

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041618\
 Data File : BG033841.D
 Acq On : 17 Apr 2018 7:55
 Operator : SJ/JU
 Sample : J2392-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 17 08:42:16 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 16 11:44:01 2018
 Response via : Initial Calibration

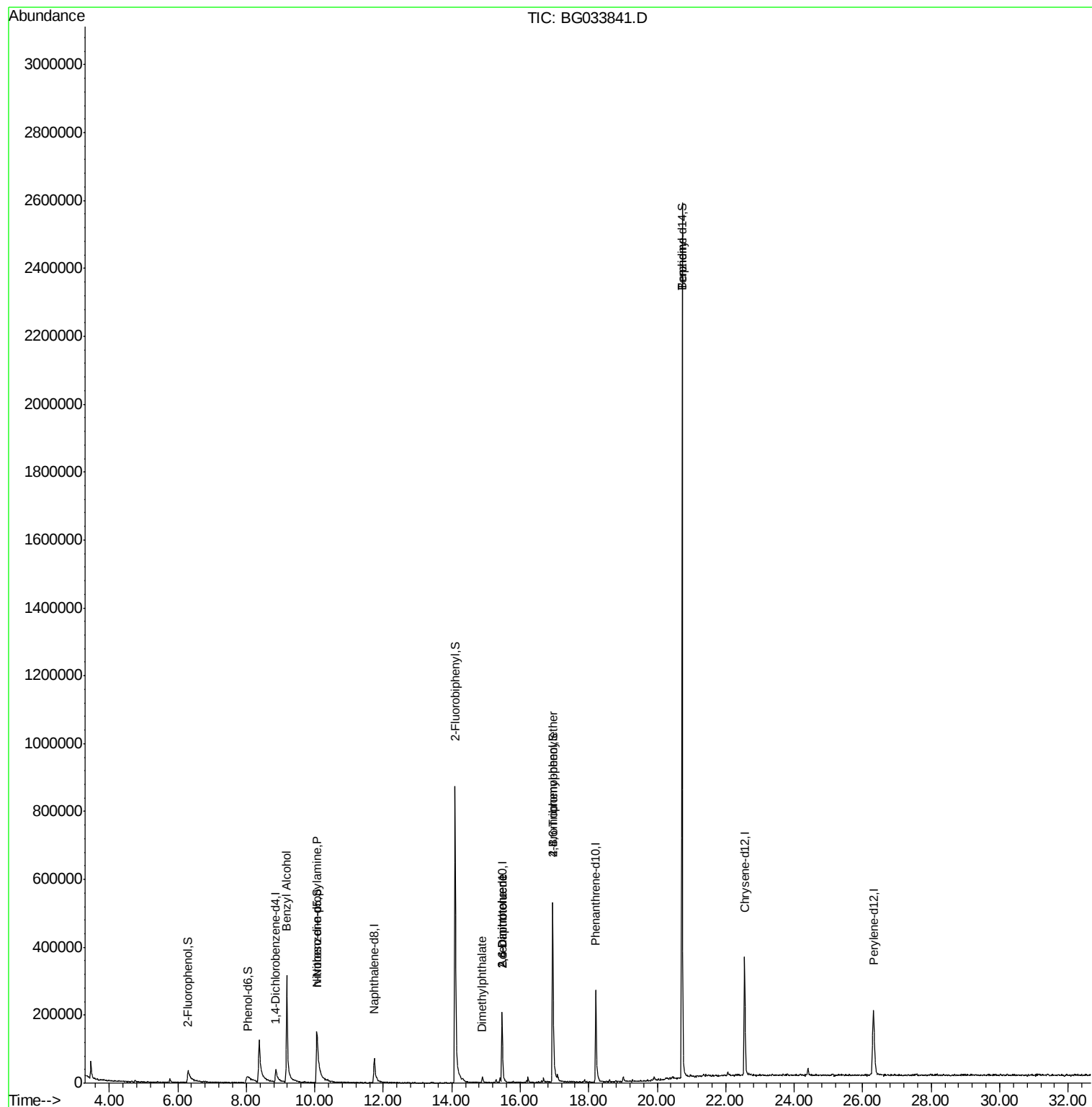
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	19608	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	110078	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	97544	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	266966	20.00	ng	0.00
75) Chrysene-d12	22.55	240	283512	20.00	ng	0.00
86) Perylene-d12	26.31	264	302992	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	31880	30.49	ng	0.02
7) Phenol-d6	8.03	99	24441	13.60	ng	0.05
23) Nitrobenzene-d5	10.07	82	244460	102.03	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	145824	99.96	ng	0.00
44) 2-Fluorobiphenyl	14.09	172	689956	102.11	ng	0.00
78) Terphenyl-d14	20.73	244	1428264	107.74	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.17	79	3875	2.739	ng	# 56
19) n-Nitroso-di-n-propylamine	10.06	70	27159	20.629	ng	# 76
49) Dimethylphthalate	14.90	163	18724	2.206	ng	# 95
50) 2,6-Dinitrotoluene	15.47	165	12065	6.951	ng	# 20
56) 2,4-Dinitrotoluene	15.47	165	12664	4.955	ng	# 18
66) 4-Bromophenyl-phenylether	16.95	248	10849	3.460	ng	# 1
76) Benizidine	20.72	184	24229	3.151	ng	# 94

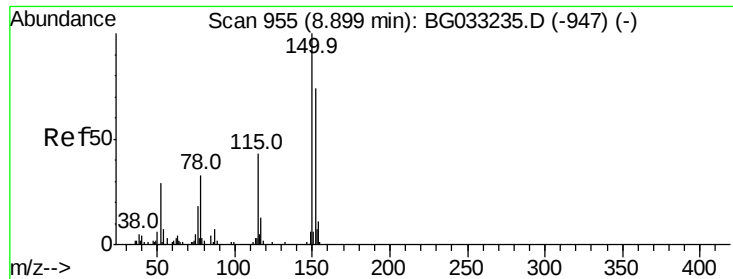
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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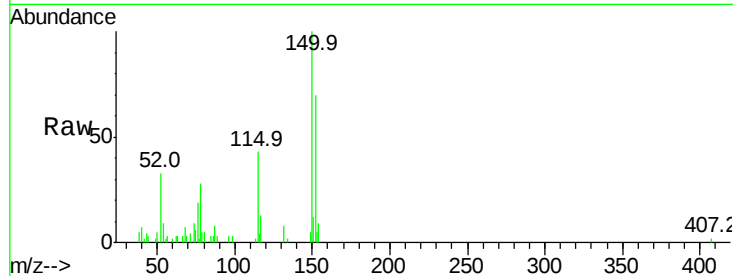


