

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040618\
 Data File : BG033649.D
 Acq On : 7 Apr 2018 4:17
 Operator : SJ/JU
 Sample : J2248-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 07 06:03:31 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

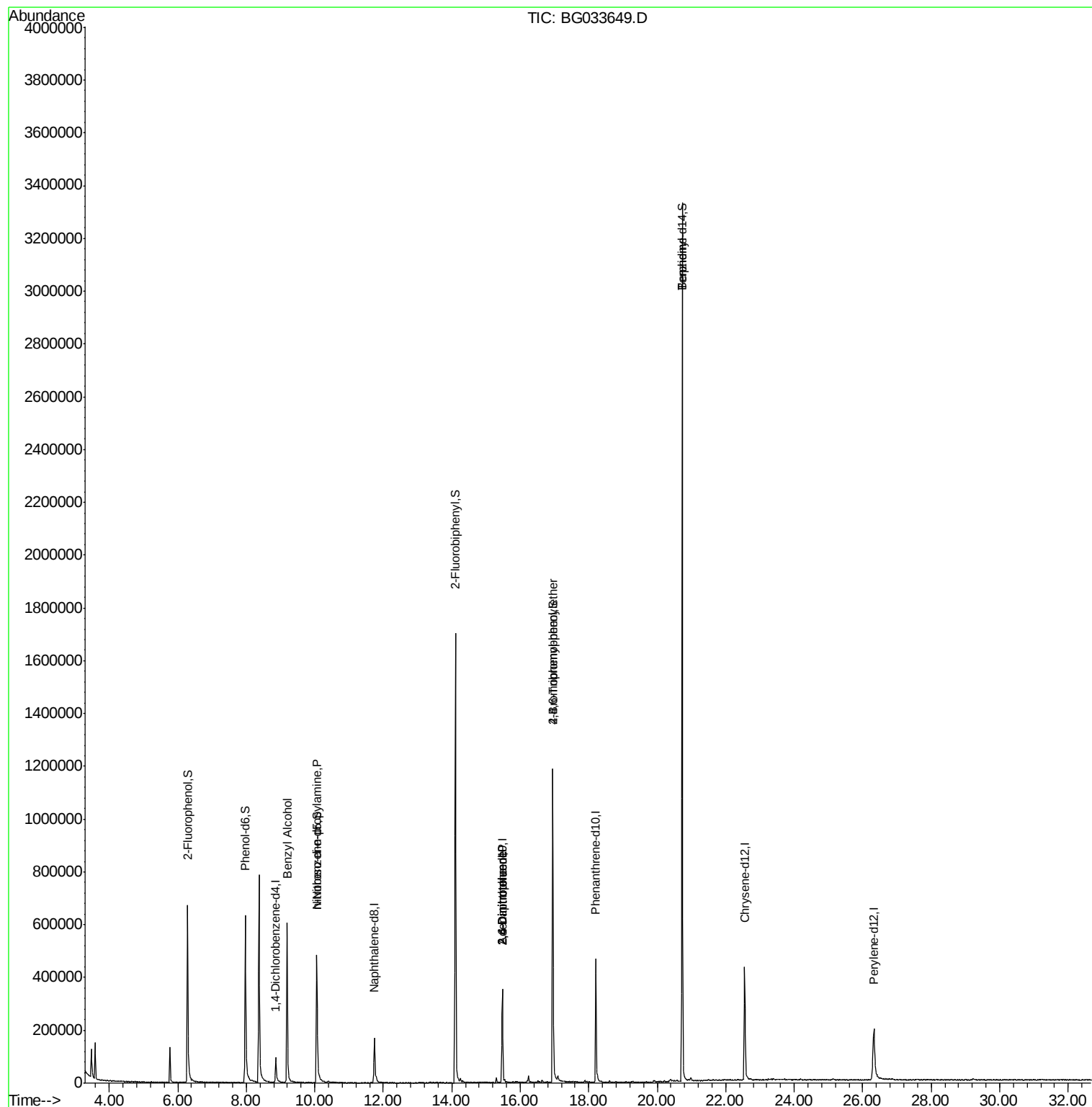
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	37534	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	178923	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	137323	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	332577	20.00	ng	0.00
75) Chrysene-d12	22.55	240	332676	20.00	ng	0.00
86) Perylene-d12	26.33	264	321706	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	330635	165.18	ng	0.00
7) Phenol-d6	7.97	99	447642	130.15	ng	0.00
23) Nitrobenzene-d5	10.06	82	385745	99.05	ng	0.00
41) 2,4,6-Tribromophenol	16.96	330	237096	115.44	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	940338	98.85	ng	0.00
78) Terphenyl-d14	20.73	244	1590936	102.27	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	6518	2.407	ng	# 52
19) n-Nitroso-di-n-propylamine	10.06	70	52380	20.784	ng	# 76
50) 2,6-Dinitrotoluene	15.47	165	18250	7.468	ng	# 22
53) 2,4-Dinitrophenol	15.49	184	94	7.710	ng	# 44
56) 2,4-Dinitrotoluene	15.47	165	18250	5.072	ng	# 20
66) 4-Bromophenyl-phenylether	16.95	248	18177	4.654	ng	# 1
76) Benzydine	20.73	184	28333	3.141	ng	95

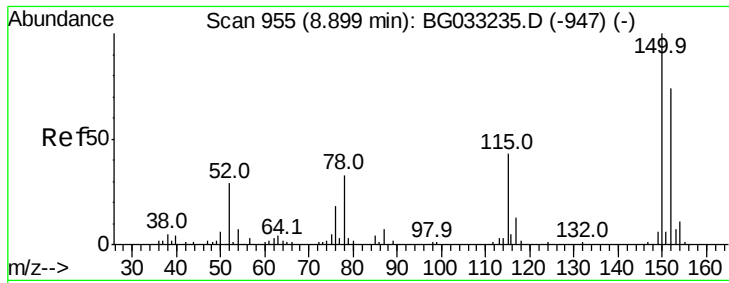
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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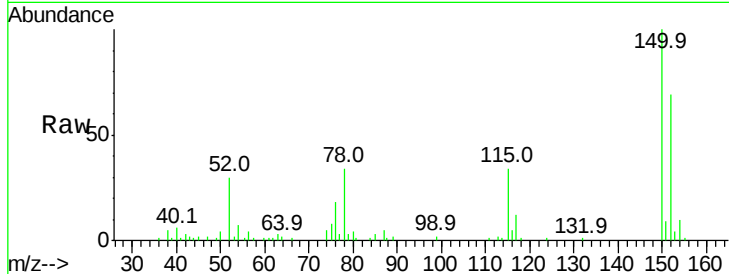


