

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041018\
 Data File : BG033738.D
 Acq On : 11 Apr 2018 8:09
 Operator : SJ/JU
 Sample : J2306-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 11 08:46:09 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 16:51:36 2018
 Response via : Initial Calibration

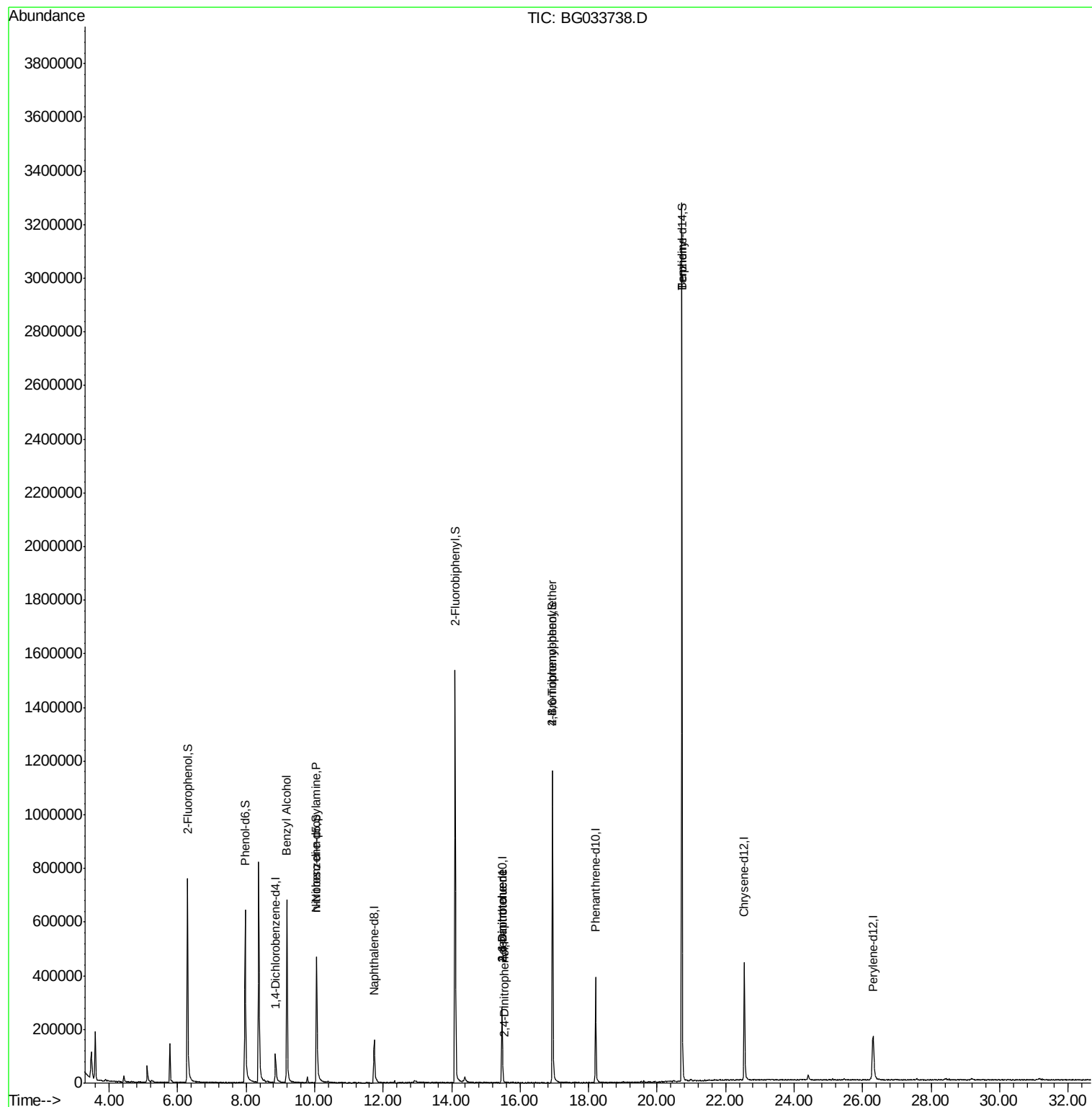
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	38953	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	162542	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	107335	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	287545	20.00	ng	0.00
75) Chrysene-d12	22.54	240	314544	20.00	ng	0.00
86) Perylene-d12	26.30	264	211518	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	352269	169.58	ng	0.00
7) Phenol-d6	7.97	99	444708	124.59	ng	0.00
23) Nitrobenzene-d5	10.05	82	382465	108.11	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	235308	146.58	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	850816	114.43	ng	0.00
78) Terphenyl-d14	20.72	244	1567062	106.55	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	7006	2.493	ng	# 40
19) n-Nitroso-di-n-propylamine	10.05	70	50541	19.324	ng	# 77
50) 2,6-Dinitrotoluene	15.47	165	12941	6.775	ng	# 18
53) 2,4-Dinitrophenol	15.54	184	75	7.711	ng	# 52
56) 2,4-Dinitrotoluene	15.47	165	12941	4.602	ng	# 16
66) 4-Bromophenyl-phenylether	16.95	248	18067	5.350	ng	# 1
76) Benzidine	20.72	184	27176	3.186	ng	# 92

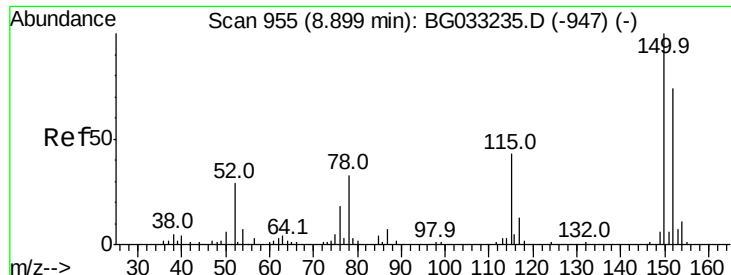
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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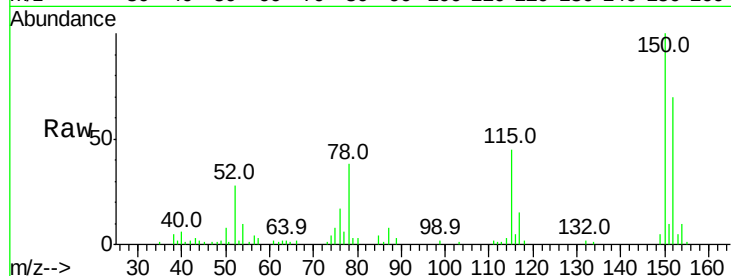