#1

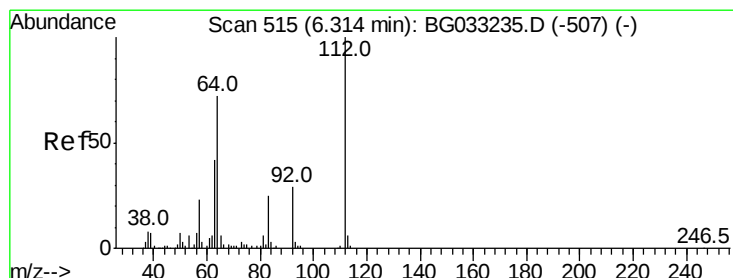
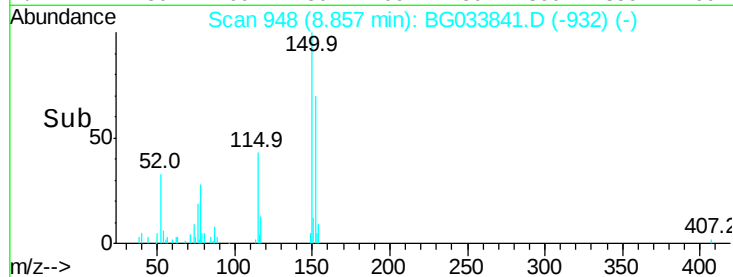
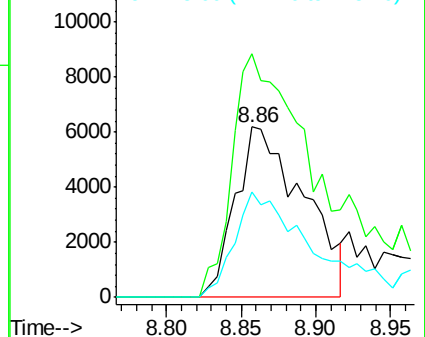
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG033841.D
Acq: 17 Apr 2018 7:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 19608
Ion Ratio Lower Upper
152 100
150 142.8 126.6 189.8
115 62.0 53.0 79.4



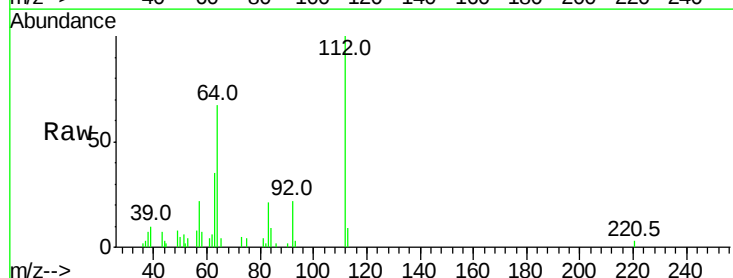
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



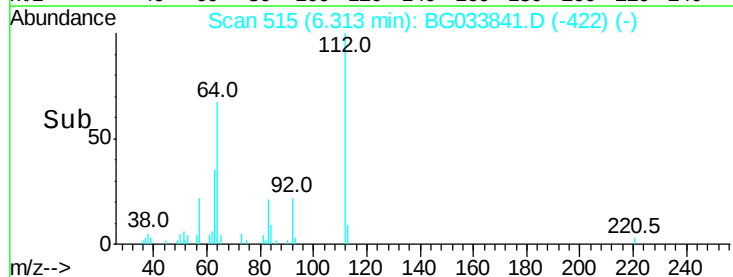
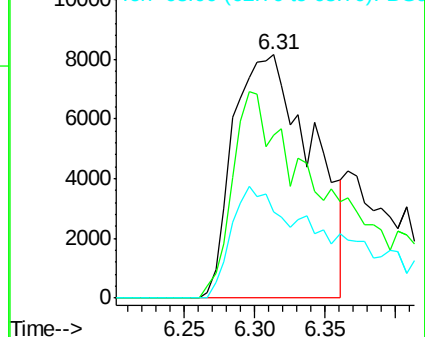
#5

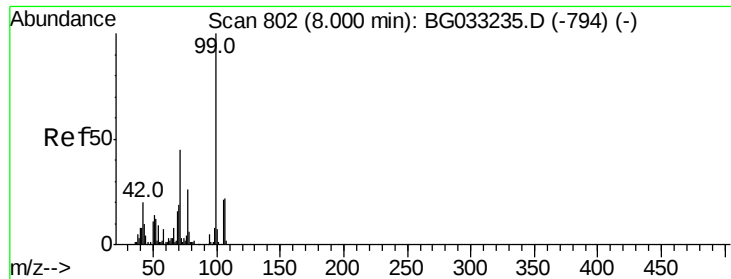
2-Fluorophenol
Concen: 30.487 ng
RT: 6.31 min Scan# 515
Delta R.T. 0.02 min
Lab File: BG033841.D
Acq: 17 Apr 2018 7:55

Tgt Ion:112 Resp: 31880
Ion Ratio Lower Upper
112 100
64 67.0 56.3 84.5
63 35.3 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: 13.603 ng

RT: 8.03 min Scan# 808

Delta R.T. 0.05 min

Lab File: BG033841.D

Acq: 17 Apr 2018 7:55

Instrument :

BNA_G

ClientSampleId :

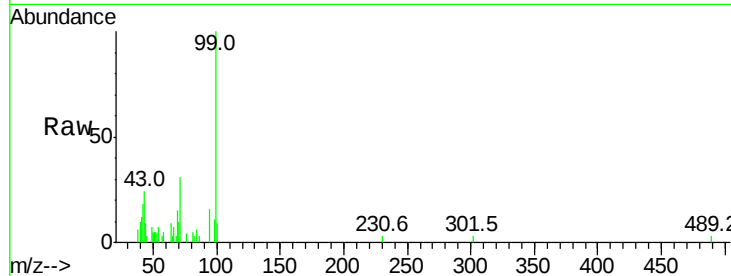
Tot Ion: 99 Resp: 24441

Ion Ratio Lower Upper

99 100

42 18.4 14.1 21.1

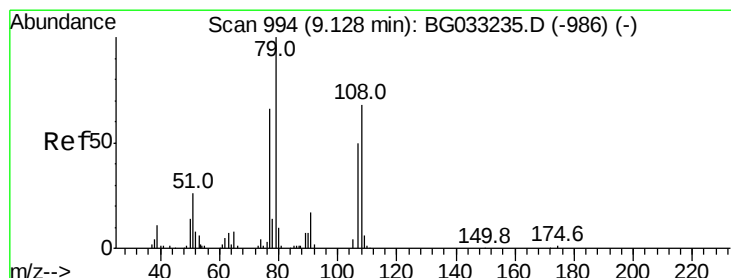
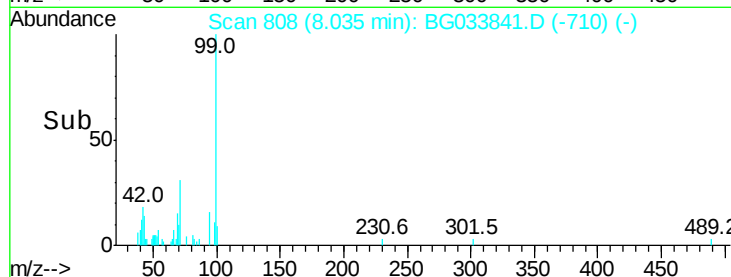
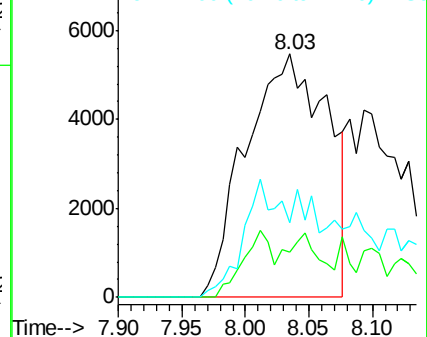
71 30.6 26.1 39.1



