

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041918\
 Data File : BG033879.D
 Acq On : 19 Apr 2018 21:36
 Operator : SJ/JU
 Sample : J2428-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 20 08:37:49 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

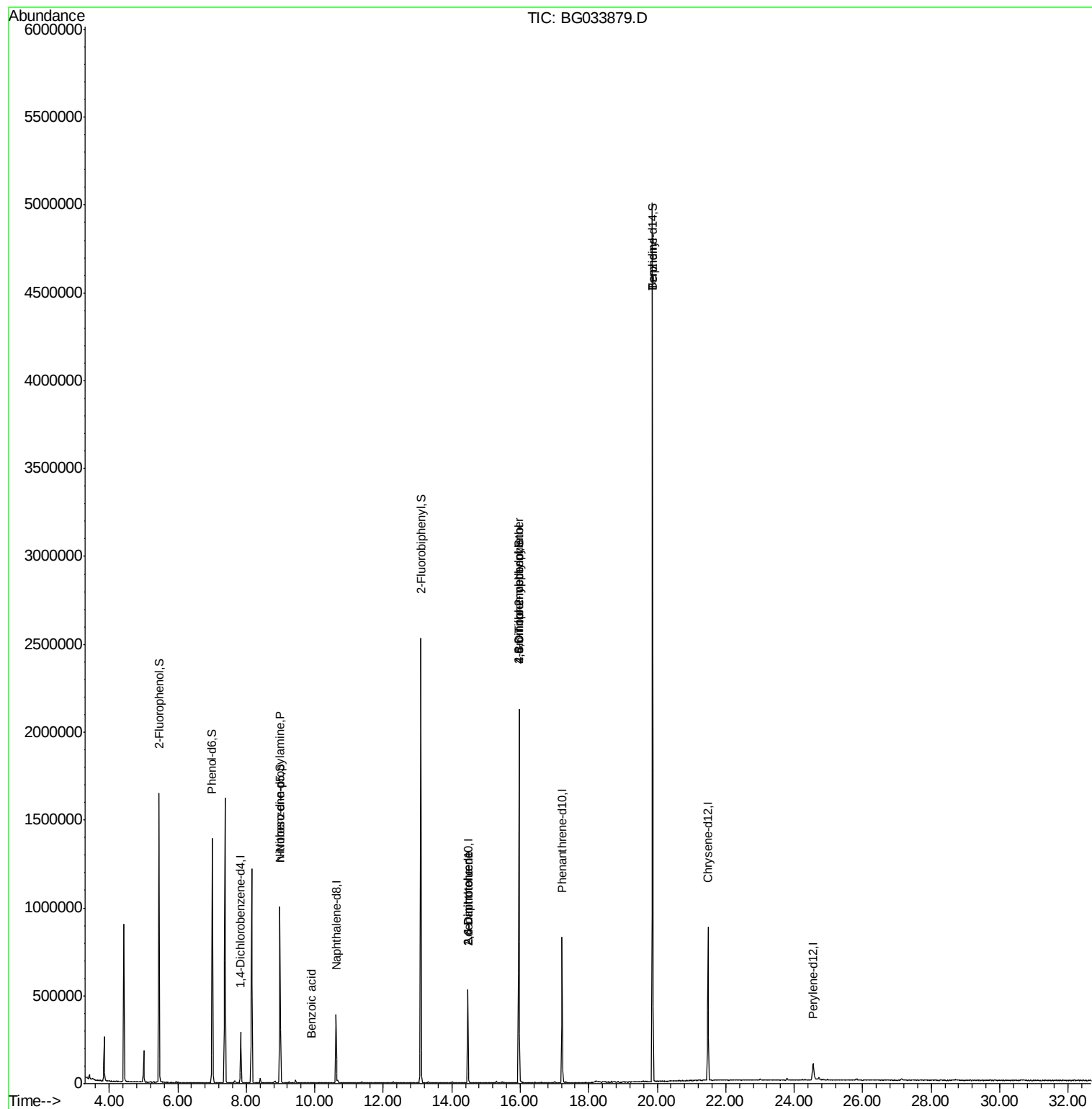
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	78323	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	318504	20.00	ng	0.00
38) Acenaphthene-d10	14.47	164	174048	20.00	ng	0.00
63) Phenanthrene-d10	17.22	188	498659	20.00	ng	0.00
75) Chrysene-d12	21.48	240	471197	20.00	ng	-0.01
86) Perylene-d12	24.54	264	48889	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	661968	134.94	ng	0.00
7) Phenol-d6	7.01	99	751278	104.99	ng	0.00
23) Nitrobenzene-d5	8.99	82	578120	103.30	ng	0.00
41) 2,4,6-Tribromophenol	15.96	330	371317	182.87	ng	0.00
44) 2-Fluorobiphenyl	13.09	172	1300192	109.74	ng	0.00
78) Terphenyl-d14	19.86	244	2250983	107.32	ng	0.00
Target Compounds						
9) Benzaldehyde	7.01	77	1745	Below Cal	Qvalue	
19) n-Nitroso-di-n-propylamine	8.99	70	83054	13.617 ng	#	5
32) Benzoic acid	9.90	122	151	5.114 ng	#	77
50) 2,6-Dinitrotoluene	14.47	165	23210	8.000 ng	#	16
56) 2,4-Dinitrotoluene	14.47	165	23210	6.016 ng	#	21
64) 4,6-Dinitro-2-methylphenol	15.96	198	1024	6.858 ng	#	19
66) 4-Bromophenyl-phenylether	15.96	248	20298	3.707 ng	#	81
76) Benzidine	19.86	184	38282	3.009 ng	#	1
					#	93

