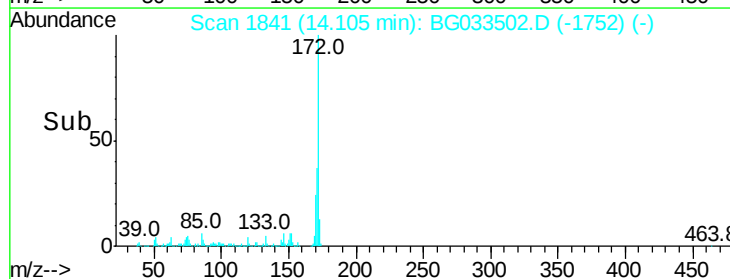
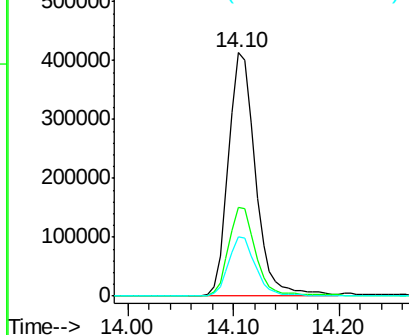


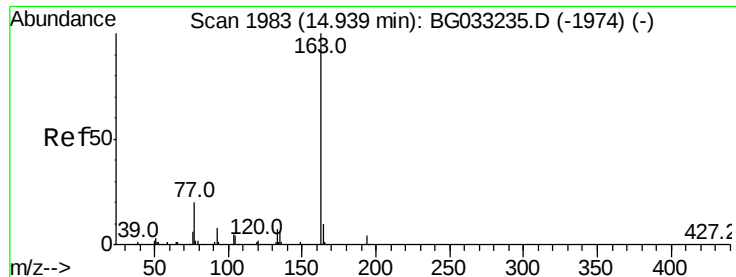
#44
 2-Fluorobiphenyl
 Concen: 89.926 ng
 RT: 14.10 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BG033502.D
 Acq: 3 Apr 2018 00:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.0	45.0
170	24.3	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: 3.544 ng

RT: 14.90 min Scan# 1977

Delta R.T. -0.01 min

Lab File: BG033502.D

Acq: 3 Apr 2018 00:23

Instrument :

BNA_G

ClientSampleId :

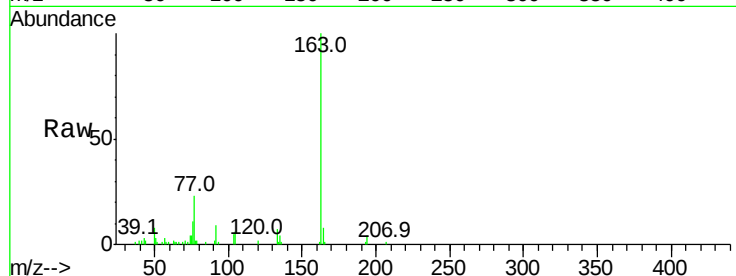
Tot Ion:163 Resp: 36440

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

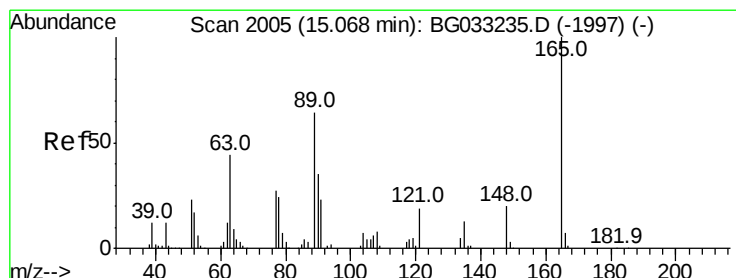
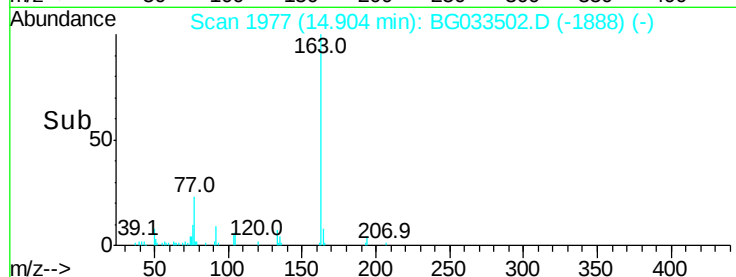
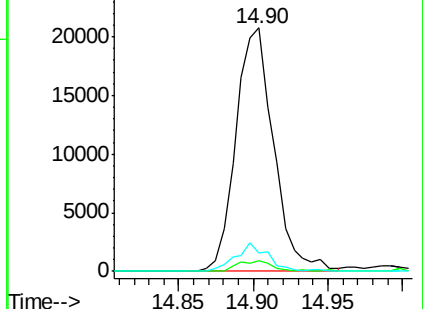
164 7.5 8.2 12.4#