#1

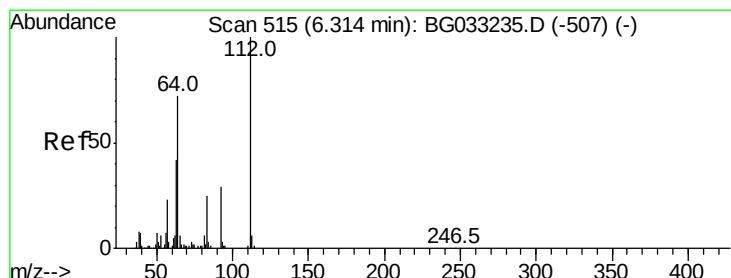
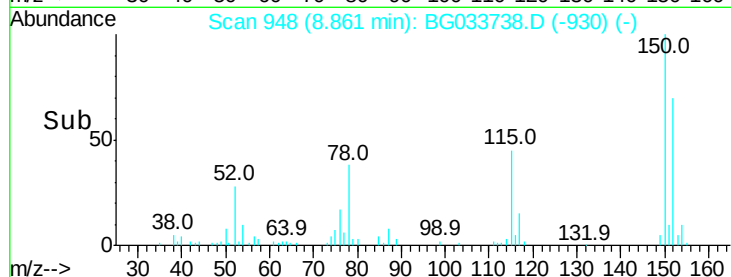
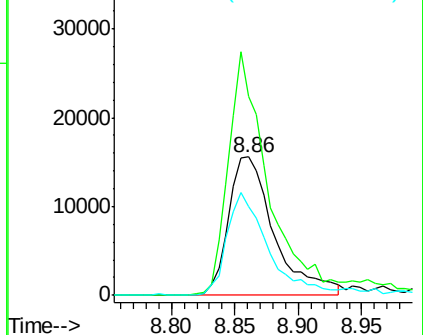
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG033738.D
Acq: 11 Apr 2018 8:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.8	126.6	189.8
115	64.3	53.0	79.4



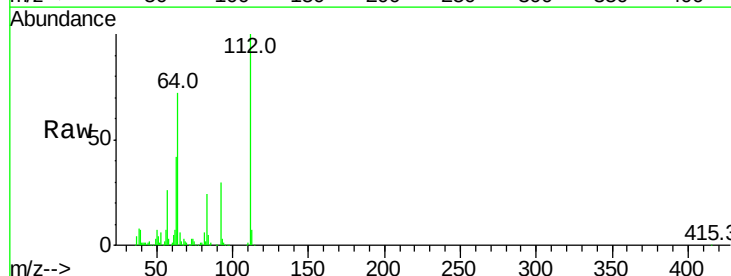
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



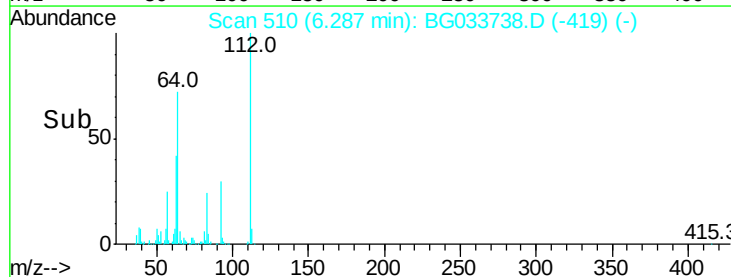
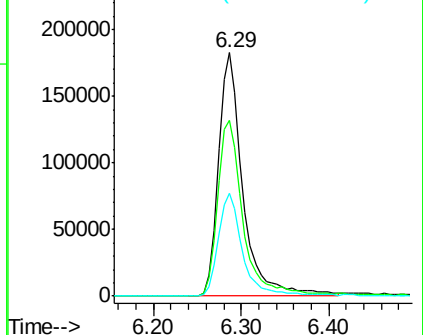
#5

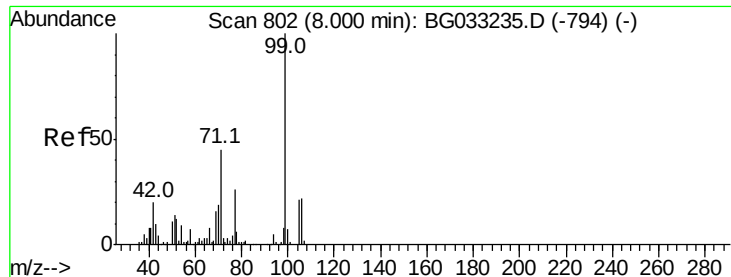
2-Fluorophenol
Concen: 169.575 ng
RT: 6.29 min Scan# 510
Delta R.T. 0.00 min
Lab File: BG033738.D
Acq: 11 Apr 2018 8:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.0	56.3	84.5
63	42.3	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: 124.591 ng

RT: 7.97 min Scan# 796

Delta R.T. -0.00 min

Lab File: BG033738.D

Acq: 11 Apr 2018 8:09

Instrument :

BNA_G

ClientSampled :

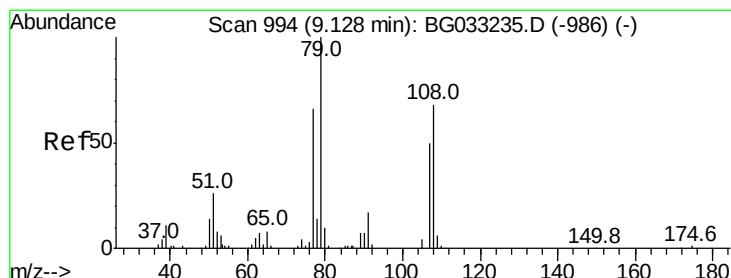
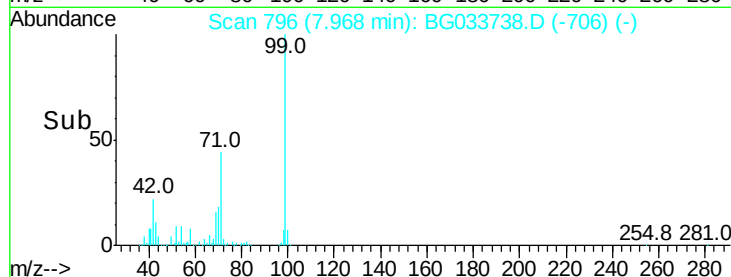
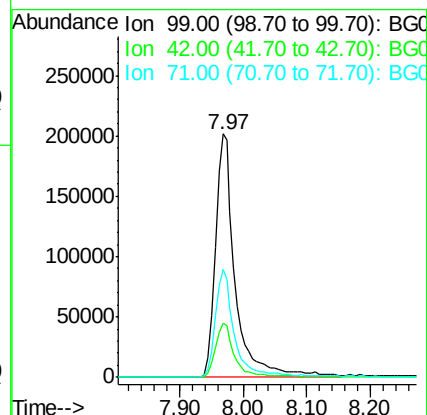
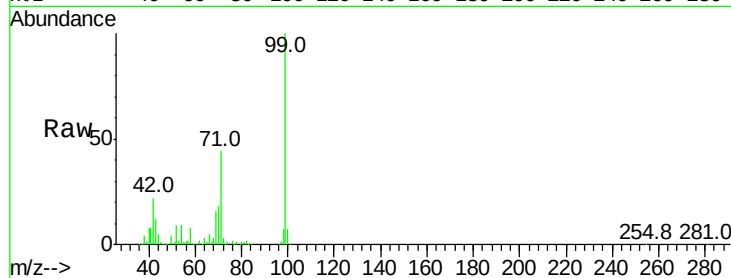
Tot Ion: 99 Resp: 444708