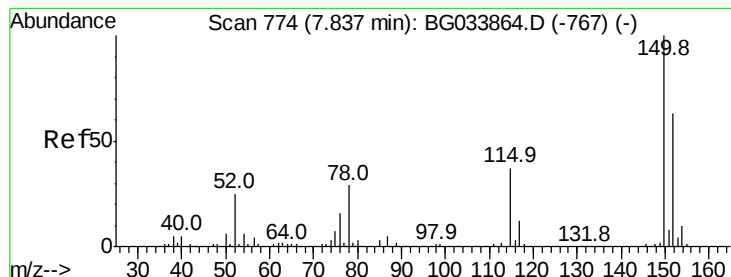
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041918\
Data File : BG033879.D
Acq On : 19 Apr 2018 21:36
Operator : SJ/JU
Sample : J2428-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Apr 20 08:37:49 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 13:56:22 2018
Response via : Initial Calibration



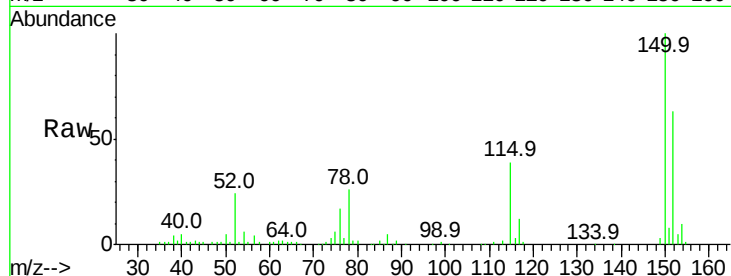


#1

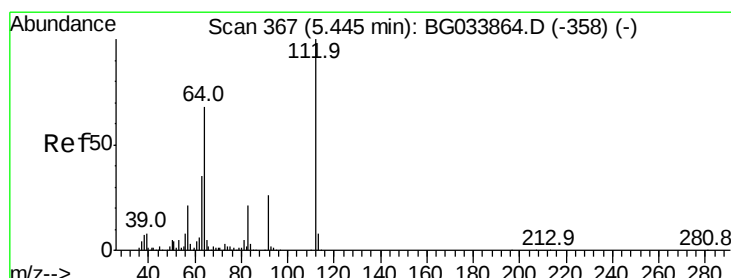
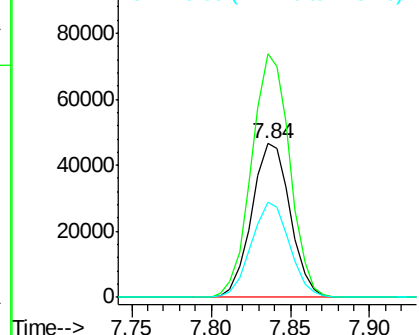
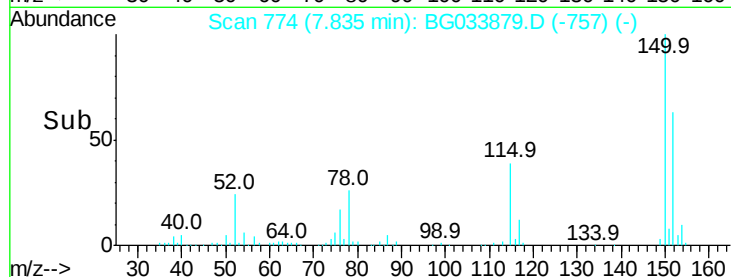
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.84 min Scan# 774
Delta R.T. -0.00 min
Lab File: BG033879.D
Acq: 19 Apr 2018 21:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 78323