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: 2.739 ng

RT: 9.17 min Scan# 1002

Delta R.T. 0.06 min

Lab File: BG033841.D

Acq: 17 Apr 2018 7:55

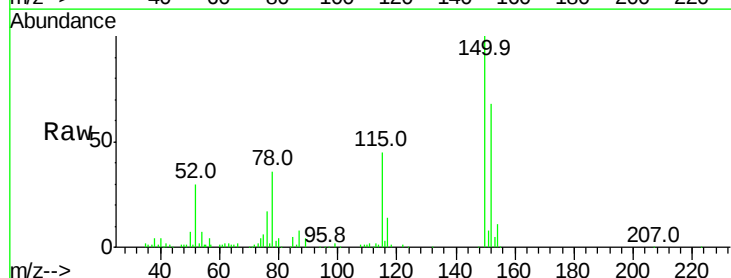
Tgt Ion: 79 Resp: 3875

Ion Ratio Lower Upper

79 100

108 18.0 57.2 85.8#

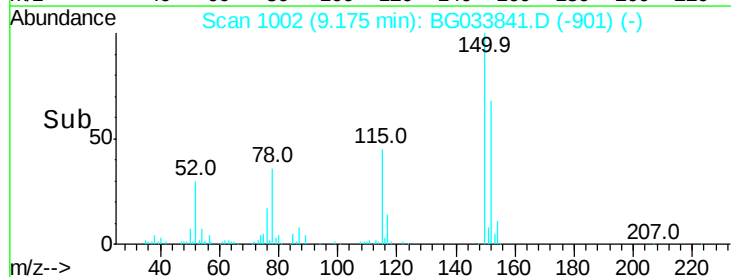
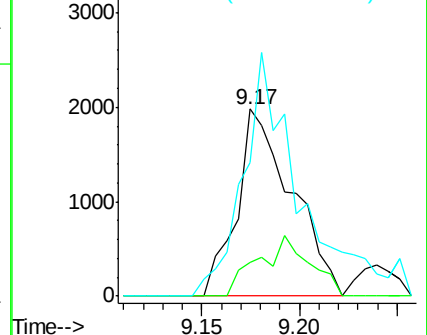
77 71.4 46.1 69.1#

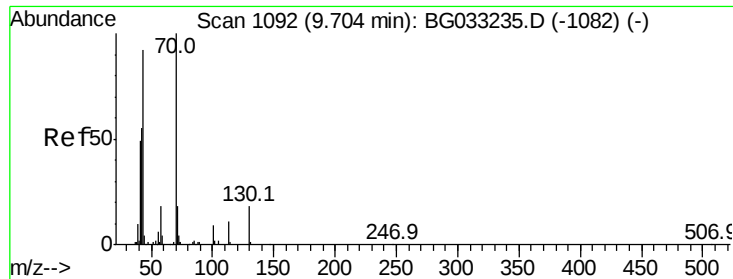


Abundance Ion 79.00 (78.70 to 79.70): BGC

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: 20.629 ng

RT: 10.06 min Scan# 1153

Delta R.T. 0.40 min

Lab File: BG033841.D

Acq: 17 Apr 2018 7:55

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 27159

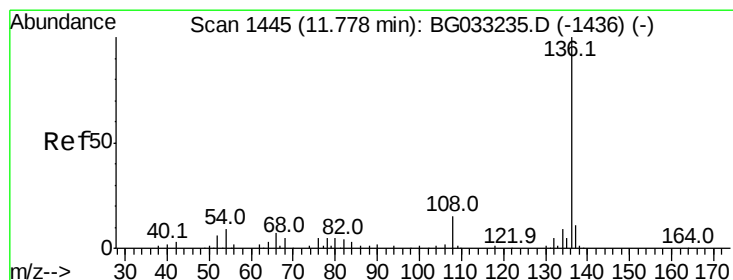
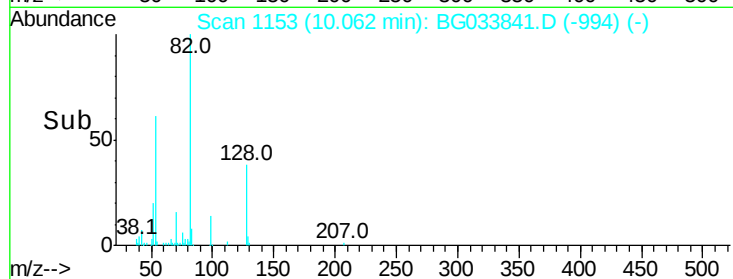
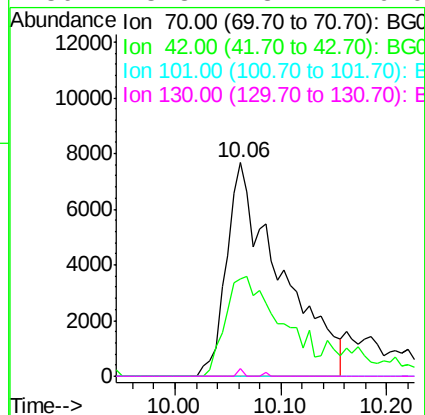
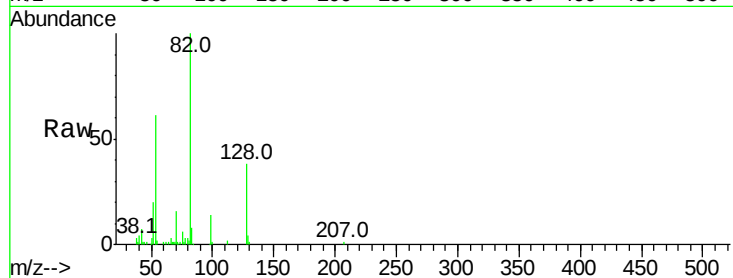
Ion Ratio Lower Upper