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: 7.421 ng

RT: 15.48 min Scan# 2075

Delta R.T. 0.43 min

Lab File: BG033502.D

Acq: 3 Apr 2018 00:23

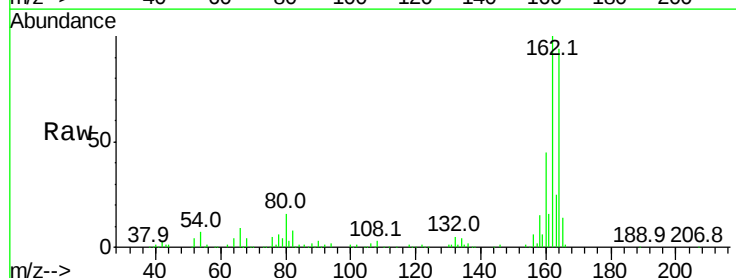
Tgt Ion:165 Resp: 15602

Ion Ratio Lower Upper

165 100

63 0.0 52.7 79.1#

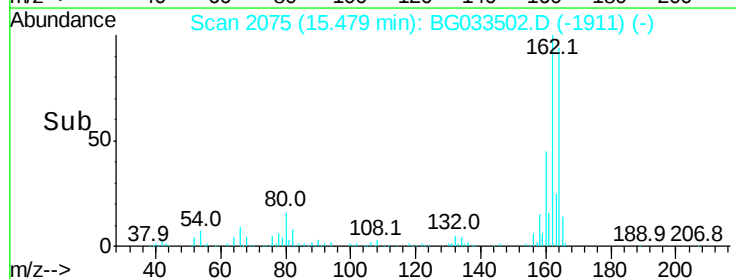
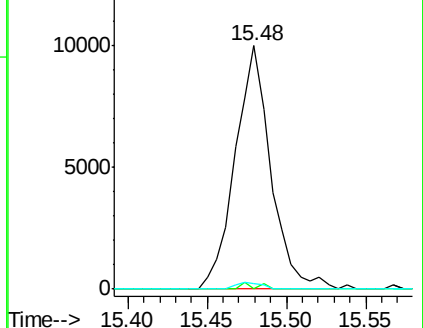
89 2.1 49.2 73.8#



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

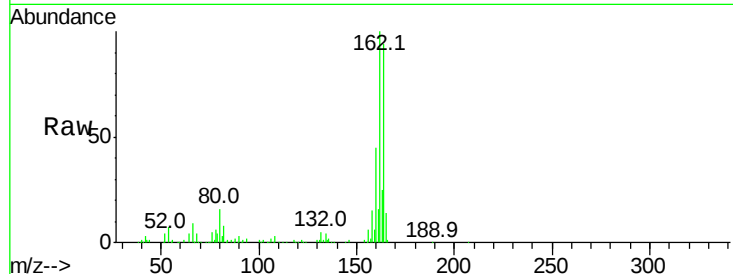




#56
 2,4-Dinitrotoluene
 Concen: 5.040 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.34 min
 Lab File: BG033502.D
 Acq: 3 Apr 2018 00:23