#1

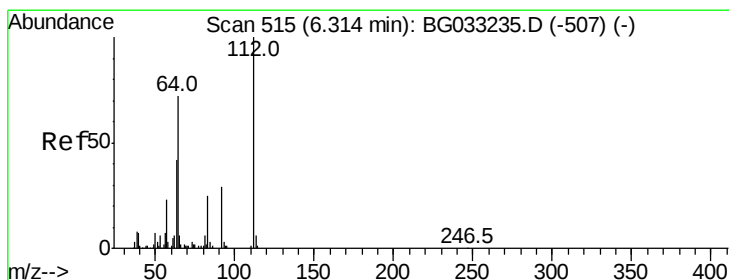
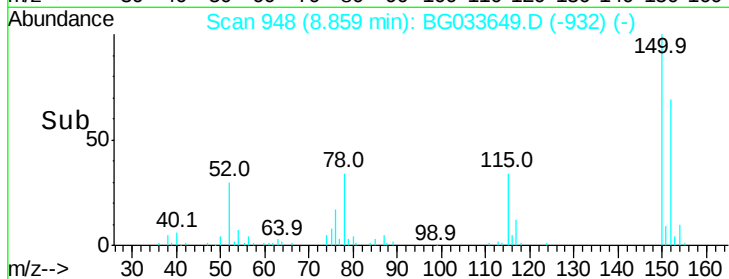
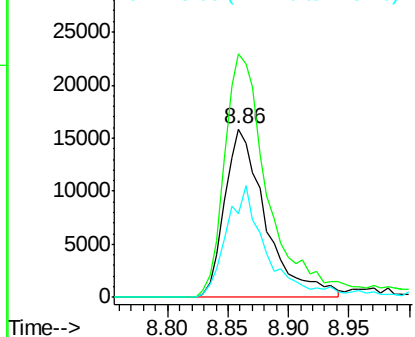
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.00 min
Lab File: BG033649.D
Acq: 7 Apr 2018 4:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 37534
Ion Ratio Lower Upper
152 100
150 144.7 126.6 189.8
115 49.9 53.0 79.4#



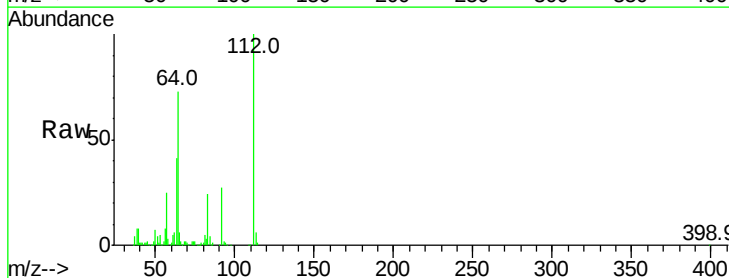
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



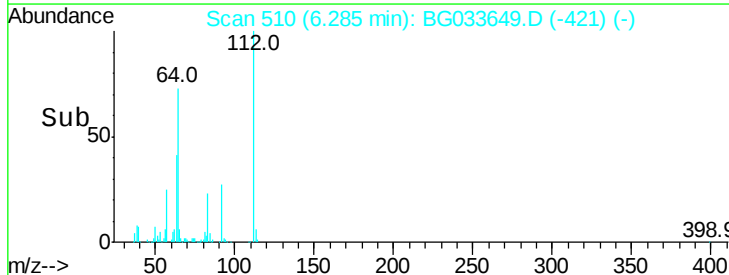
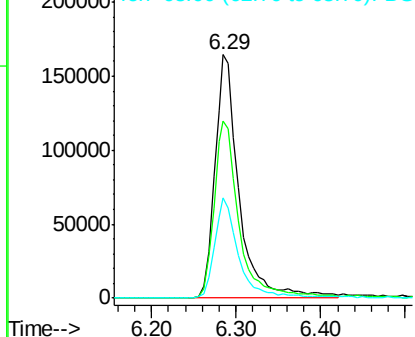
#5

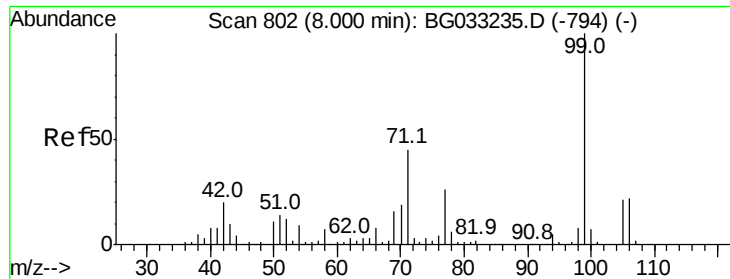
2-Fluorophenol
Concen: 165.178 ng
RT: 6.29 min Scan# 510
Delta R.T. -0.00 min
Lab File: BG033649.D
Acq: 7 Apr 2018 4:17

Tgt Ion:112 Resp: 330635
Ion Ratio Lower Upper
112 100
64 72.6 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): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 130.155 ng

RT: 7.97 min Scan# 797

Delta R.T. 0.00 min

Lab File: BG033649.D

Acq: 7 Apr 2018 4:17

Instrument :

BNA_G

ClientSampleId :

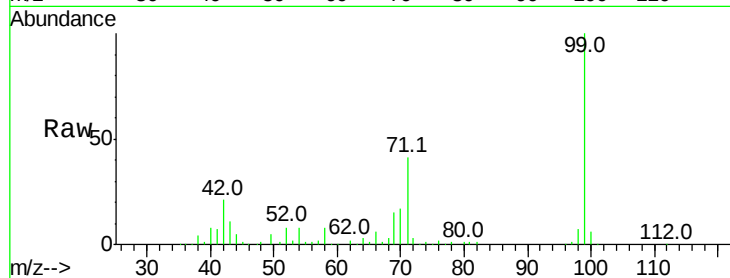
Tot Ion: 99 Resp: 447642

Ion Ratio Lower Upper

99 100

42 20.9 14.1 21.1

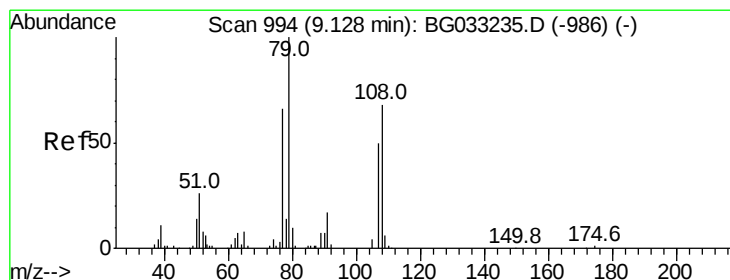
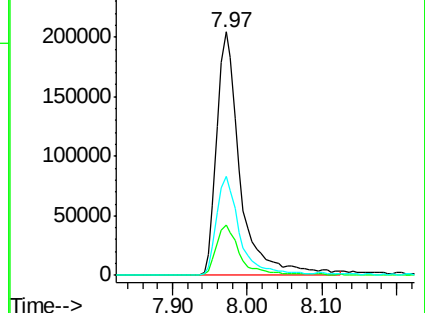
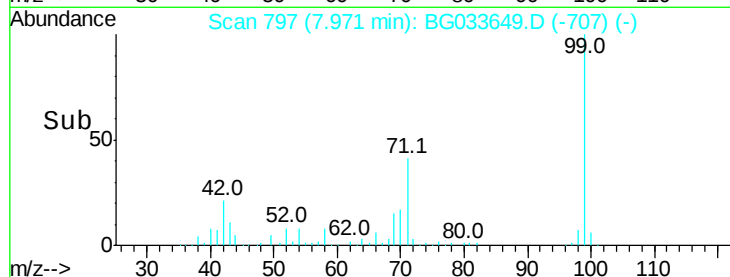
71 40.6 26.1 39.1#