70 100

42 45.3 49.1 73.7#

101 0.0 8.5 12.7#

130 3.3 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: BG033841.D

Acq: 17 Apr 2018 7:55

Tgt Ion: 136 Resp: 110078

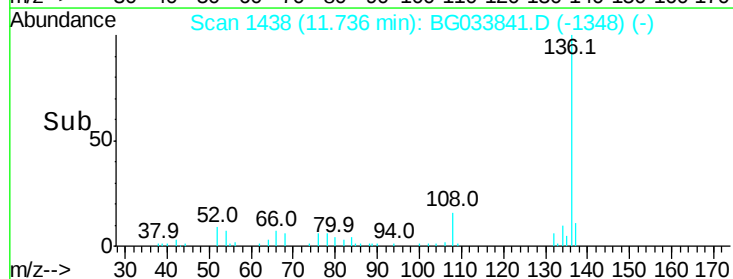
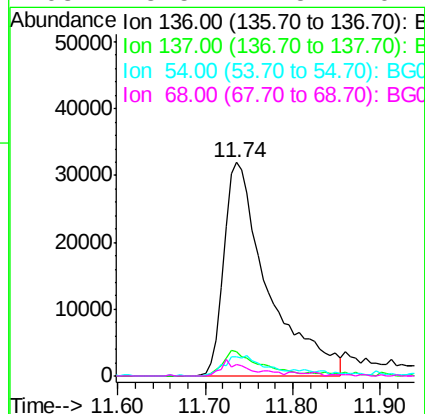
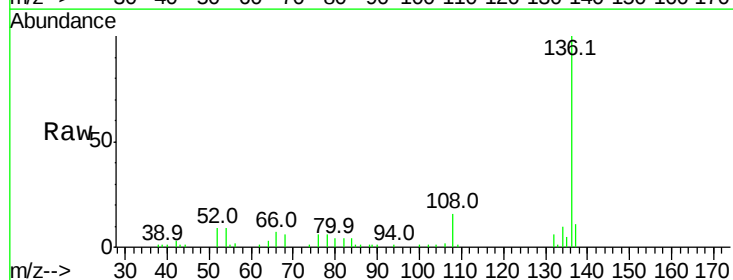
Ion Ratio Lower Upper

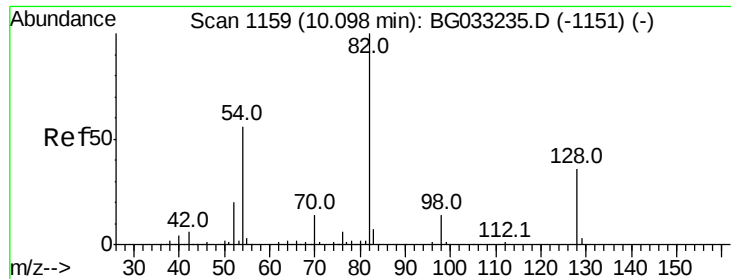
136 100

137 11.3 9.2 13.8

54 8.7 10.3 15.5#

68 5.5 4.5 6.7

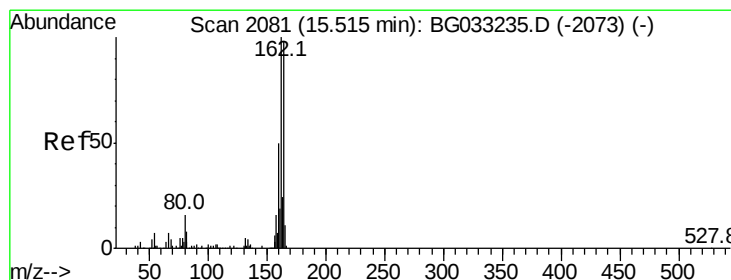
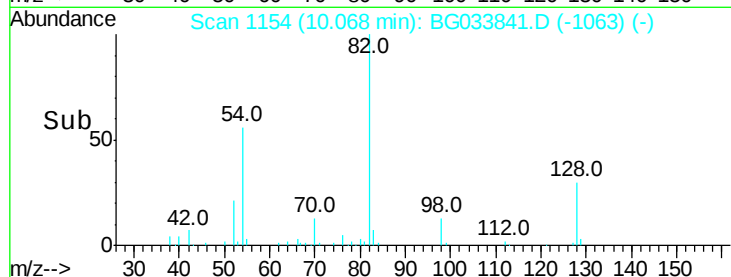
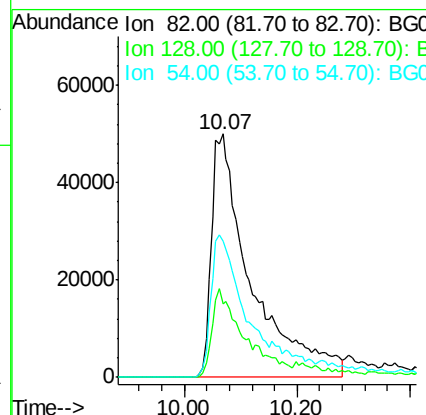
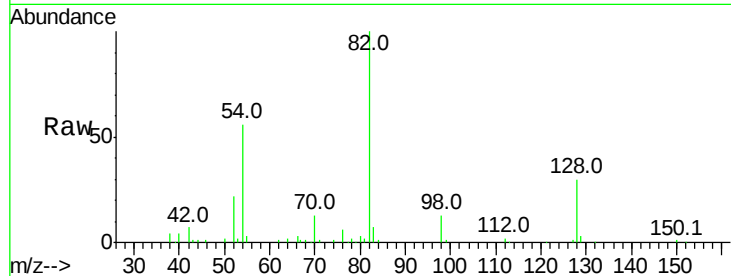




#23
 Nitrobenzene-d5
 Concen: 102.032 ng
 RT: 10.07 min Scan# 1154
 Delta R.T. 0.01 min
 Lab File: BG033841.D
 Acq: 17 Apr 2018 7:55

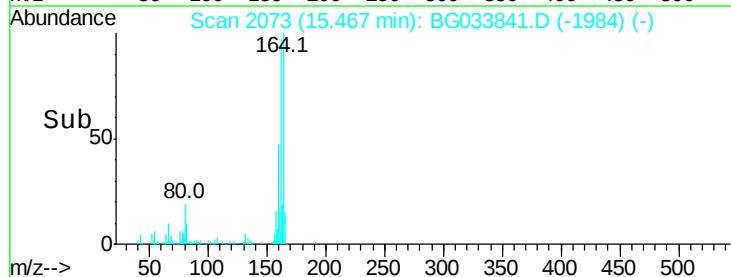
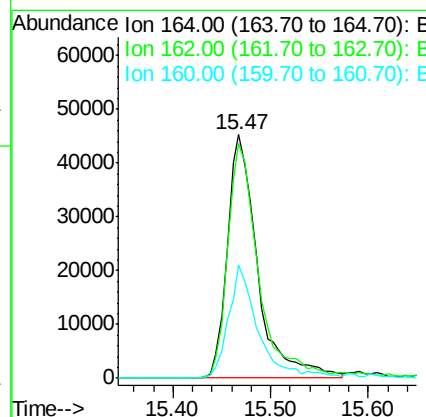
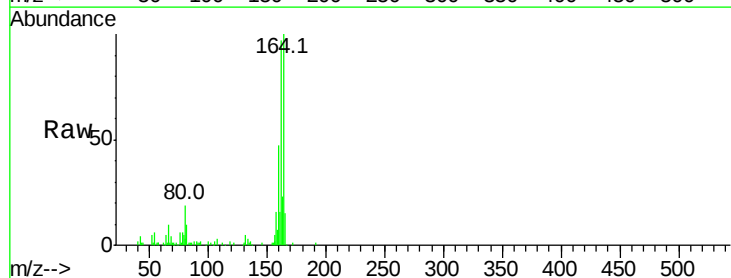
Instrument :
 BNA_G
 ClientSampleId :