Ion Ratio Lower Upper
152 100
150 158.6 126.6 189.8
115 62.3 53.0 79.4



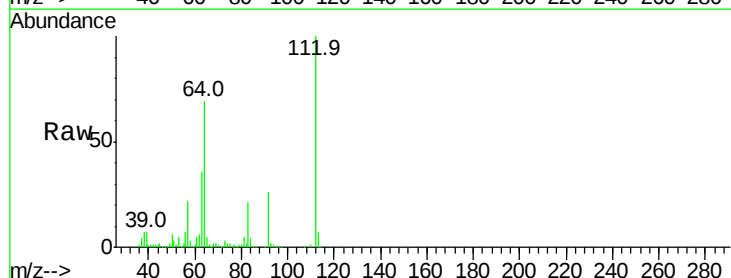
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



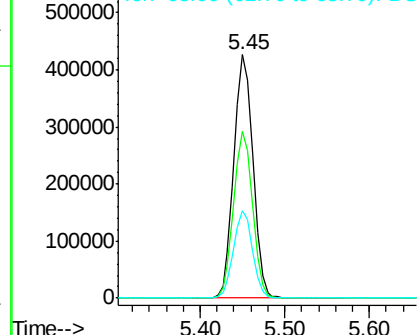
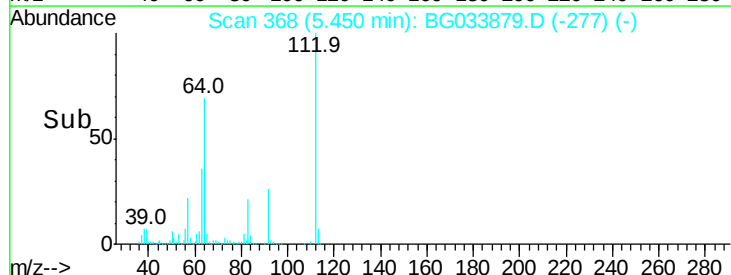
#5

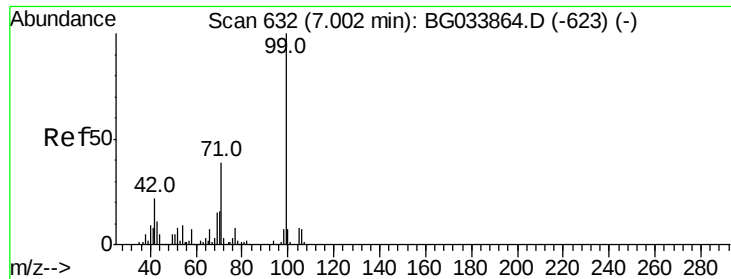
2-Fluorophenol
Concen: 134.935 ng
RT: 5.45 min Scan# 368
Delta R.T. 0.00 min
Lab File: BG033879.D
Acq: 19 Apr 2018 21:36

Tgt Ion:112 Resp: 661968
Ion Ratio Lower Upper
112 100
64 68.6 56.3 84.5
63 36.1 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: 104.994 ng

RT: 7.01 min Scan# 633

Delta R.T. 0.00 min

Lab File: BG033879.D

Acq: 19 Apr 2018 21:36

Instrument :