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: 2.407 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.09 min

Lab File: BG033649.D

Acq: 7 Apr 2018 4:17

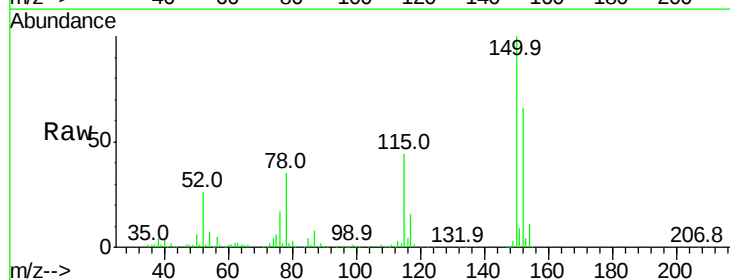
Tgt Ion: 79 Resp: 6518

Ion Ratio Lower Upper

79 100

108 35.7 57.2 85.8#

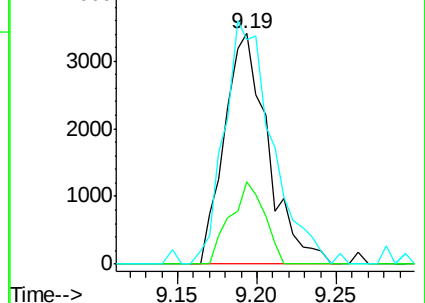
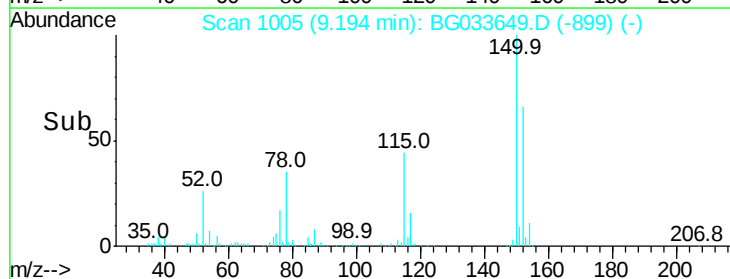
77 97.5 46.1 69.1#

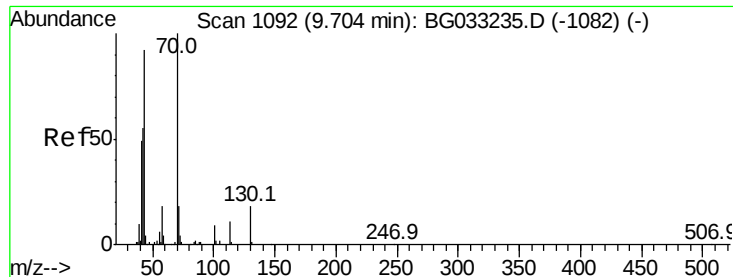


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

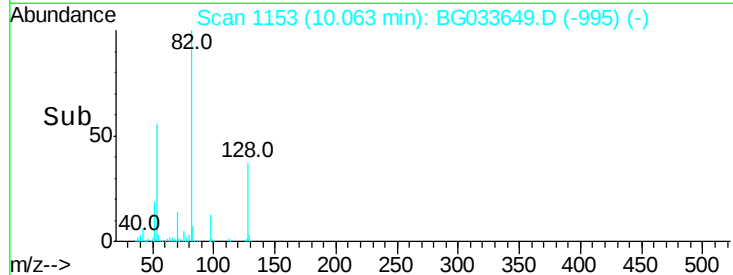
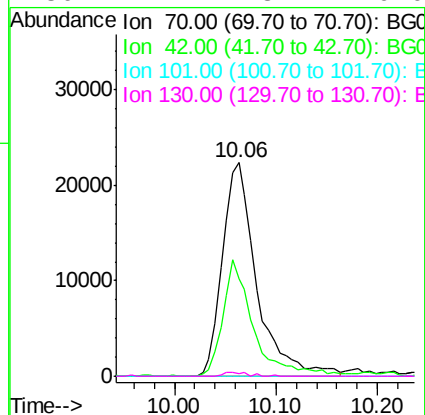
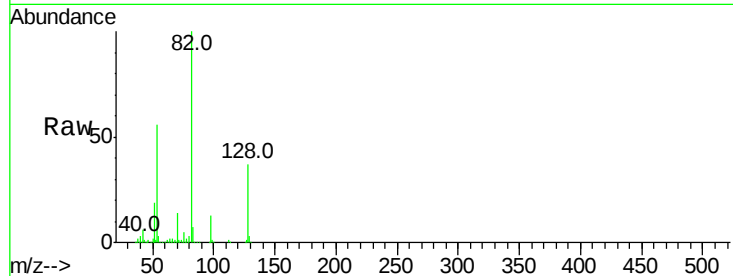




#19
n-Nitroso-di-n-propylamine
Concen: 20.784 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.40 min
Lab File: BG033649.D
Acq: 7 Apr 2018 4:17

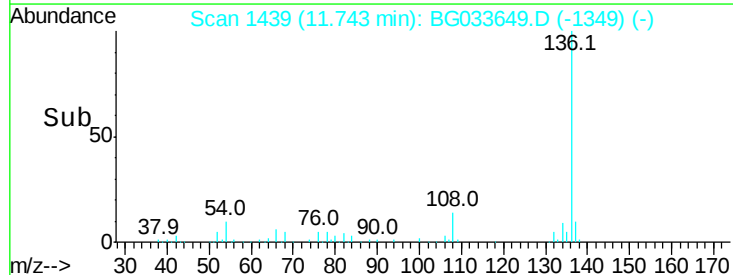
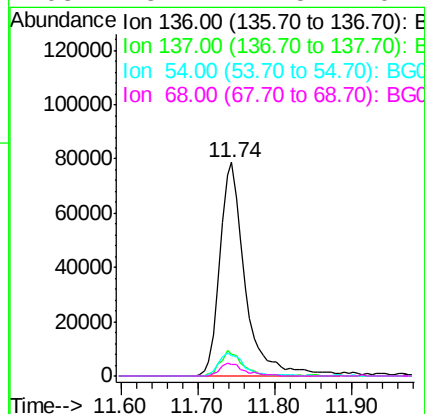
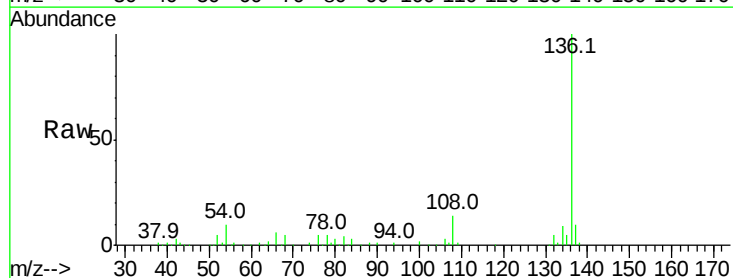
Instrument :
BNA_G
ClientSampleId :