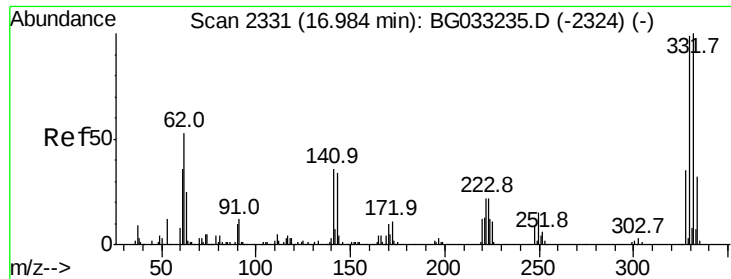
Tot Ion: 82 Resp: 244460
 Ion Ratio Lower Upper
 82 100
 128 30.2 29.7 44.5
 54 55.8 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. -0.01 min
 Lab File: BG033841.D
 Acq: 17 Apr 2018 7:55

Tgt Ion:164 Resp: 97544
 Ion Ratio Lower Upper
 164 100
 162 96.6 78.8 118.2
 160 46.6 35.4 53.0

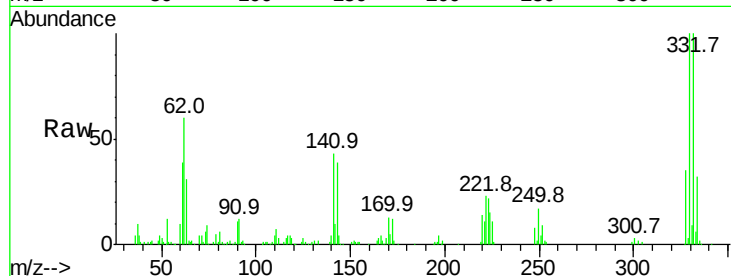




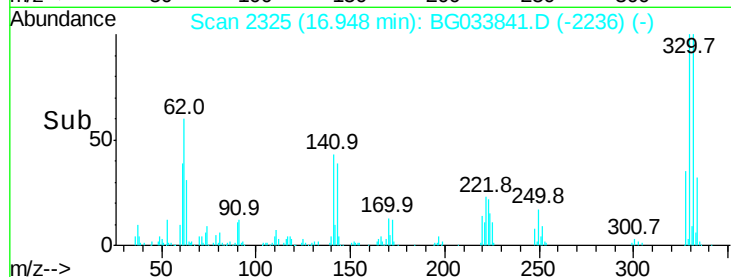
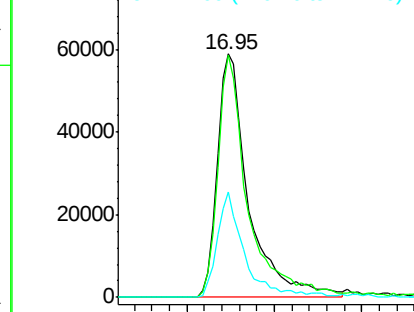
#41
 2,4,6-Tribromophenol
 Concen: 99.956 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.01 min
 Lab File: BG033841.D
 Acq: 17 Apr 2018 7:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	37.9	25.2	37.8#

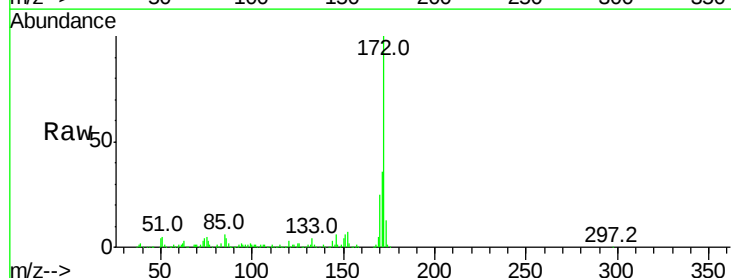


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

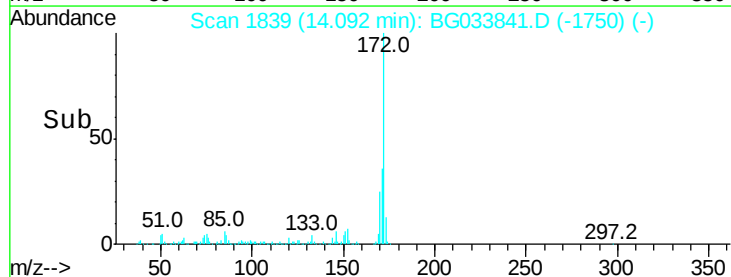
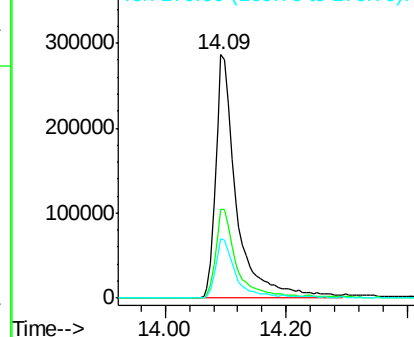


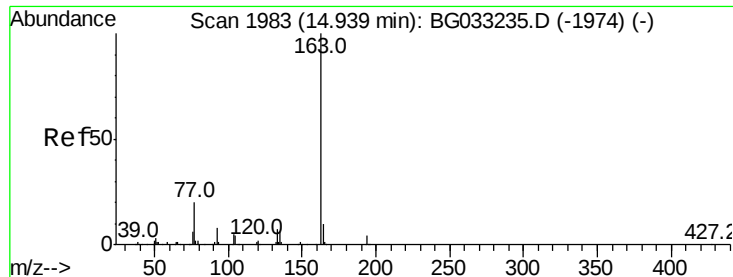
#44
 2-Fluorobiphenyl
 Concen: 102.112 ng
 RT: 14.09 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BG033841.D
 Acq: 17 Apr 2018 7:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	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: 2.206 ng

RT: 14.90 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG033841.D

Acq: 17 Apr 2018 7:55

Instrument :

BNA_G

ClientSampleId :