Ion Ratio Lower Upper

99 100

42 22.3 14.1 21.1#

71 44.5 26.1 39.1#



#15

Benzyl Alcohol

Concen: 2.493 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.10 min

Lab File: BG033738.D

Acq: 11 Apr 2018 8:09

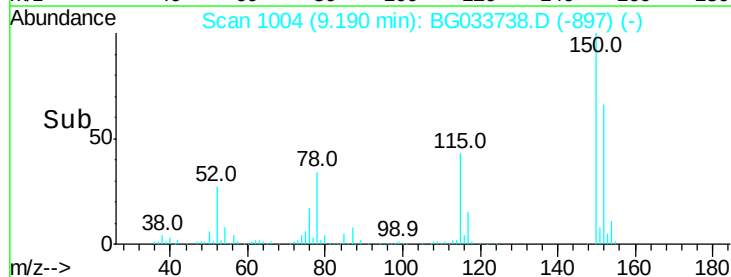
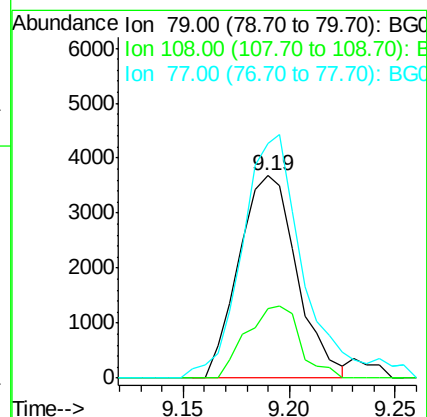
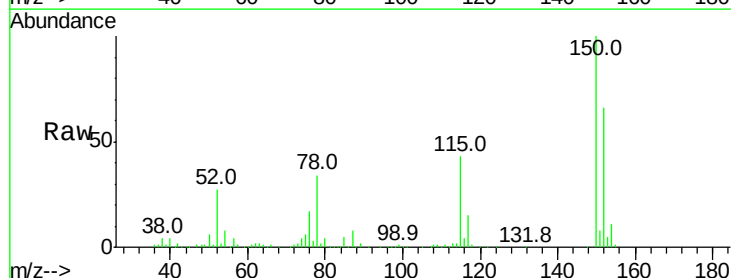
Tgt Ion: 79 Resp: 7006

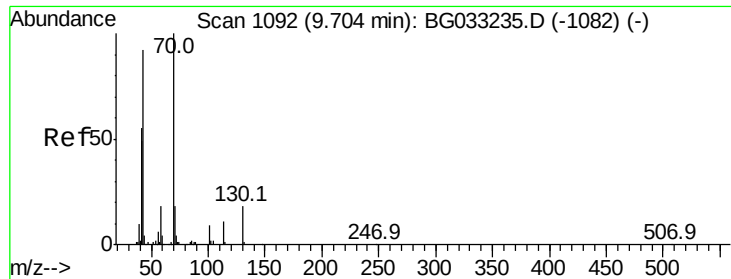
Ion Ratio Lower Upper

79 100

108 34.5 57.2 85.8#

77 115.7 46.1 69.1#

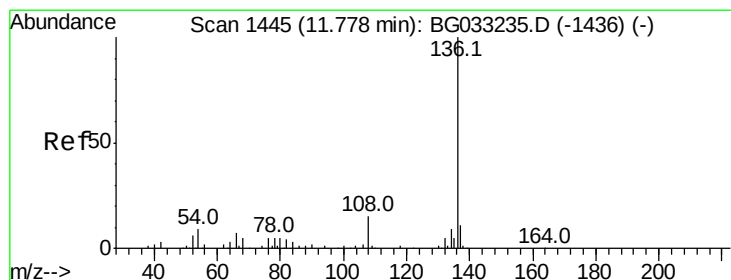
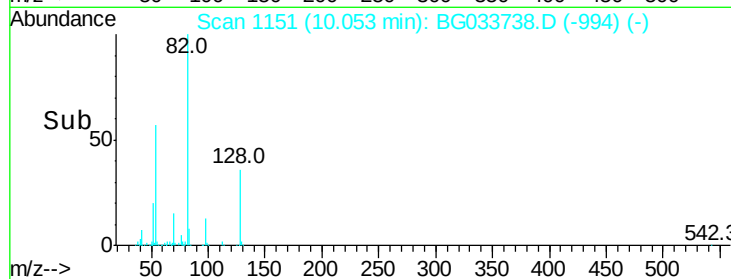
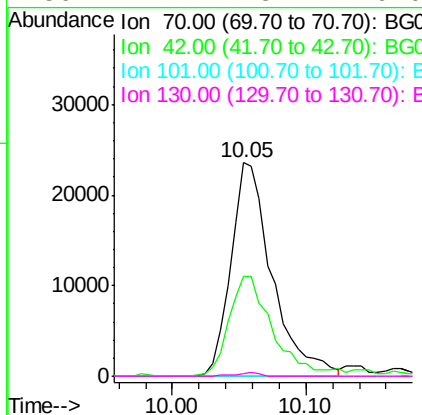
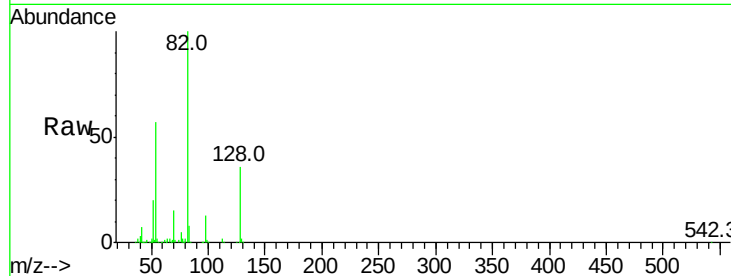




#19
n-Nitroso-di-n-propylamine
Concen: 19.324 ng
RT: 10.05 min Scan# 1151
Delta R.T. 0.39 min
Lab File: BG033738.D
Acq: 11 Apr 2018 8:09

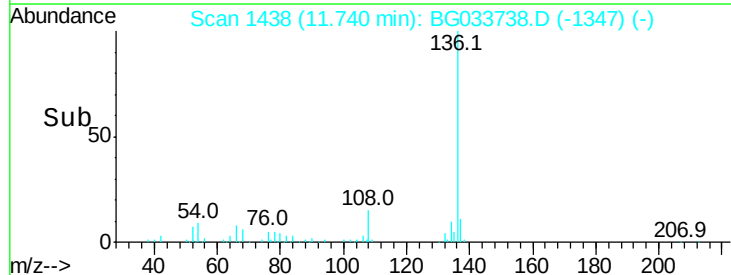
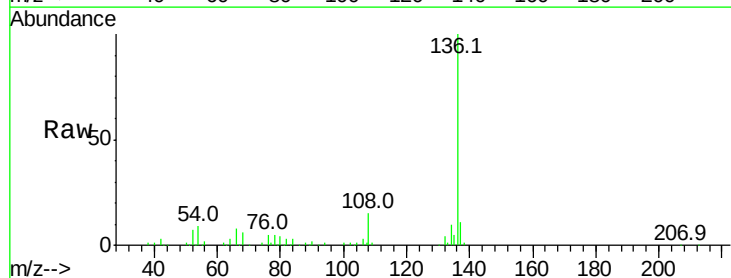
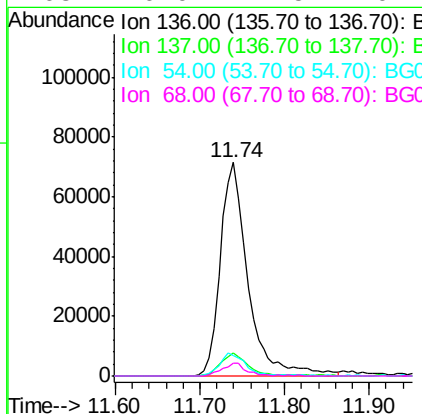
Instrument :
BNA_G
ClientSampleId :