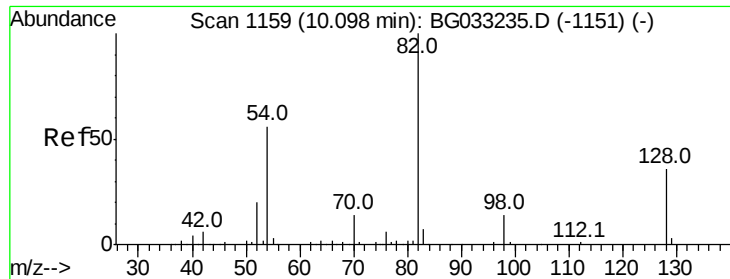
Tot Ion: 70 Resp: 52380
Ion Ratio Lower Upper
70 100
42 45.8 49.1 73.7#
101 0.0 8.5 12.7#
130 1.4 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BG033649.D
Acq: 7 Apr 2018 4:17

Tgt Ion: 136 Resp: 178923
Ion Ratio Lower Upper
136 100
137 10.4 9.2 13.8
54 9.7 10.3 15.5#
68 5.4 4.5 6.7





#23

Nitrobenzene-d5

Concen: 99.052 ng

RT: 10.06 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BG033649.D

Acq: 7 Apr 2018 4:17

Instrument :

BNA_G

ClientSampleId :

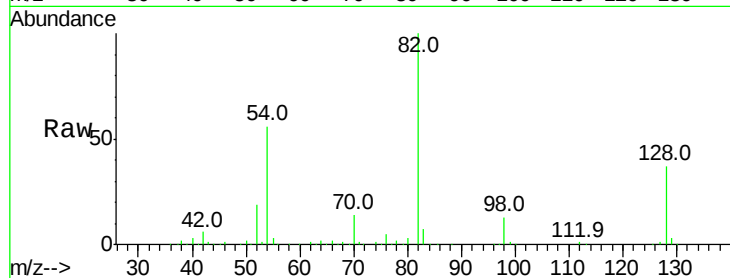
Tot Ion: 82 Resp: 385745

Ion Ratio Lower Upper

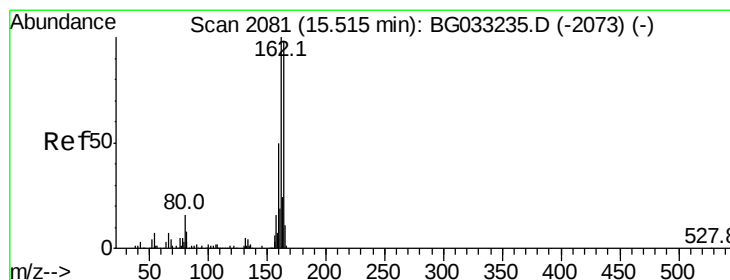
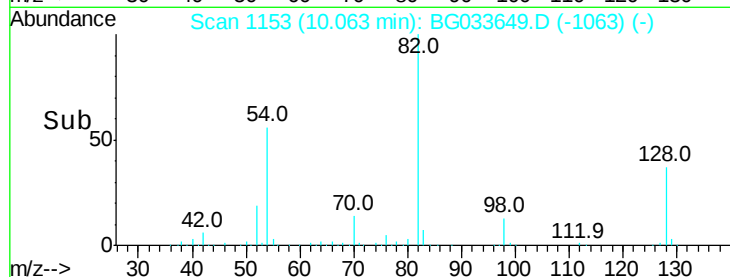
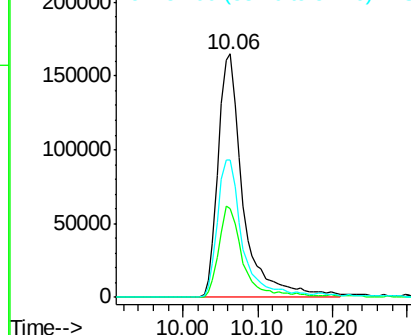
82 100

128 36.7 29.7 44.5

54 56.4 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. 0.00 min

Lab File: BG033649.D

Acq: 7 Apr 2018 4:17

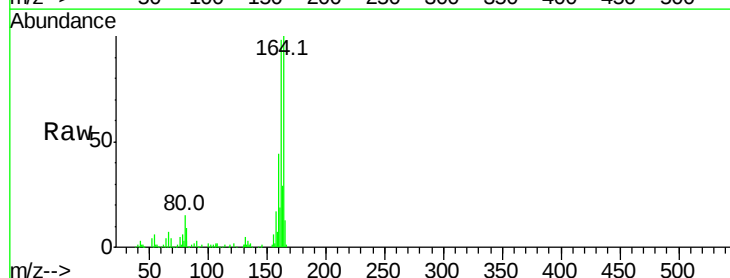
Tgt Ion:164 Resp: 137323

Ion Ratio Lower Upper

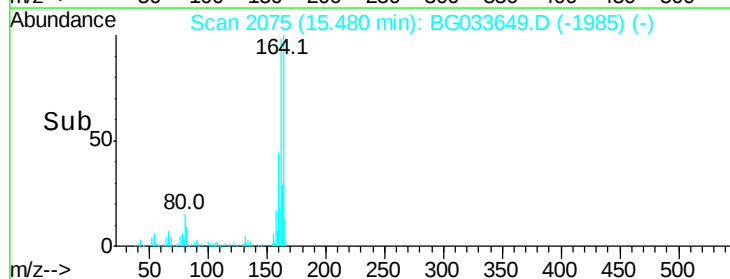
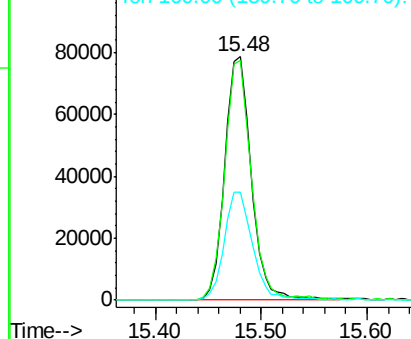
164 100