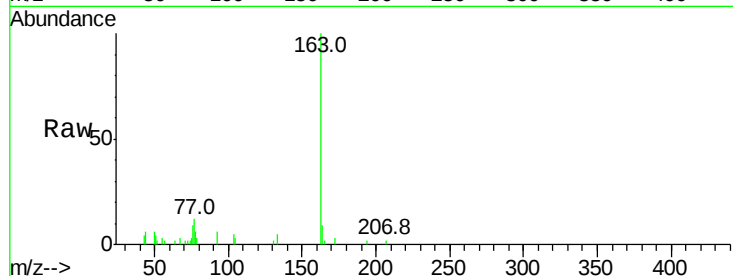
Tot Ion:163 Resp: 18724

Ion Ratio Lower Upper

163 100

194 2.4 3.4 5.2#

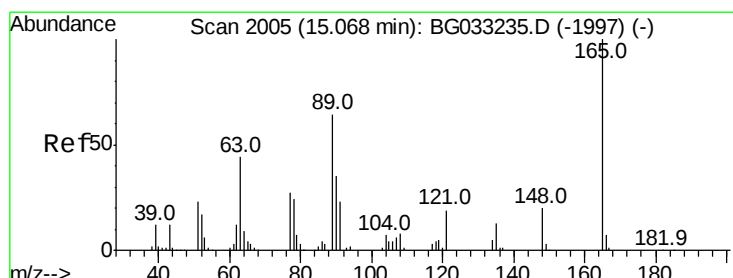
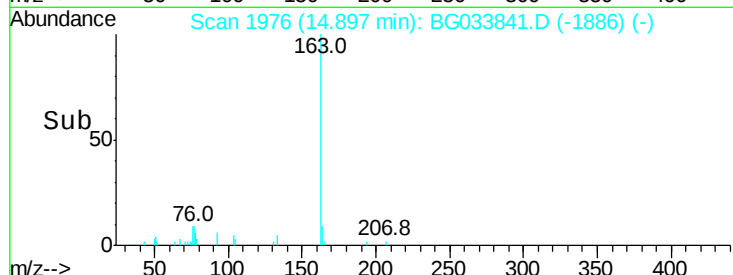
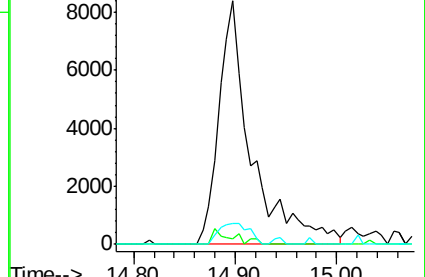
164 8.7 8.2 12.4



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: 6.951 ng

RT: 15.47 min Scan# 2073

Delta R.T. 0.43 min

Lab File: BG033841.D

Acq: 17 Apr 2018 7:55

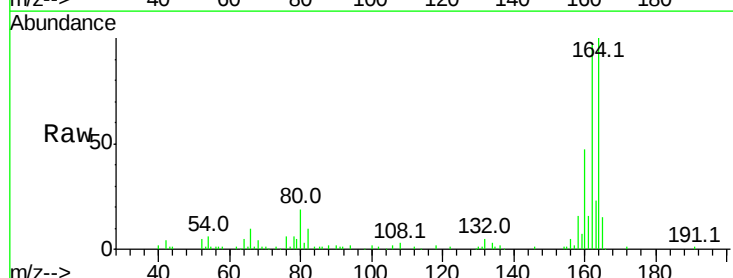
Tgt Ion:165 Resp: 12065

Ion Ratio Lower Upper

165 100

63 2.4 52.7 79.1#

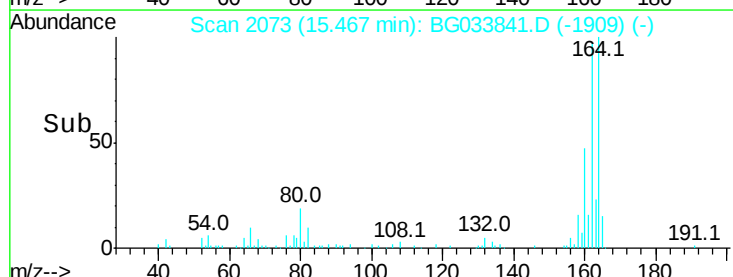
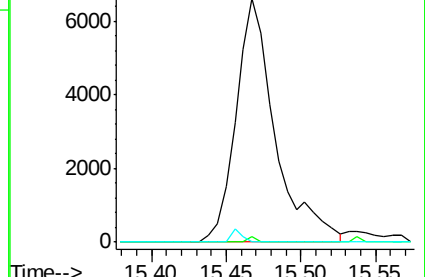
89 0.0 49.2 73.8#



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: 4.955 ng

RT: 15.47 min Scan# 2073

Delta R.T. -0.35 min

Lab File: BG033841.D

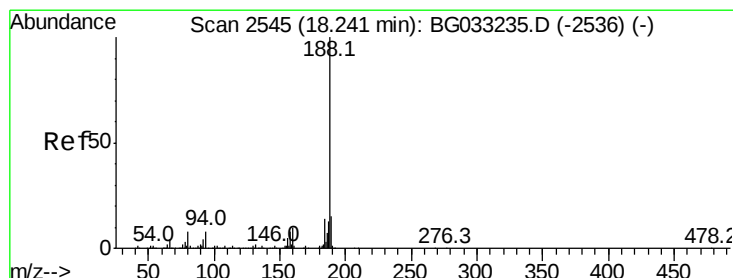
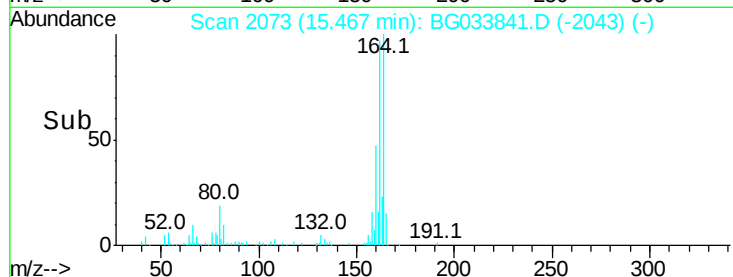
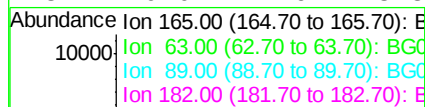
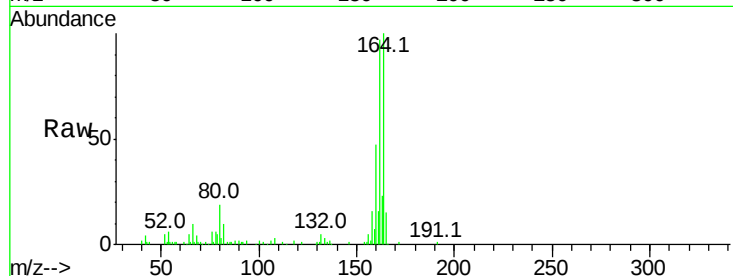
Acq: 17 Apr 2018 7:55