Instrument :
 BNA_G
 ClientSampleId :

Tot 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#



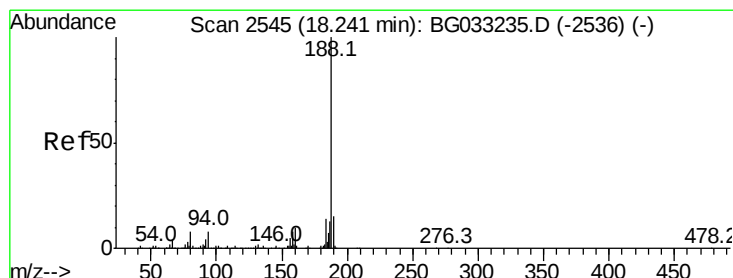
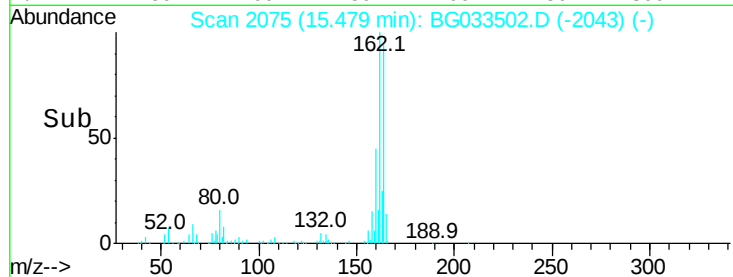
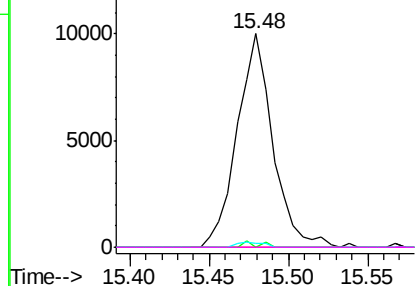
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

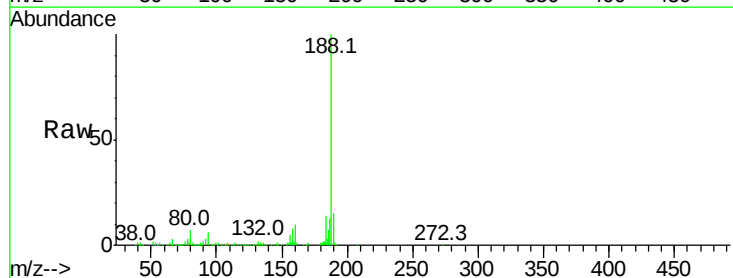
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2540
 Delta R.T. -0.00 min
 Lab File: BG033502.D
 Acq: 3 Apr 2018 00:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.0	6.9	10.3#
80	7.3	7.7	11.5#

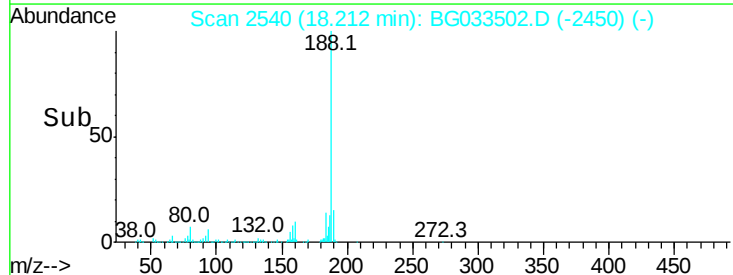
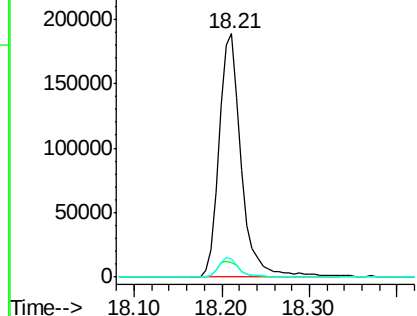


Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

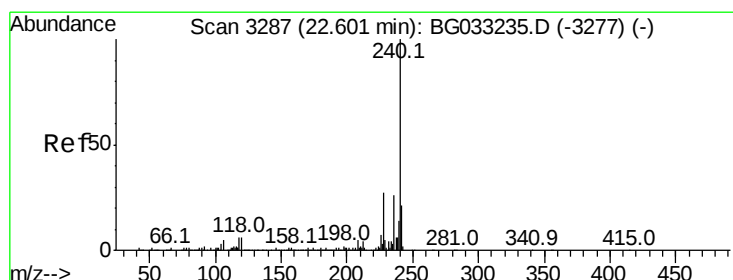
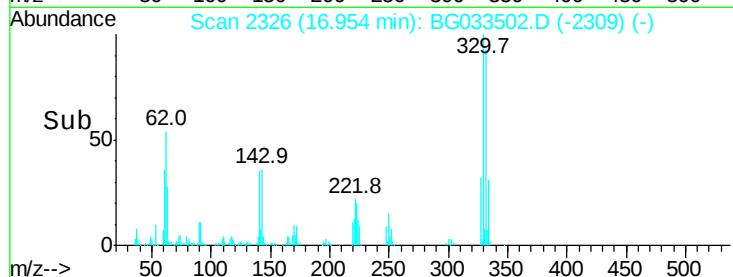
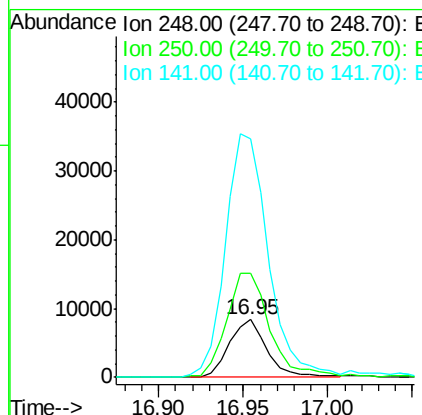
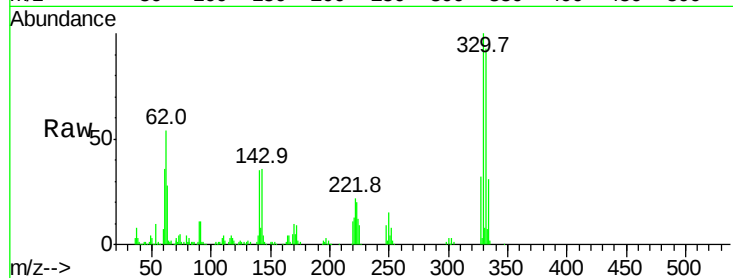




#66
 4-Bromophenyl-phenylether
 Concen: 3.322 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.43 min
 Lab File: BG033502.D
 Acq: 3 Apr 2018 00:23

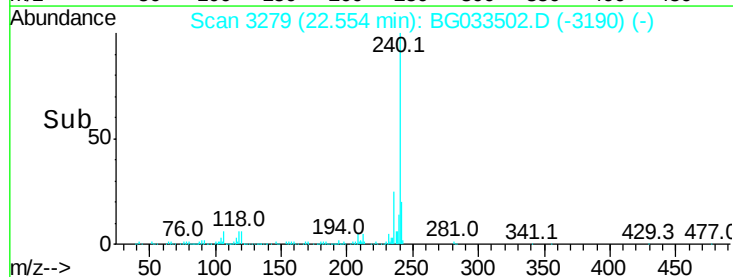
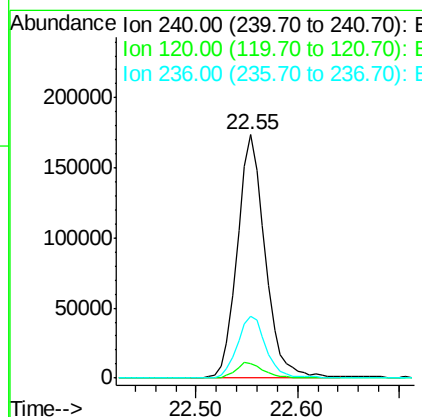
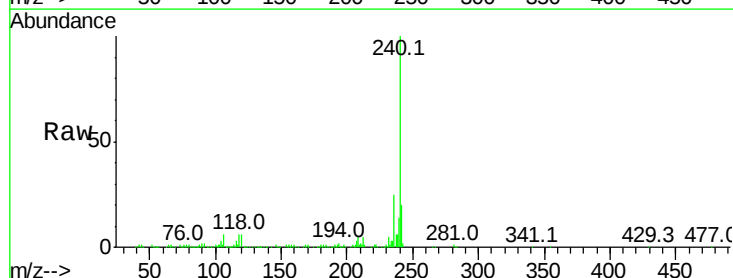
Instrument :
 BNA_G
 ClientSampled :