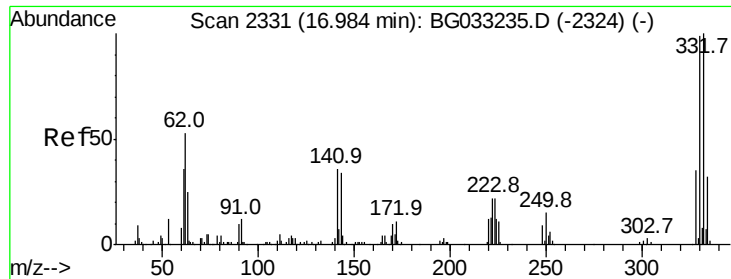
162 98.4 78.8 118.2

160 44.3 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

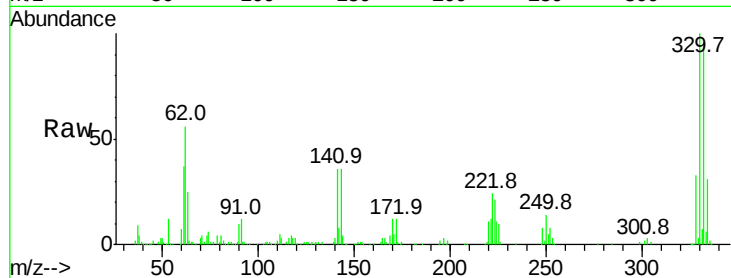




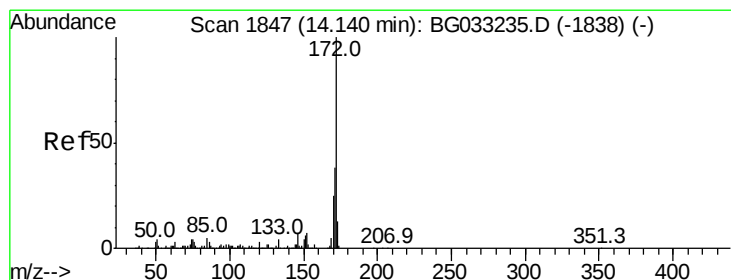
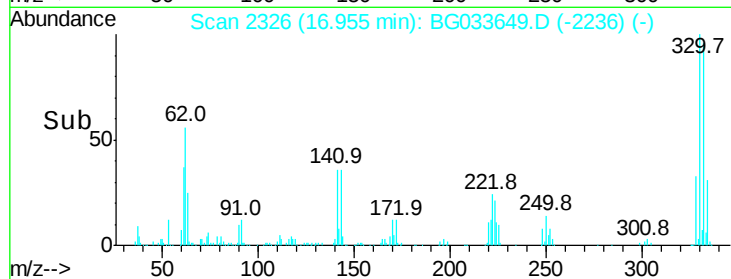
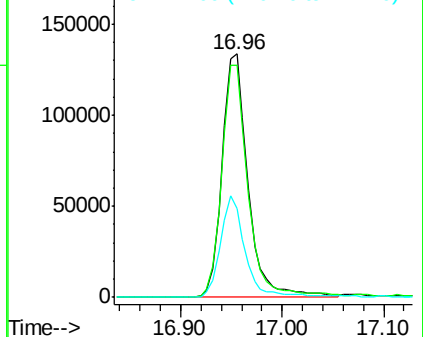
#41
 2,4,6-Tribromophenol
 Concen: 115.441 ng
 RT: 16.96 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: BG033649.D
 Acq: 7 Apr 2018 4:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 237096
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 40.3 25.2 37.8#

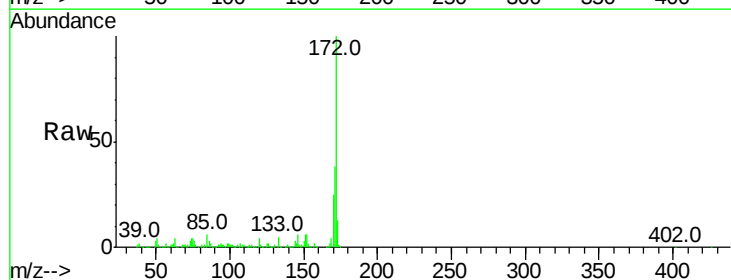


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

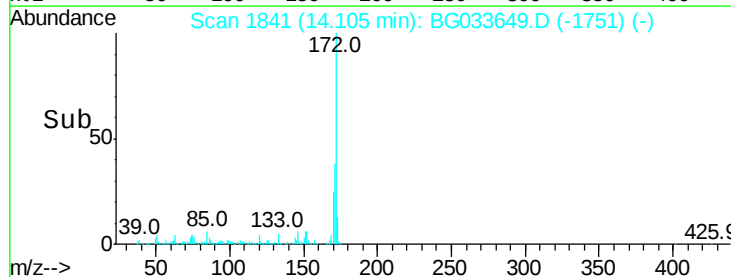
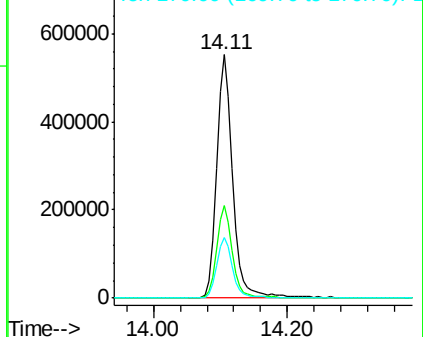


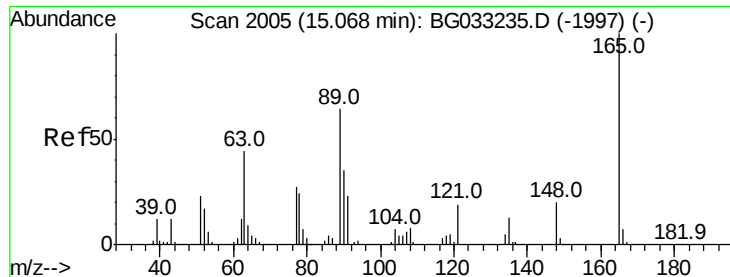
#44
 2-Fluorobiphenyl
 Concen: 98.855 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BG033649.D
 Acq: 7 Apr 2018 4:17

Tgt Ion:172 Resp: 940338
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.0 45.0
 170 24.7 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: 7.468 ng