BNA_G

ClientSampleId :

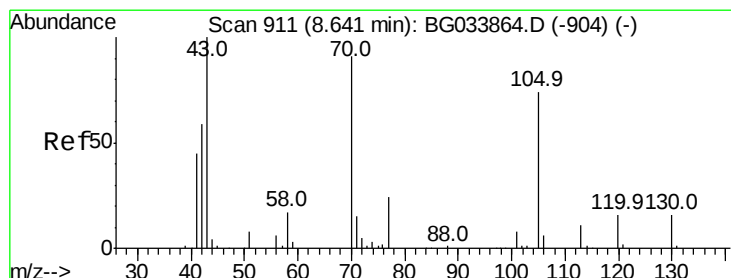
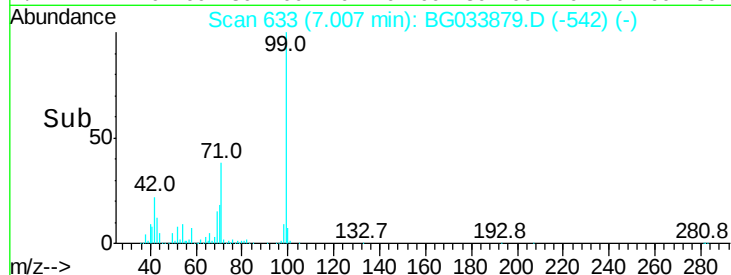
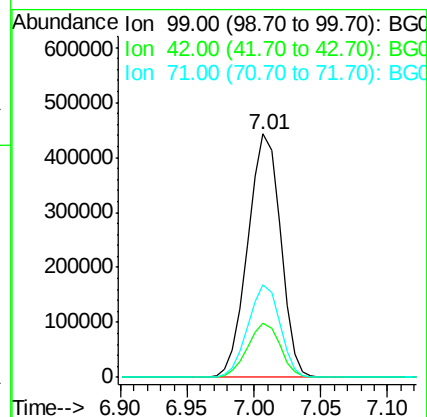
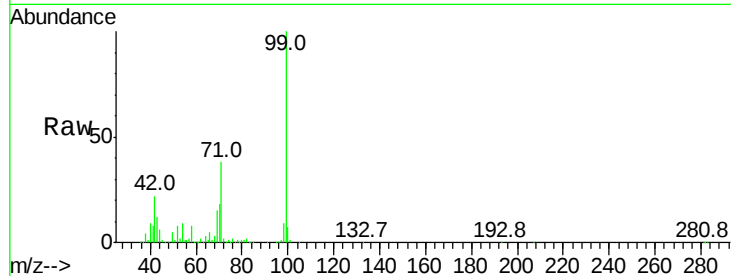
Tot Ion: 99 Resp: 751278

Ion Ratio Lower Upper

99 100

42 22.2 14.1 21.1#

71 38.1 26.1 39.1



#19

n-Nitroso-di-n-propylamine

Concen: 13.617 ng

RT: 8.99 min Scan# 970

Delta R.T. 0.35 min

Lab File: BG033879.D

Acq: 19 Apr 2018 21:36

Tgt Ion: 70 Resp: 83054

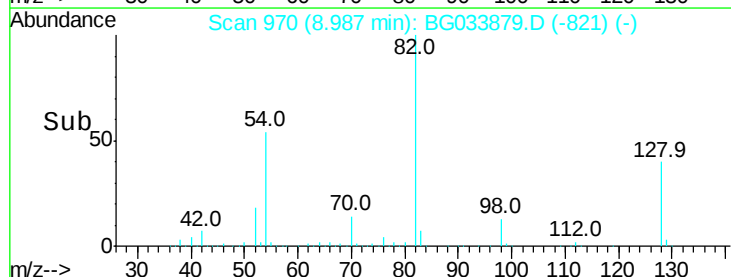
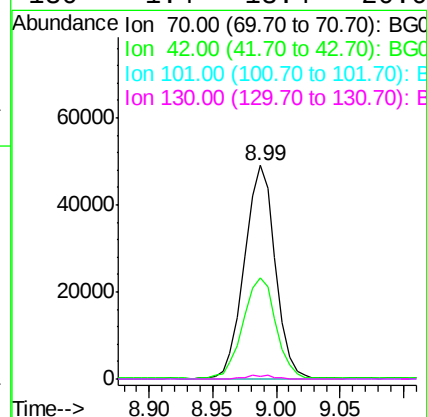
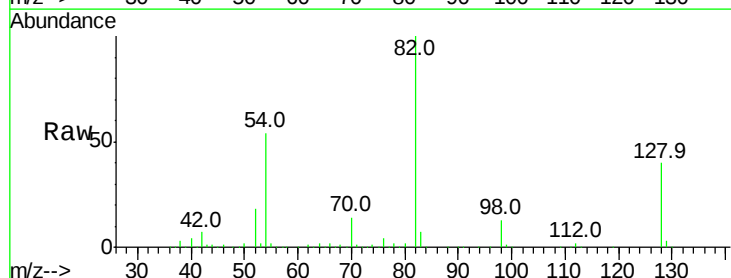
Ion Ratio Lower Upper