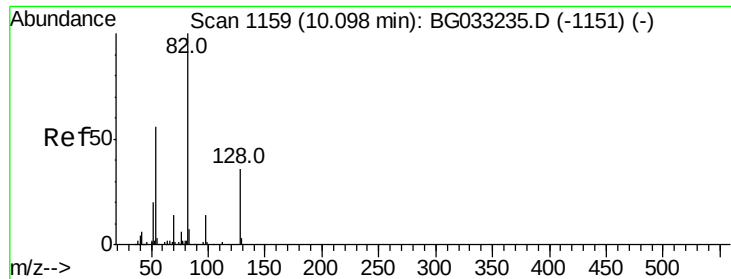
Tot Ion: 70 Resp: 50541
Ion Ratio Lower Upper
70 100
42 46.7 49.1 73.7#
101 0.0 8.5 12.7#
130 1.1 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BG033738.D
Acq: 11 Apr 2018 8:09

Tgt Ion: 136 Resp: 162542
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 9.3 10.3 15.5#
68 6.0 4.5 6.7

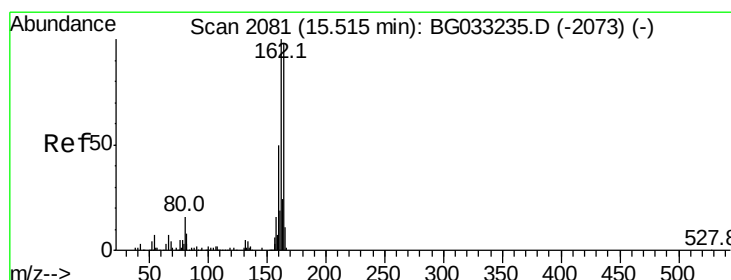
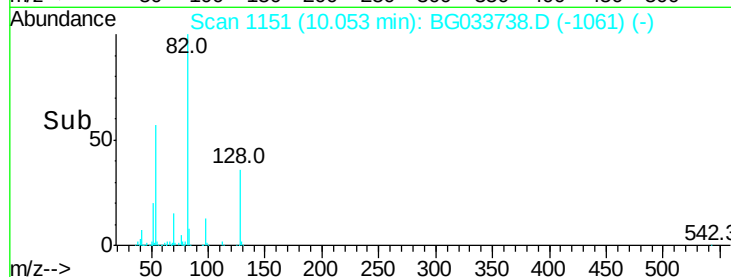
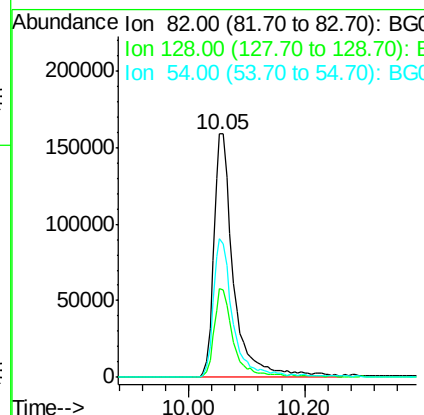
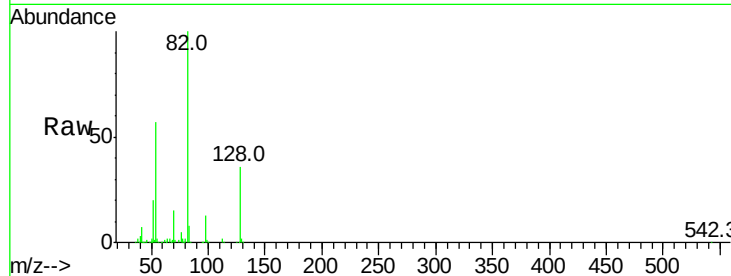




#23
 Nitrobenzene-d5
 Concen: 108.107 ng
 RT: 10.05 min Scan# 1151
 Delta R.T. -0.00 min
 Lab File: BG033738.D
 Acq: 11 Apr 2018 8:09

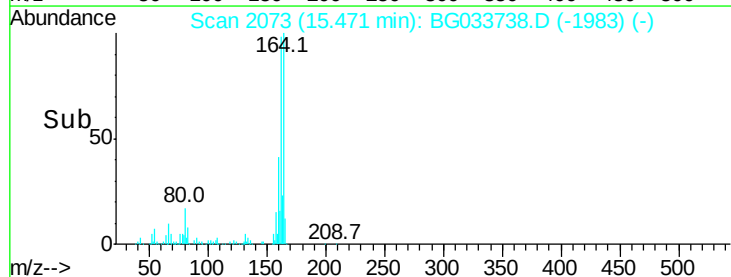
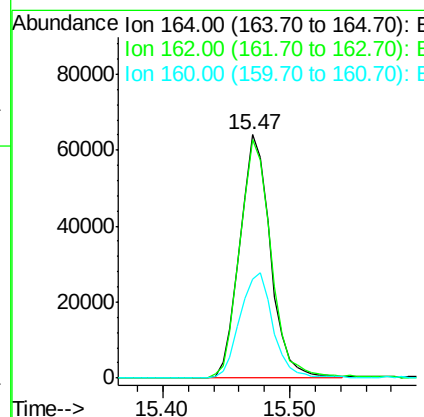
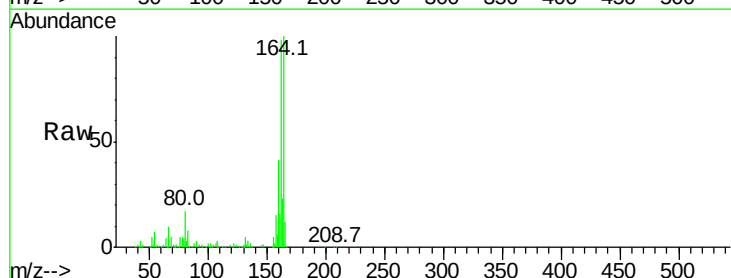
Instrument :
 BNA_G
 ClientSampleId :

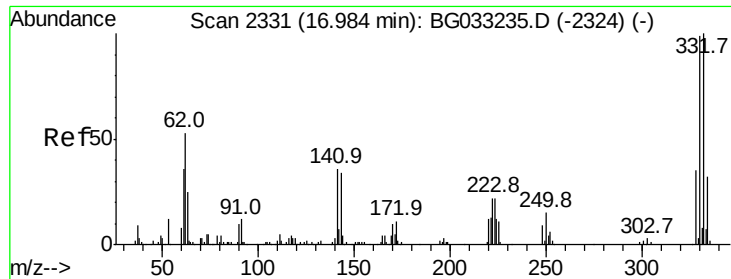
Tot Ion	82	Resp	382465
Ion	Ratio	Lower	Upper
82	100		
128	36.2	29.7	44.5
54	57.1	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. -0.00 min
 Lab File: BG033738.D
 Acq: 11 Apr 2018 8:09