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165	Resp:	12664
Ion Ratio	Lower	Upper
165	100	
63	2.4	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

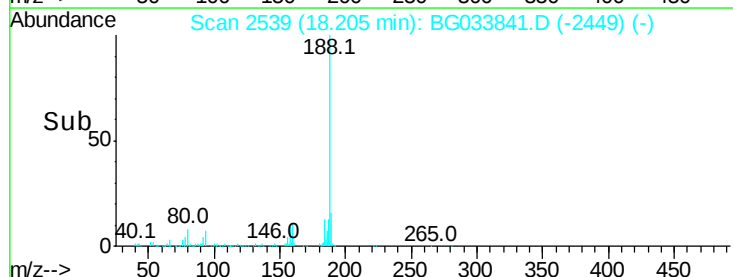
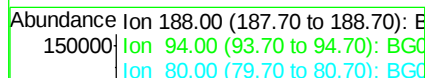
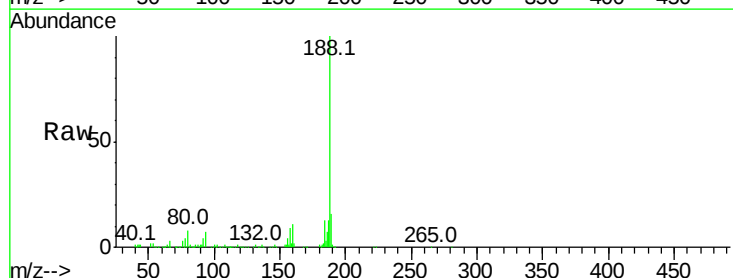
RT: 18.21 min Scan# 2539

Delta R.T. -0.00 min

Lab File: BG033841.D

Acq: 17 Apr 2018 7:55

Tgt Ion:188	Resp:	266966
Ion Ratio	Lower	Upper
188	100	
94	6.5	6.9 10.3#
80	7.8	7.7 11.5

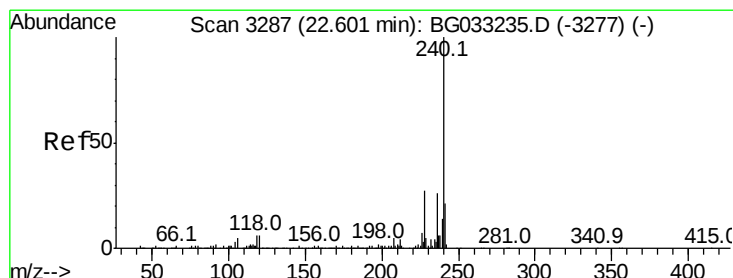
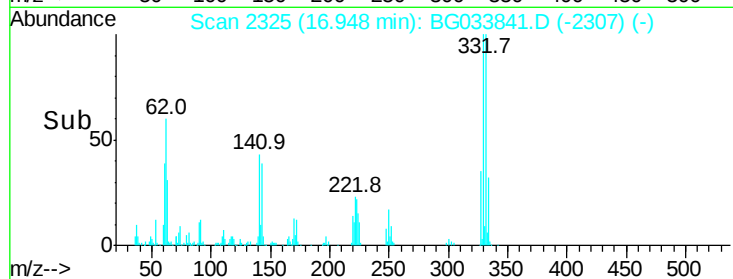
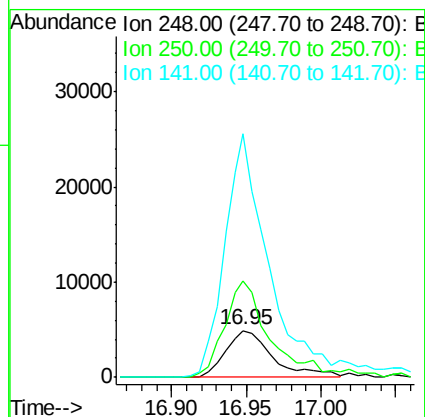
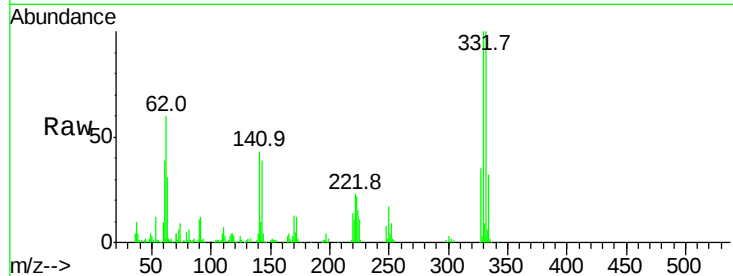




#66
4-Bromophenyl-phenylether
Concen: 3.460 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.42 min
Lab File: BG033841.D
Acq: 17 Apr 2018 7:55

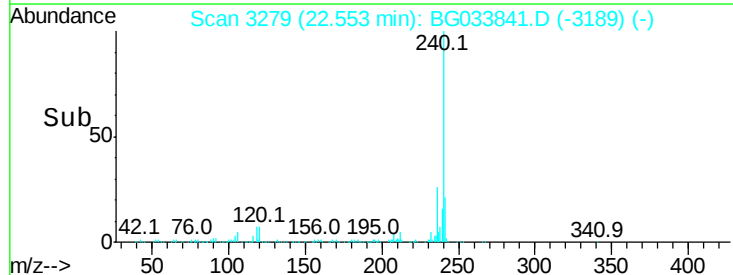
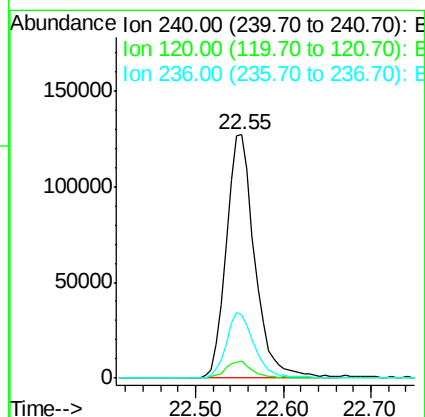
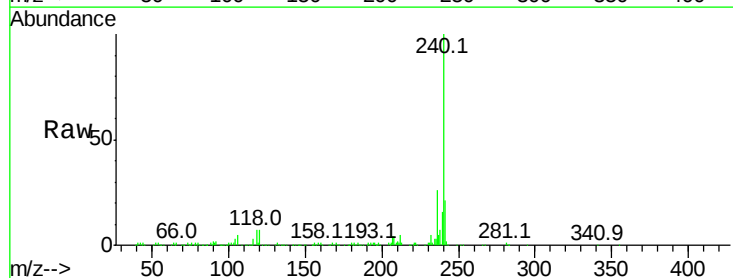
Instrument :
BNA_G
ClientSampleId :