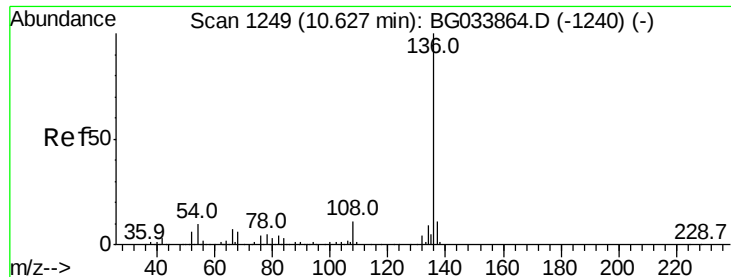
70 100

42 47.2 49.1 73.7#

101 0.0 8.5 12.7#

130 1.4 13.4 20.0#

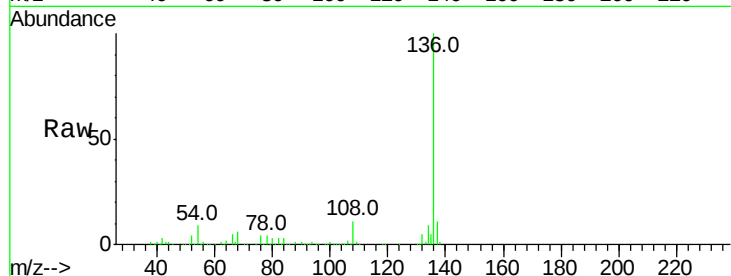




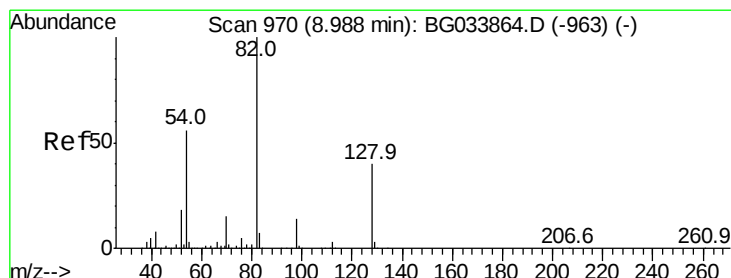
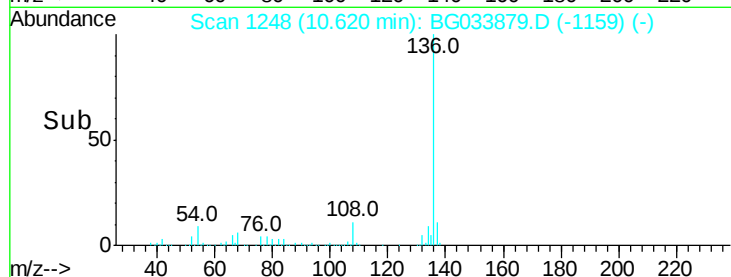
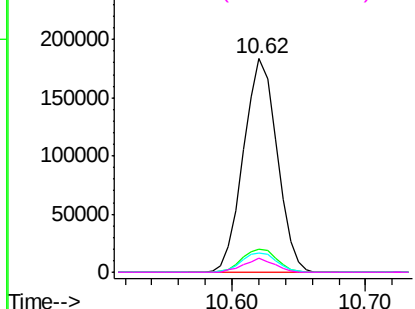
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.62 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BG033879.D
Acq: 19 Apr 2018 21:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	318504
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.2 13.8
54	9.3	10.3 15.5
68	6.4	4.5 6.7