Tgt Ion	164	Resp	107335
Ion	Ratio	Lower	Upper
164	100		
162	98.0	78.8	118.2
160	40.8	35.4	53.0

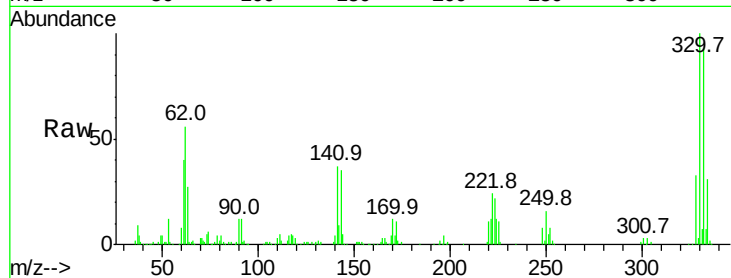




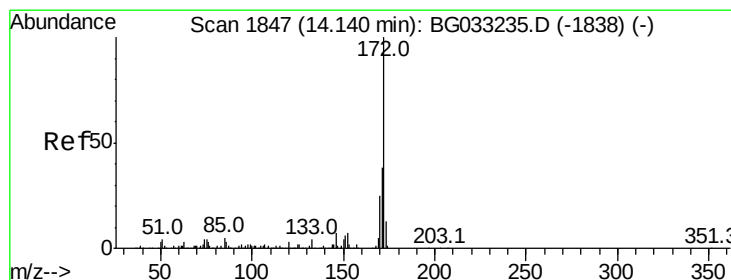
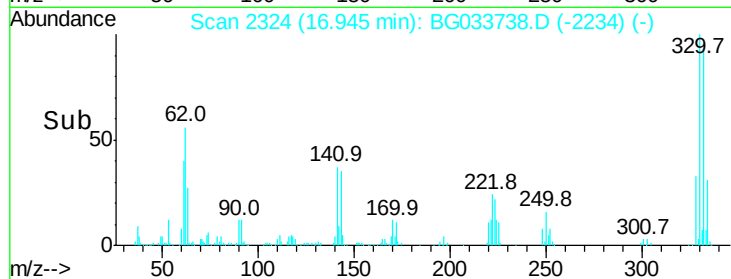
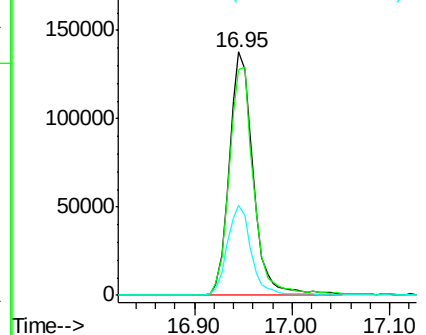
#41
 2,4,6-Tribromophenol
 Concen: 146.580 ng
 RT: 16.95 min Scan# 2324
 Delta R.T. -0.00 min
 Lab File: BG033738.D
 Acq: 11 Apr 2018 8:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	37.0	25.2	37.8

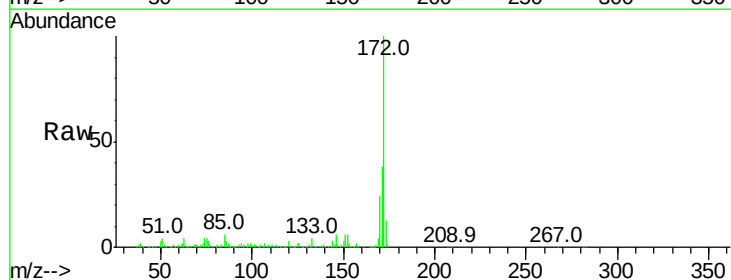


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

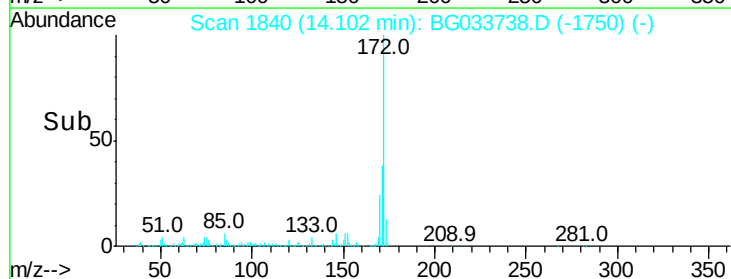
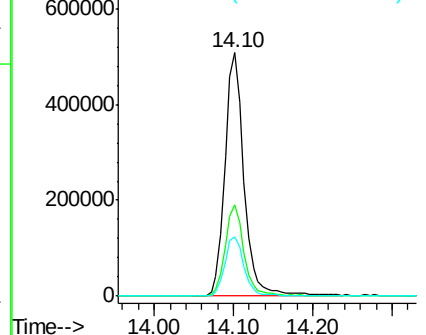


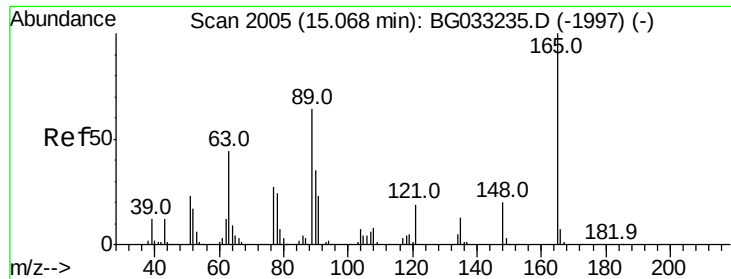
#44
 2-Fluorobiphenyl
 Concen: 114.433 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BG033738.D
 Acq: 11 Apr 2018 8:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	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

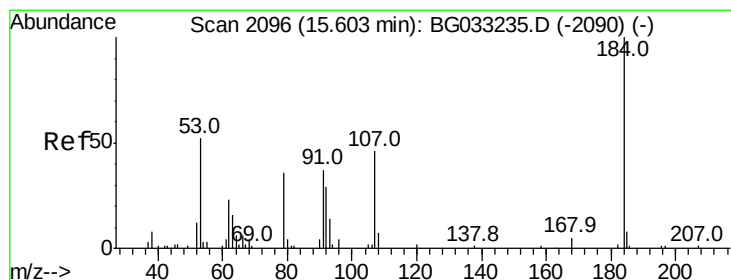
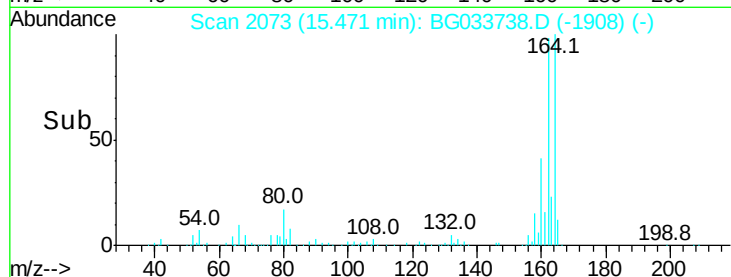
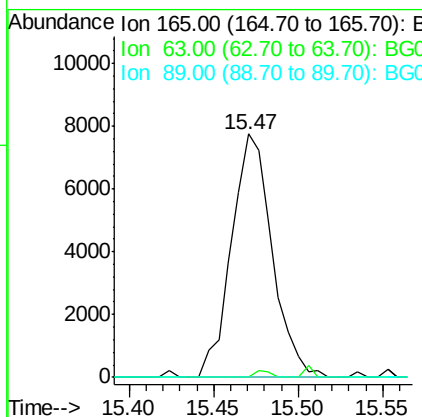
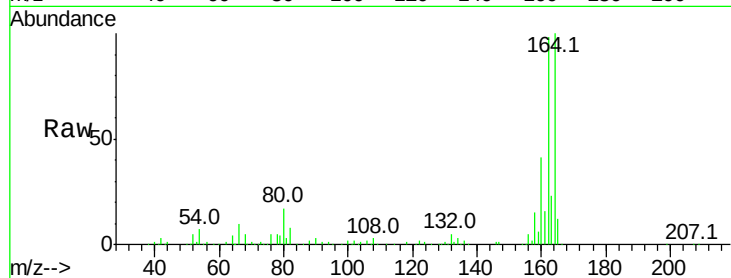