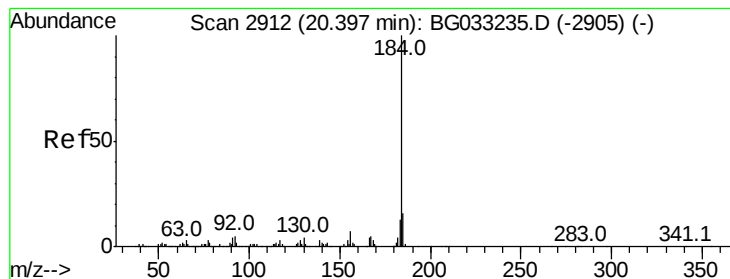
Tot Ion:248 Resp: 12983
 Ion Ratio Lower Upper
 248 100
 250 181.5 77.1 115.7#
 141 413.8 50.8 76.2#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.55 min Scan# 3279
 Delta R.T. -0.01 min
 Lab File: BG033502.D
 Acq: 3 Apr 2018 00:23

Tgt Ion:240 Resp: 330951
 Ion Ratio Lower Upper
 240 100
 120 6.0 6.8 10.2#
 236 25.2 20.9 31.3





#76

Benzidine

Concen: 2.627 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.36 min

Lab File: BG033502.D

Acq: 3 Apr 2018 00:23

Instrument :

BNA_G

ClientSampleId :