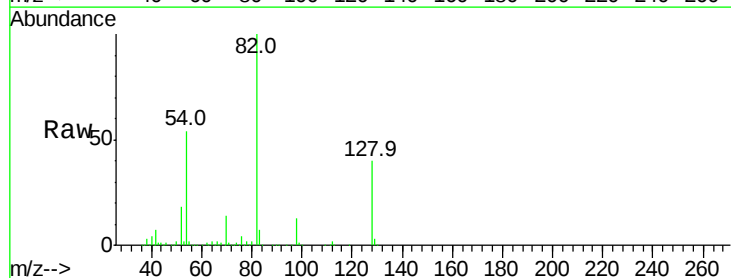


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

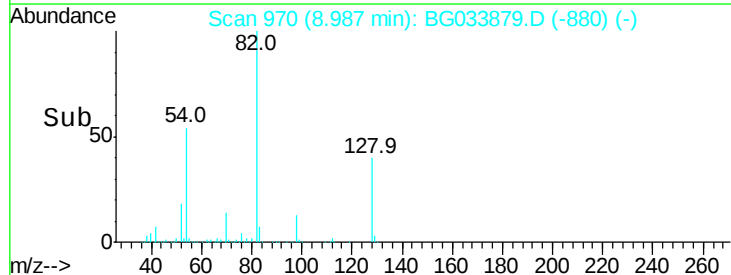
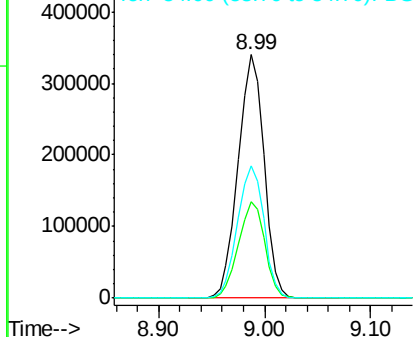


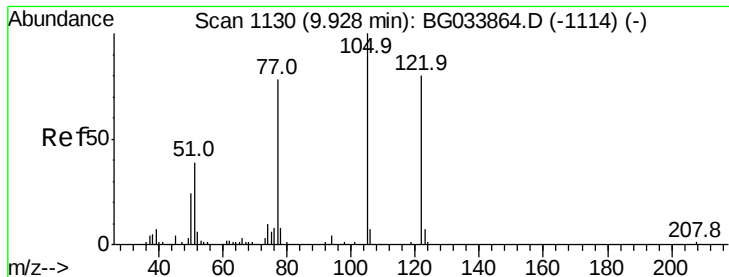
#23
Nitrobenzene-d5
Concen: 103.297 ng
RT: 8.99 min Scan# 970
Delta R.T. -0.00 min
Lab File: BG033879.D
Acq: 19 Apr 2018 21:36

Tgt Ion: 82	Resp:	578120
Ion Ratio	Lower	Upper
82	100	
128	39.6	29.7 44.5
54	54.1	43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC

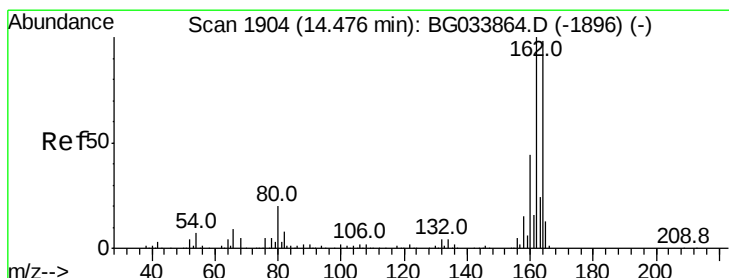
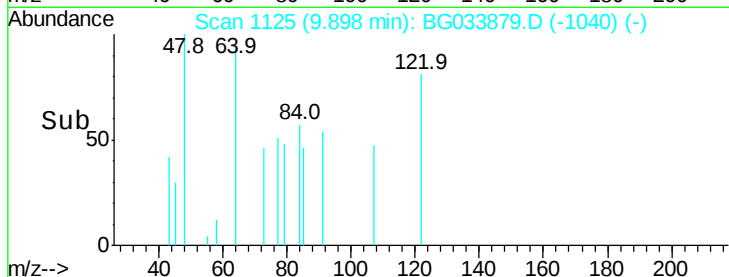
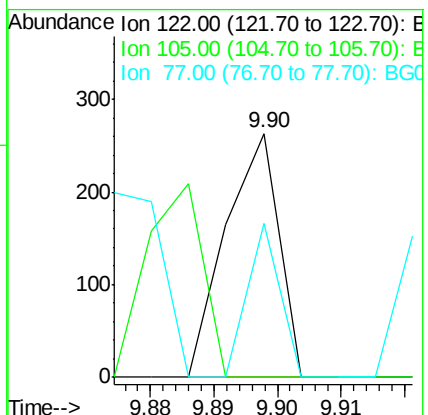
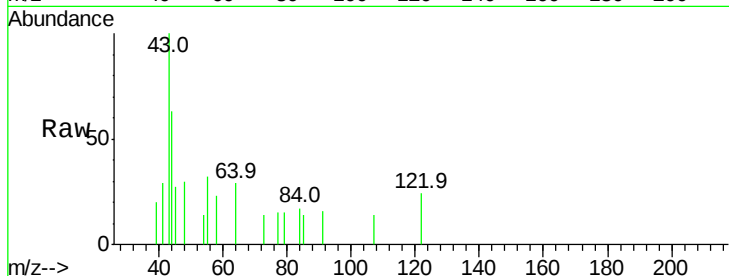




#32
Benzoic acid
Concen: 5.114 ng
RT: 9.90 min Scan# 1125
Delta R.T. -0.03 min
Lab File: BG033879.D
Acq: 19 Apr 2018 21:36

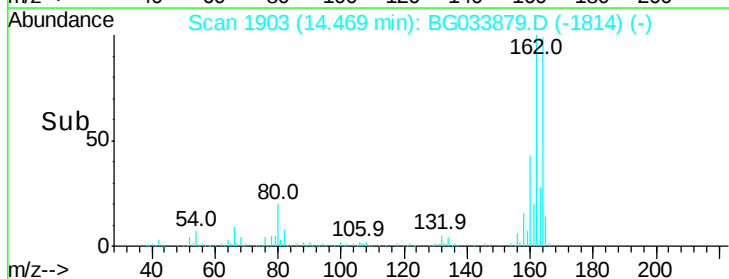
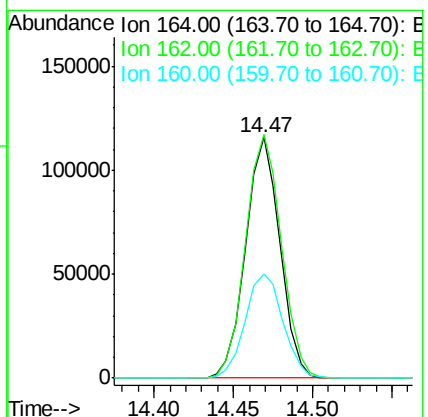
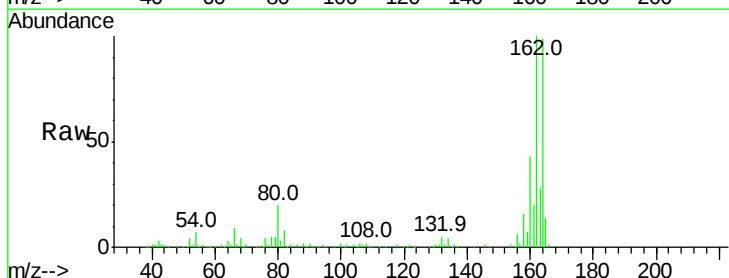
Instrument :
BNA_G
ClientSampleId :