RT: 15.47 min Scan# 2074

Delta R.T. 0.44 min

Lab File: BG033649.D

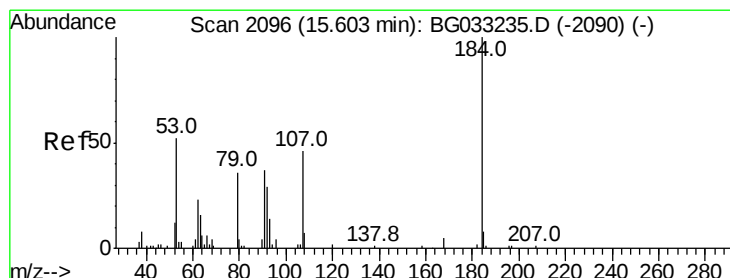
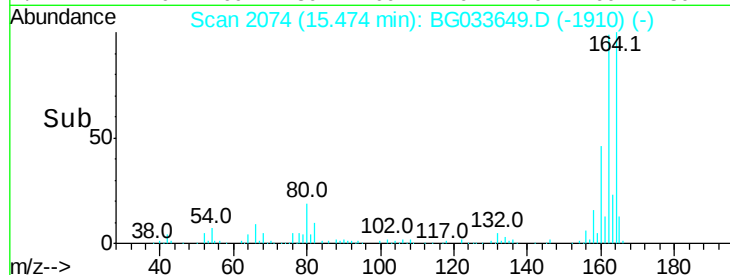
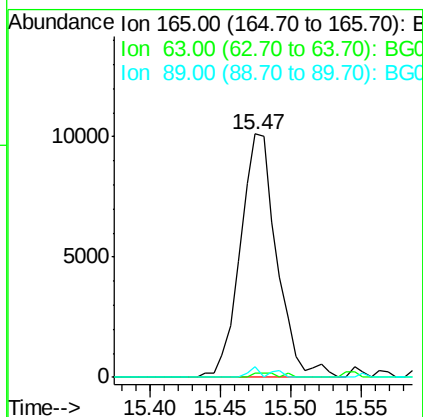
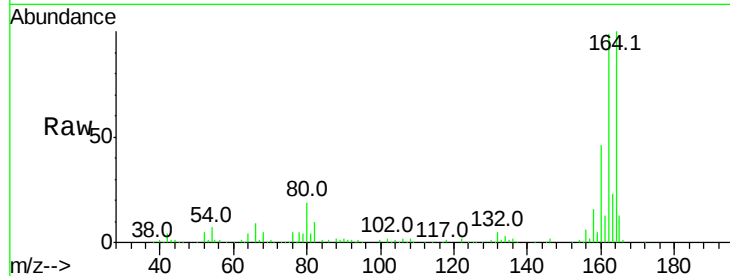
Acq: 7 Apr 2018 4:17

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 18250
 Ion Ratio Lower Upper
 165 100
 63 1.6 52.7 79.1#
 89 4.5 49.2 73.8#



#53

2,4-Dinitrophenol

Concen: 7.710 ng

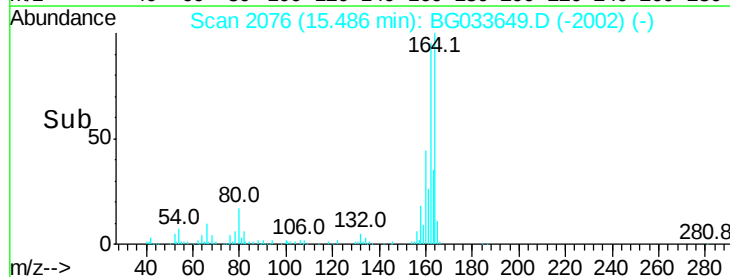
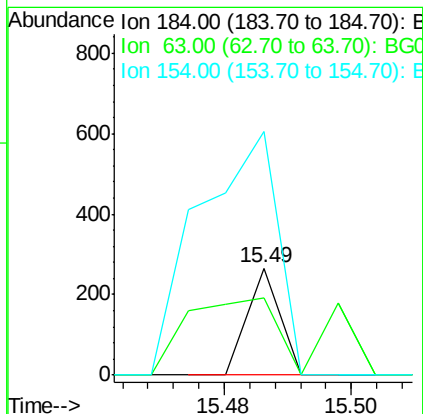
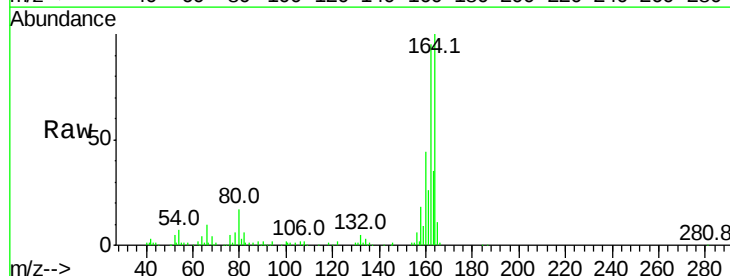
RT: 15.49 min Scan# 2076

Delta R.T. -0.09 min

Lab File: BG033649.D

Acq: 7 Apr 2018 4:17

Tgt Ion:184 Resp: 94
 Ion Ratio Lower Upper
 184 100
 63 71.8 59.8 89.8
 154 227.4 101.8 152.8#

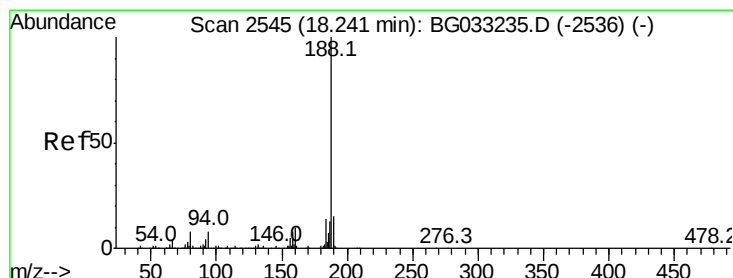
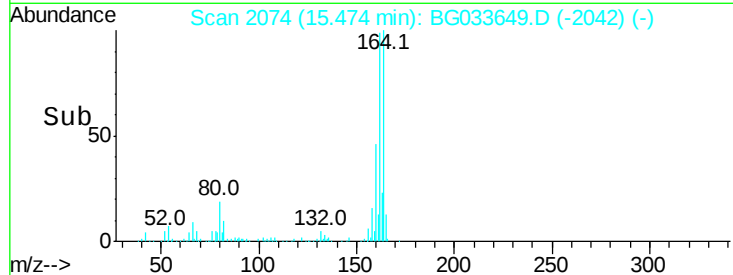
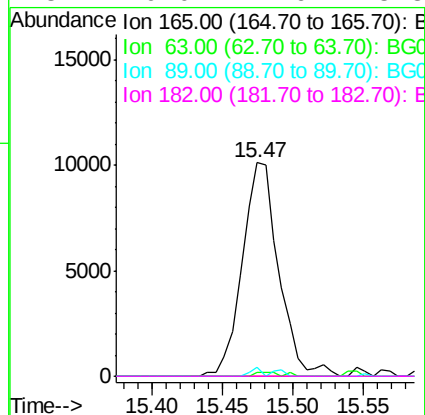
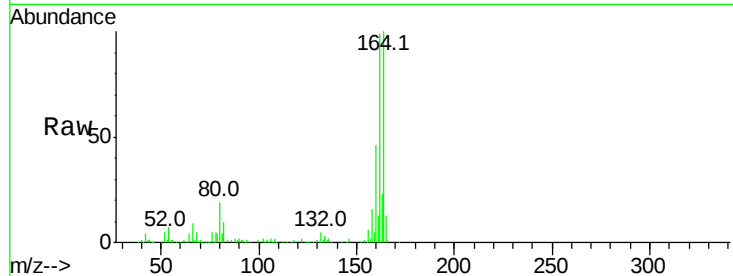