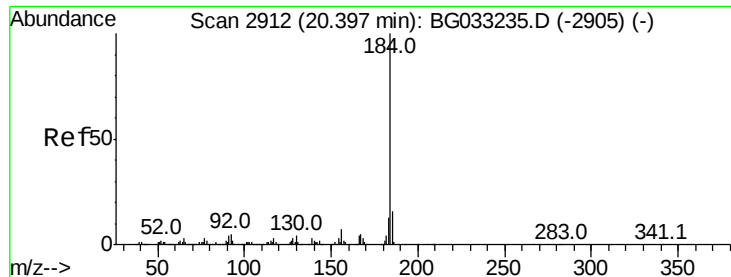
Tot Ion:248 Resp: 10849
Ion Ratio Lower Upper
248 100
250 204.4 77.1 115.7#
141 518.6 50.8 76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.00 min
Lab File: BG033841.D
Acq: 17 Apr 2018 7:55

Tgt Ion:240 Resp: 283512
Ion Ratio Lower Upper
240 100
120 7.0 6.8 10.2
236 25.7 20.9 31.3





#76

Benzidine

Concen: 3.151 ng

RT: 20.72 min Scan# 2967

Delta R.T. 0.35 min

Lab File: BG033841.D

Acq: 17 Apr 2018 7:55

Instrument :

BNA_G

ClientSampleId :

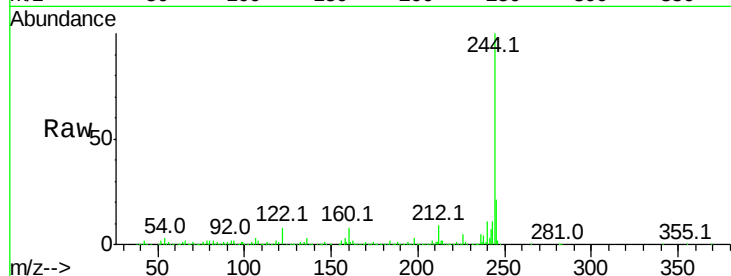
Tot Ion:184 Resp: 24229

Ion Ratio Lower Upper

184 100

185 14.6 11.1 16.7

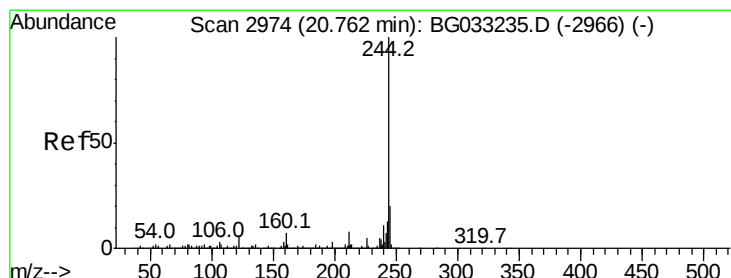
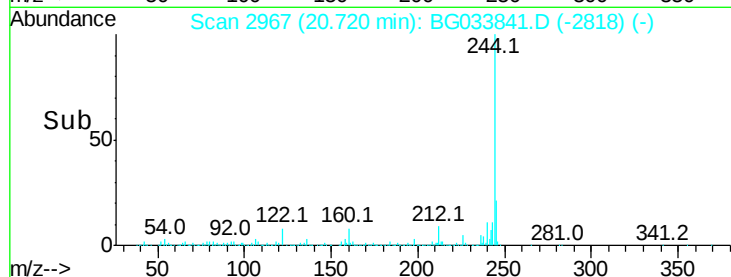
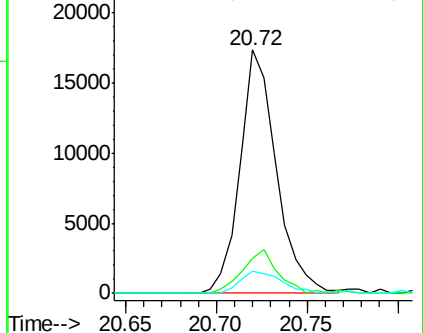
183 9.0 10.6 16.0#



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: 107.738 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.00 min

Lab File: BG033841.D

Acq: 17 Apr 2018 7:55

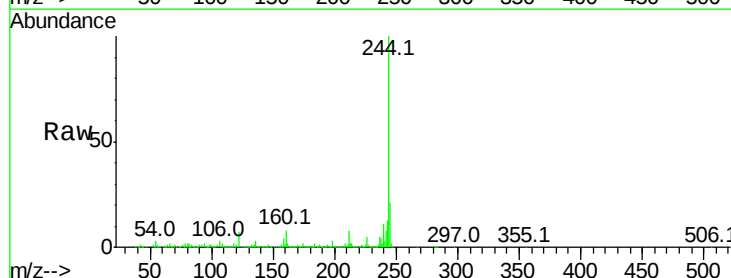
Tgt Ion:244 Resp: 1428264

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

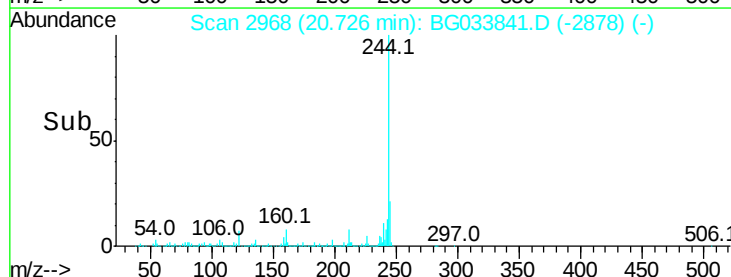
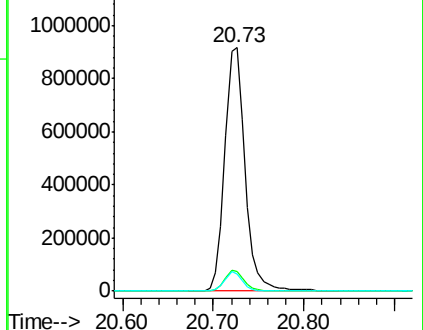
122 7.2 7.0 10.4



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

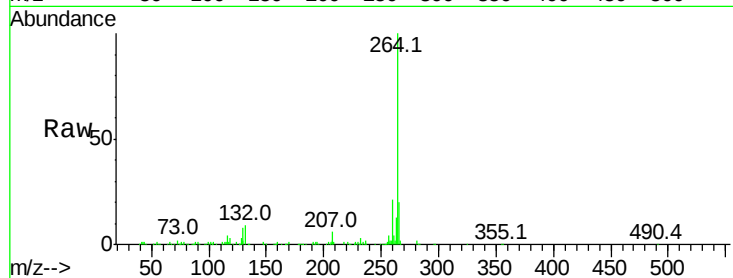




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.31 min Scan# 3919
 Delta R.T. -0.01 min
 Lab File: BG033841.D
 Acq: 17 Apr 2018 7:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.3	17.4	26.0
265	20.4	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