#50
 2,6-Dinitrotoluene
 Concen: 6.775 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. 0.44 min
 Lab File: BG033738.D
 Acq: 11 Apr 2018 8:09

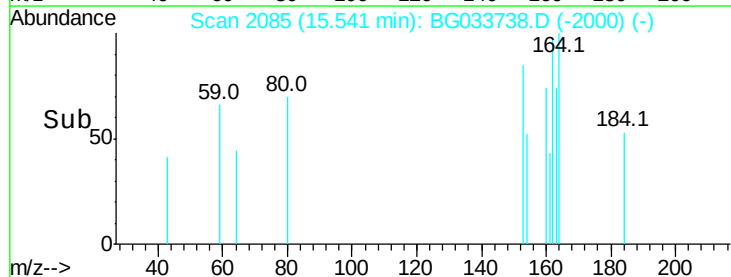
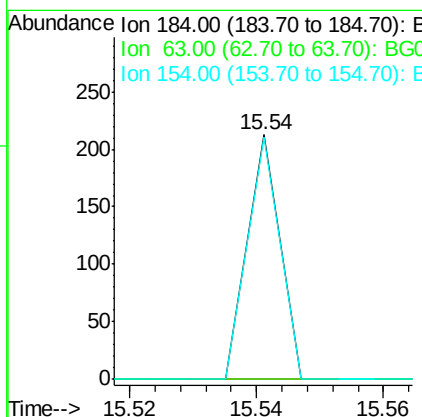
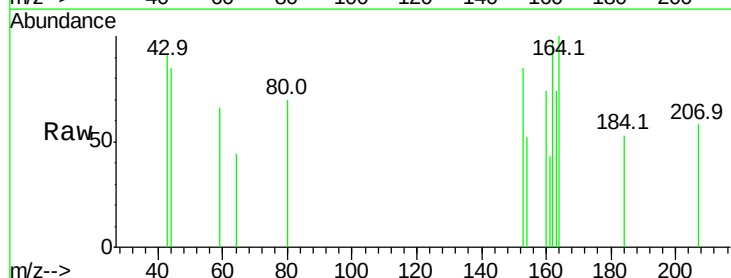
Instrument :
 BNA_G
 ClientSampleId :

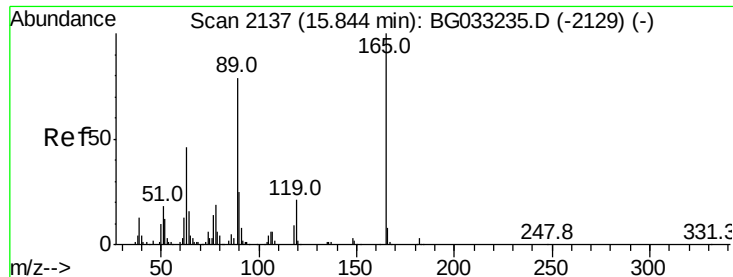
Tot Ion:165 Resp: 12941
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#



#53
 2,4-Dinitrophenol
 Concen: 7.711 ng
 RT: 15.54 min Scan# 2085
 Delta R.T. -0.03 min
 Lab File: BG033738.D
 Acq: 11 Apr 2018 8:09

Tgt Ion:184 Resp: 75
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 99.1 101.8 152.8#

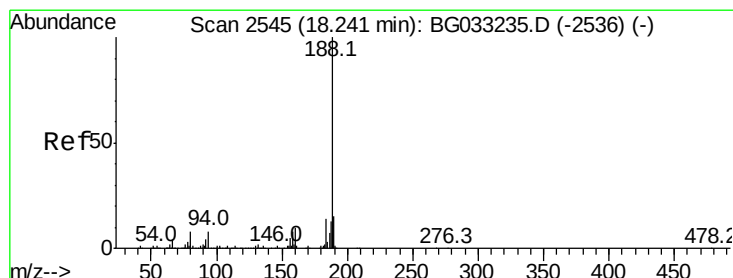
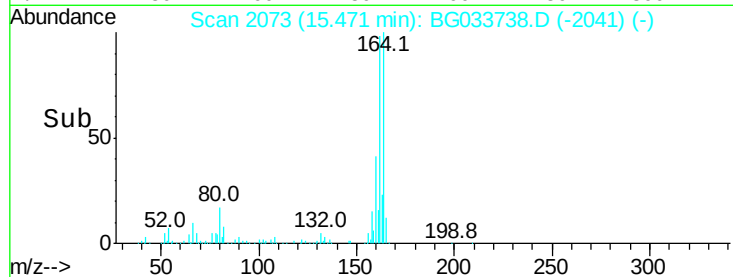
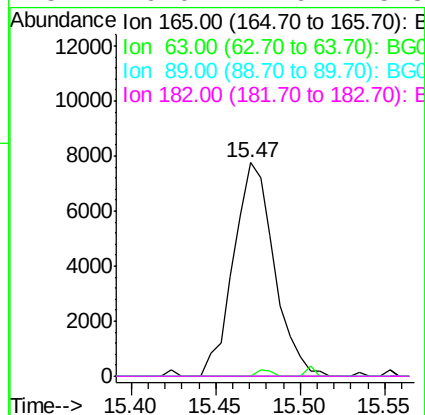
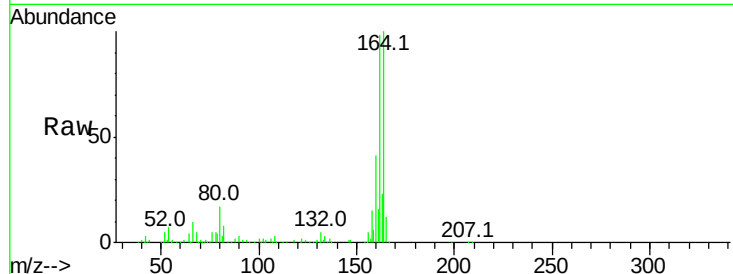




#56
 2,4-Dinitrotoluene
 Concen: 4.602 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. -0.34 min
 Lab File: BG033738.D
 Acq: 11 Apr 2018 8:09