#56
2,4-Dinitrotoluene
Concen: 5.072 ng
RT: 15.47 min Scan# 2074
Delta R.T. -0.34 min
Lab File: BG033649.D
Acq: 7 Apr 2018 4:17

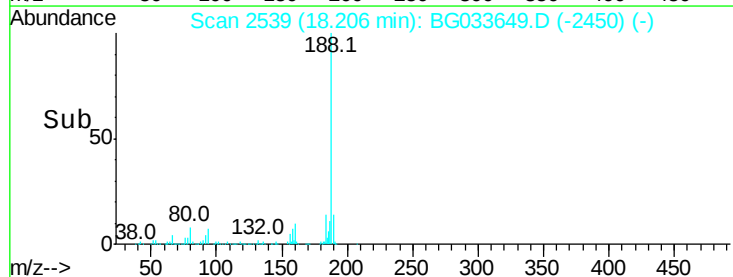
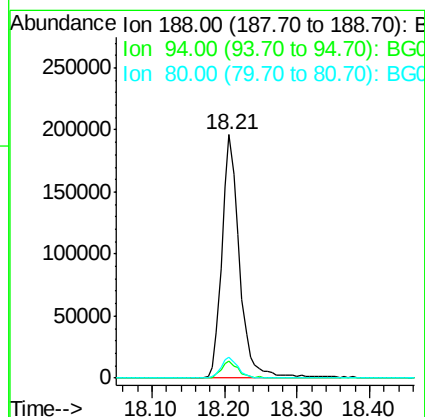
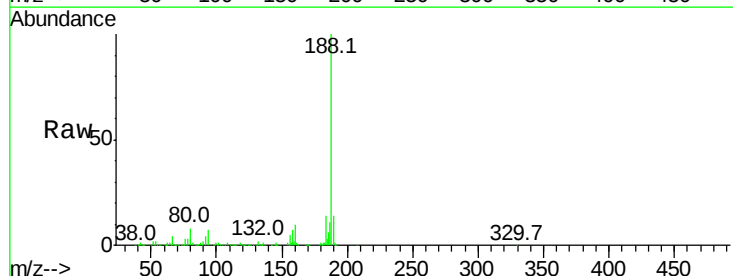
Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 18250
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#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. -0.00 min
Lab File: BG033649.D
Acq: 7 Apr 2018 4:17

Tgt Ion:188 Resp: 332577
Ion Ratio Lower Upper
188 100
94 6.9 6.9 10.3#
80 8.5 7.7 11.5

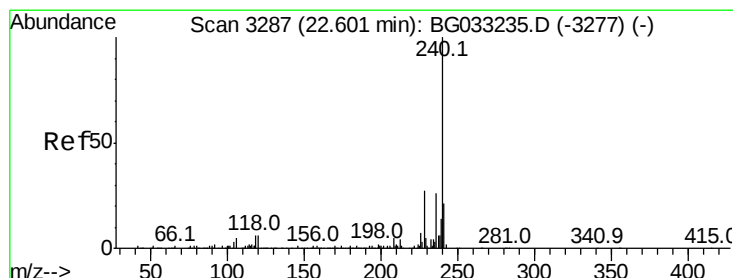
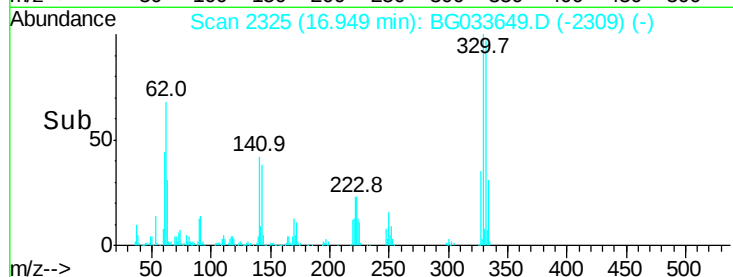
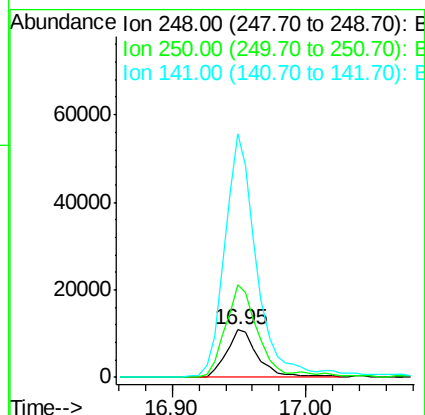
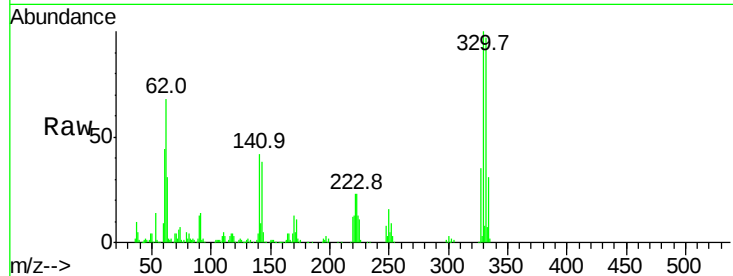




#66
4-Bromophenyl-phenylether
Concen: 4.654 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.43 min
Lab File: BG033649.D
Acq: 7 Apr 2018 4:17

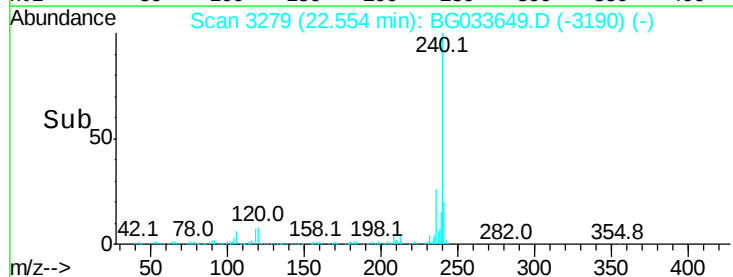
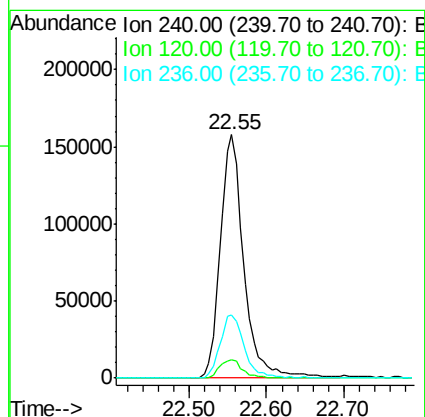
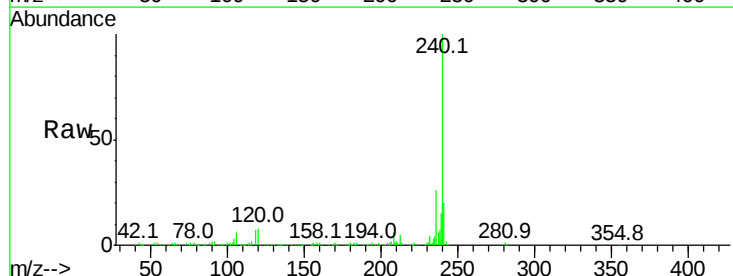
Instrument :
BNA_G
ClientSampleId :