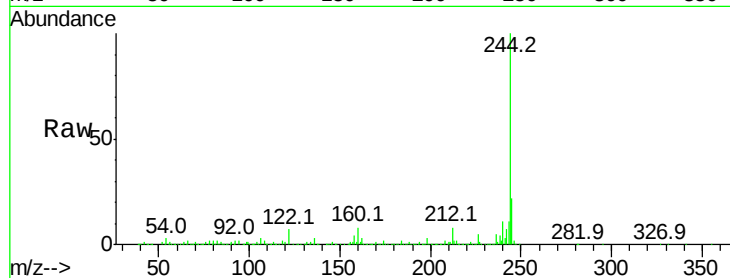
Tot Ion:184 Resp: 23578

Ion Ratio Lower Upper

184 100

185 12.3 11.1 16.7

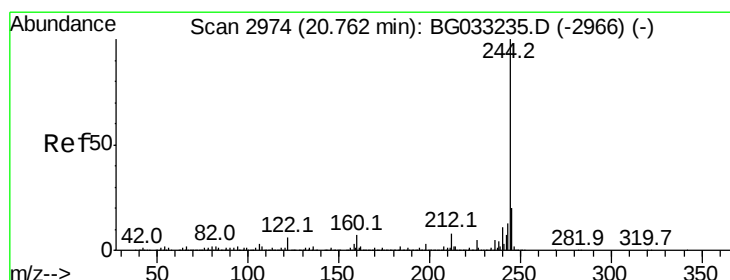
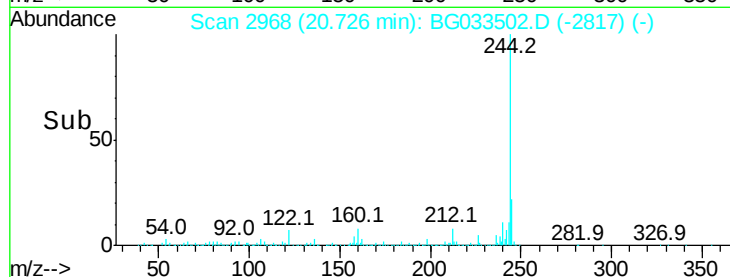
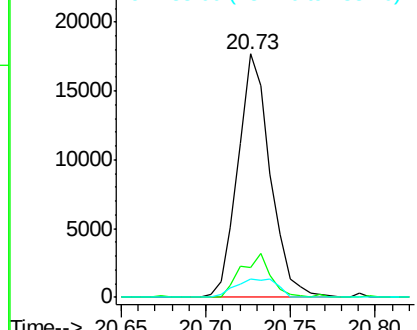
183 7.4 10.6 16.0#



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: 91.590 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.01 min

Lab File: BG033502.D

Acq: 3 Apr 2018 00:23

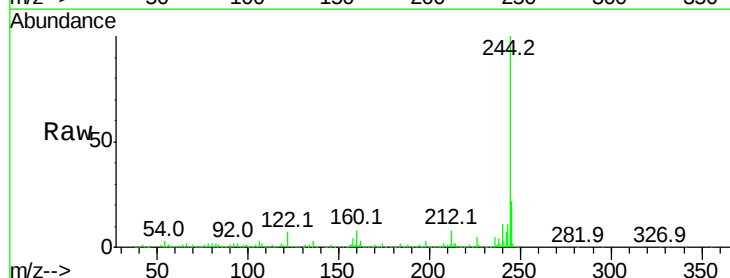
Tgt Ion:244 Resp: 1417361

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

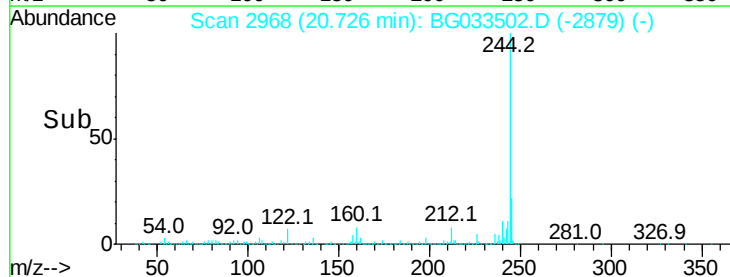
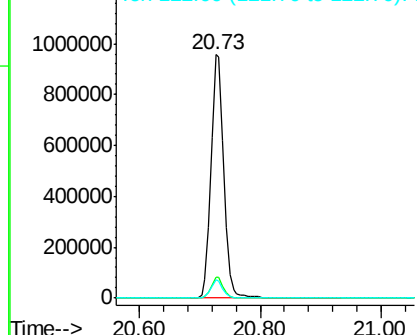
122 7.4 7.0 10.4



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

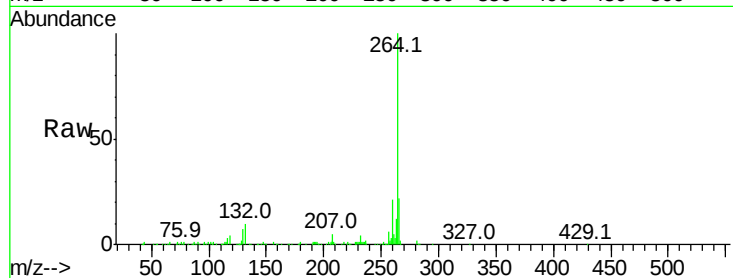




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.31 min Scan# 3919
Delta R.T. -0.02 min
Lab File: BG033502.D
Acq: 3 Apr 2018 00:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.0	17.4	26.0
265	21.6	17.7	26.5



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