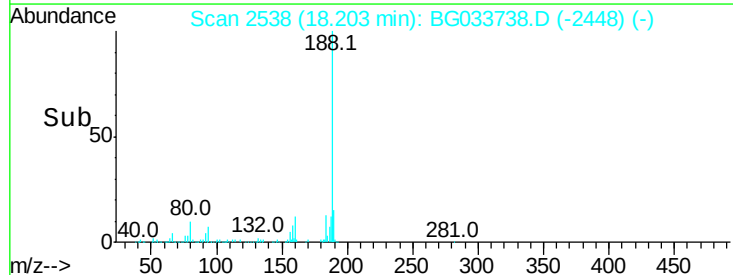
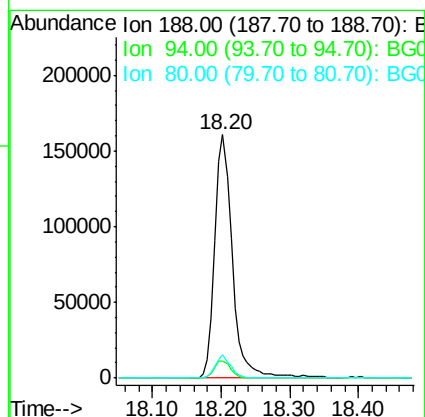
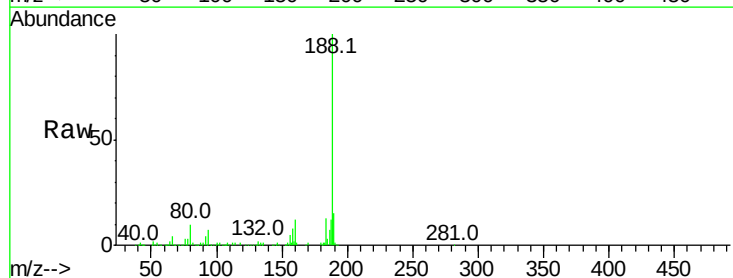
Instrument :
 BNA_G
 ClientSampleId :

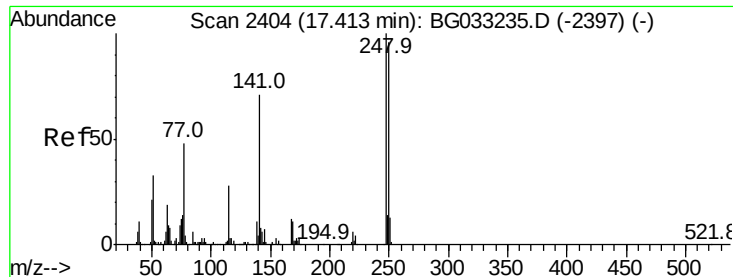
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.20 min Scan# 2538
 Delta R.T. -0.00 min
 Lab File: BG033738.D
 Acq: 11 Apr 2018 8:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.9	6.9	10.3
80	9.8	7.7	11.5

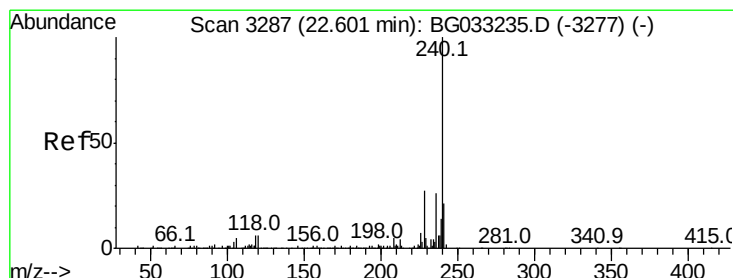
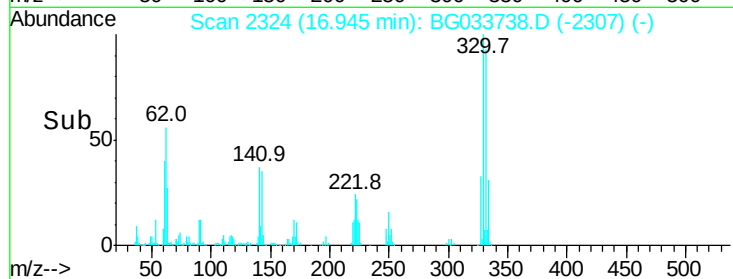
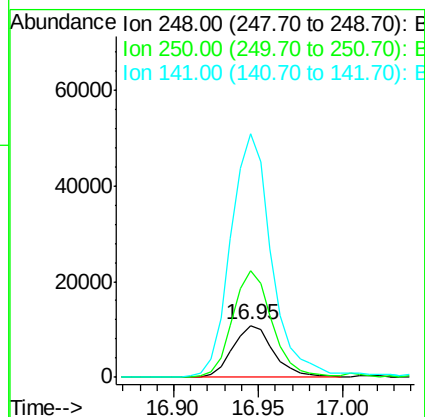
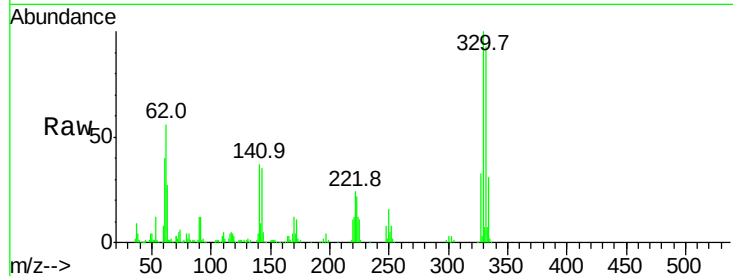




#66
4-Bromophenyl-phenylether
Concen: 5.350 ng
RT: 16.95 min Scan# 2324
Delta R.T. -0.43 min
Lab File: BG033738.D
Acq: 11 Apr 2018 8:09

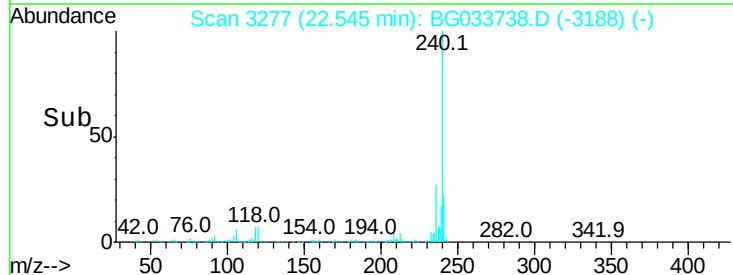
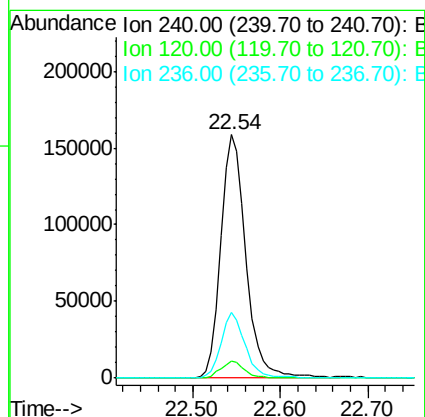
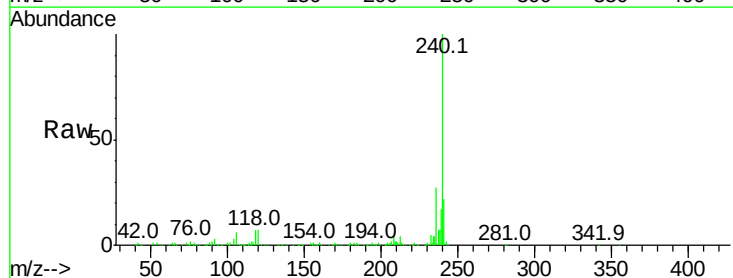
Instrument :
BNA_G
ClientSampleId :