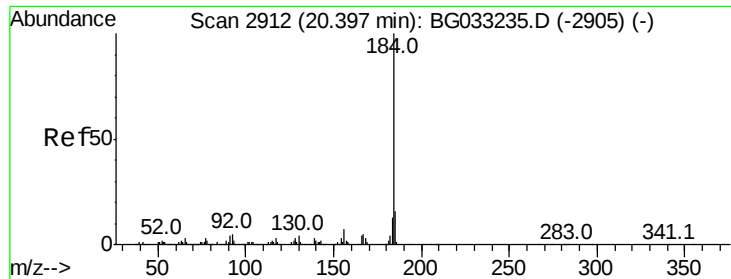
Tot Ion:248 Resp: 18177
Ion Ratio Lower Upper
248 100
250 194.5 77.1 115.7#
141 514.1 50.8 76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.00 min
Lab File: BG033649.D
Acq: 7 Apr 2018 4:17

Tgt Ion:240 Resp: 332676
Ion Ratio Lower Upper
240 100
120 7.5 6.8 10.2
236 26.0 20.9 31.3





#76

Benzidine

Concen: 3.141 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.36 min

Lab File: BG033649.D

Acq: 7 Apr 2018 4:17

Instrument :

BNA_G

ClientSampleId :

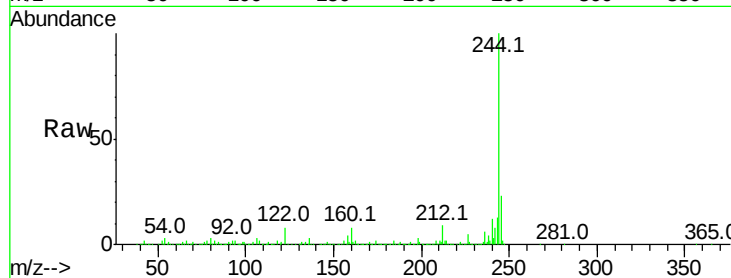
Tot Ion:184 Resp: 28333

Ion Ratio Lower Upper

184 100

185 16.2 11.1 16.7

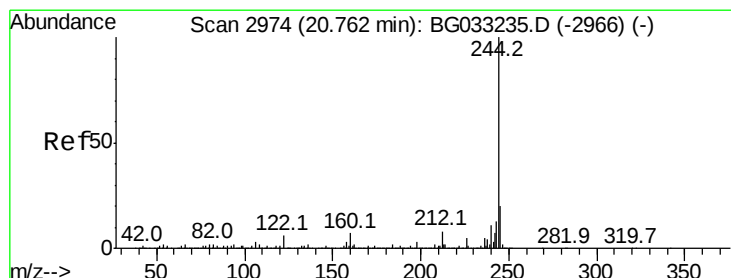
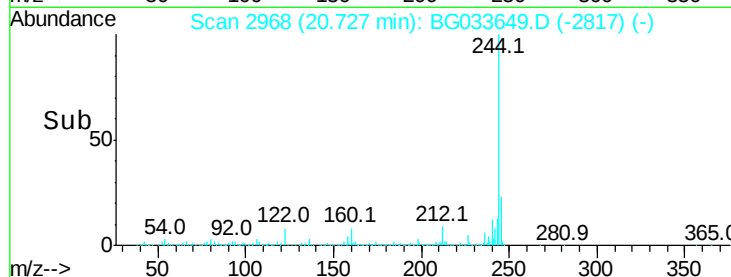
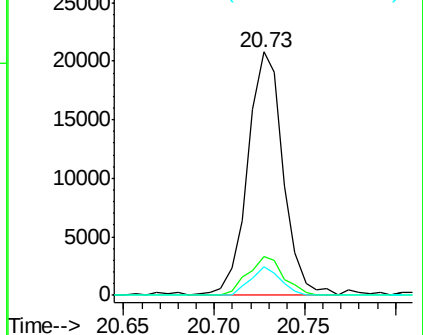
183 11.9 10.6 16.0



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: 102.273 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BG033649.D

Acq: 7 Apr 2018 4:17

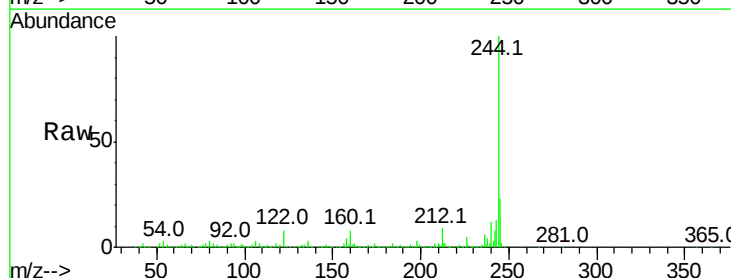
Tgt Ion:244 Resp: 1590936

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

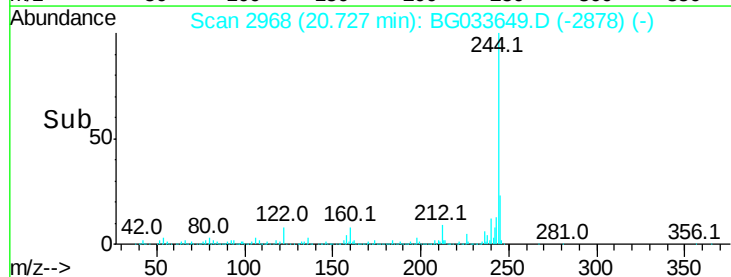
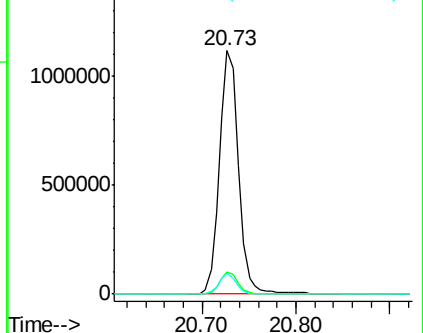
122 8.5 7.0 10.4



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: 26.33 min Scan# 3921
 Delta R.T. 0.01 min
 Lab File: BG033649.D
 Acq: 7 Apr 2018 4:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.4	26.0
265	21.2	17.7	26.5