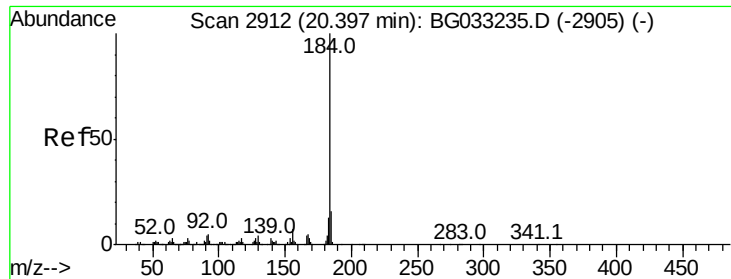
Tot Ion:248 Resp: 18067
Ion Ratio Lower Upper
248 100
250 205.5 77.1 115.7#
141 468.7 50.8 76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.54 min Scan# 3277
Delta R.T. -0.01 min
Lab File: BG033738.D
Acq: 11 Apr 2018 8:09

Tgt Ion:240 Resp: 314544
Ion Ratio Lower Upper
240 100
120 6.9 6.8 10.2
236 27.1 20.9 31.3





#76

Benzidine

Concen: 3.186 ng

RT: 20.72 min Scan# 2967

Delta R.T. 0.36 min

Lab File: BG033738.D

Acq: 11 Apr 2018 8:09

Instrument :

BNA_G

ClientSampleId :

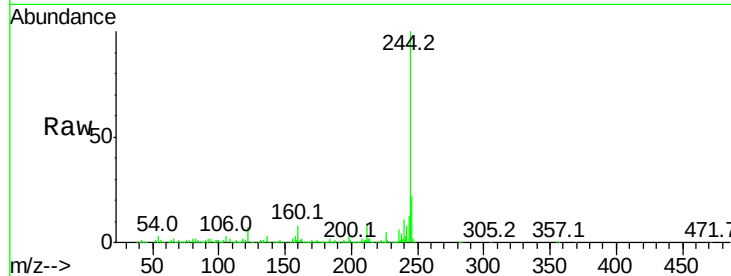
Tot Ion:184 Resp: 27176

Ion Ratio Lower Upper

184 100

185 13.5 11.1 16.7

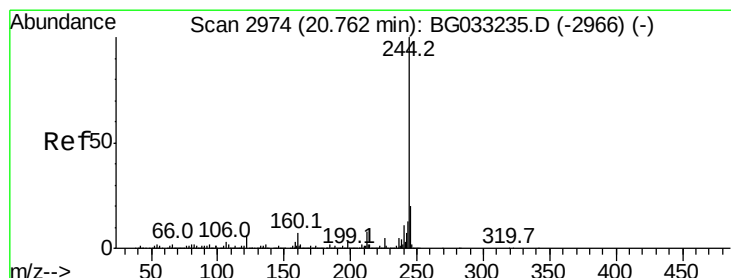
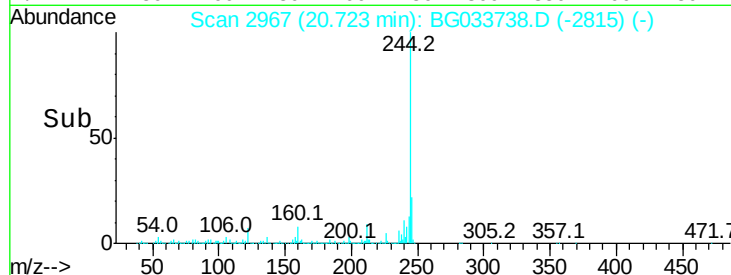
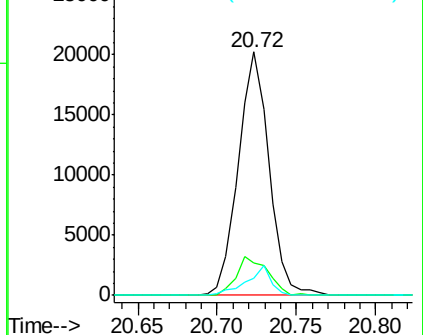
183 6.9 10.6 16.0#



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: 106.546 ng

RT: 20.72 min Scan# 2967

Delta R.T. -0.00 min

Lab File: BG033738.D

Acq: 11 Apr 2018 8:09

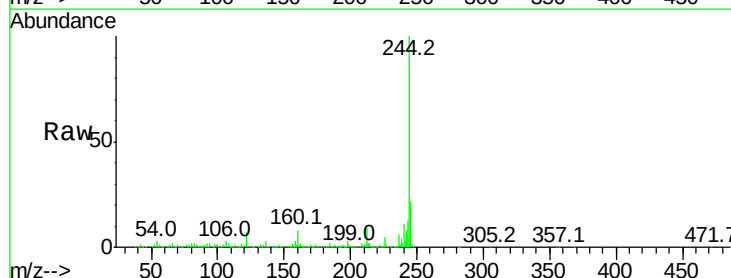
Tgt Ion:244 Resp: 1567062

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

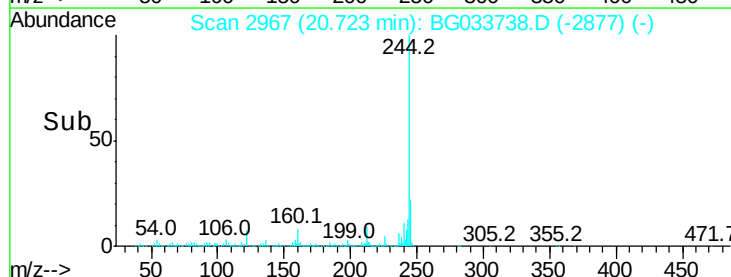
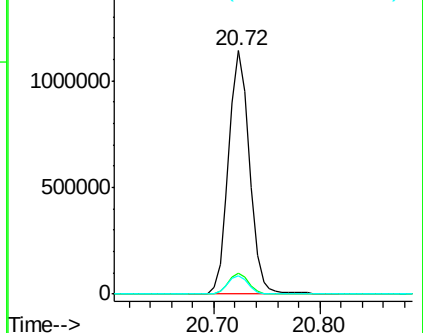
122 7.3 7.0 10.4

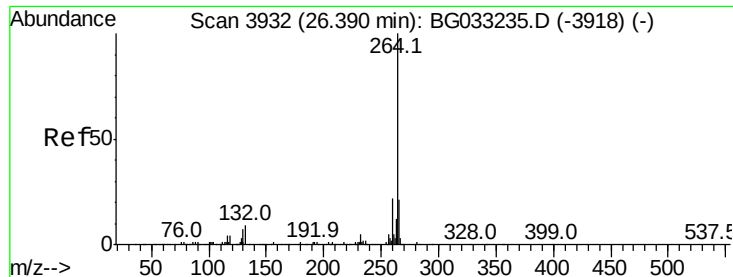


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.30 min Scan# 3916
 Delta R.T. -0.01 min
 Lab File: BG033738.D
 Acq: 11 Apr 2018 8:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	17.4	26.0
265	20.0	17.7	26.5