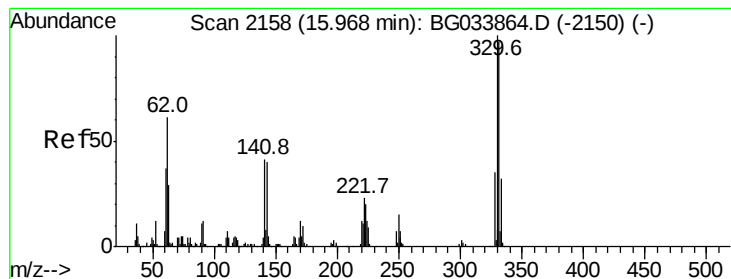
Tot Ion:122 Resp: 151
Ion Ratio Lower Upper
122 100
105 0.0 123.5 163.5#
77 63.1 85.7 125.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.47 min Scan# 1903
Delta R.T. -0.01 min
Lab File: BG033879.D
Acq: 19 Apr 2018 21:36

Tgt Ion:164 Resp: 174048
Ion Ratio Lower Upper
164 100
162 101.0 78.8 118.2
160 43.2 35.4 53.0





#41

2,4,6-Tribromophenol

Concen: 182.865 ng

RT: 15.96 min Scan# 2157

Delta R.T. -0.01 min

Lab File: BG033879.D

Acq: 19 Apr 2018 21:36

Instrument :

BNA_G

ClientSampleId :

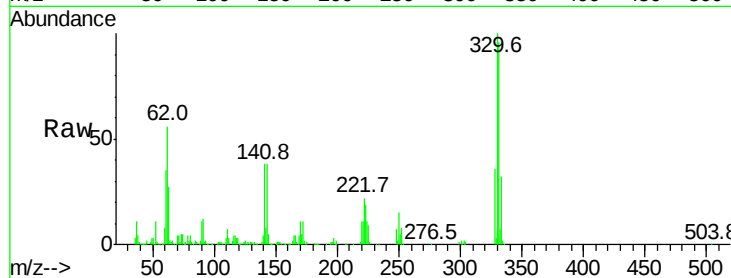
Tot Ion:330 Resp: 371317

Ion Ratio Lower Upper

330 100

332 95.3 77.0 115.6

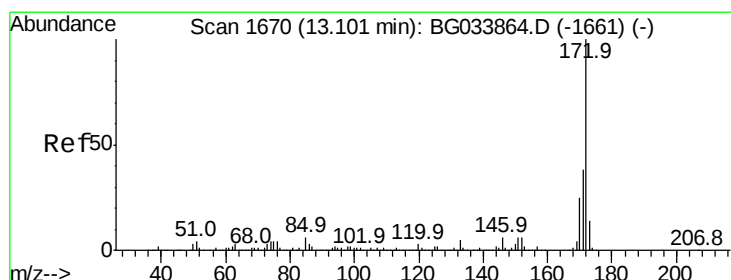
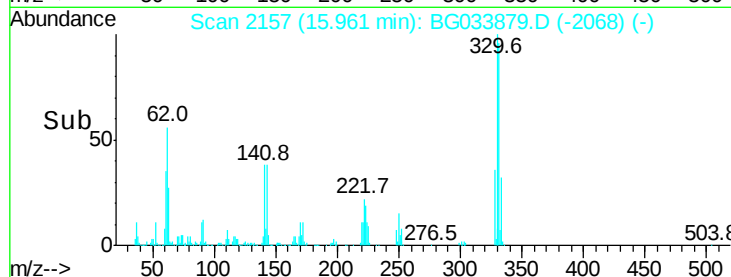
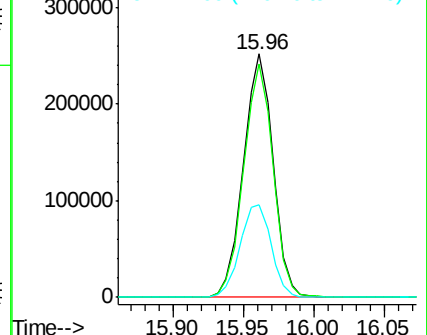
141 40.0 25.2 37.8#



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: 109.741 ng

RT: 13.09 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BG033879.D

Acq: 19 Apr 2018 21:36

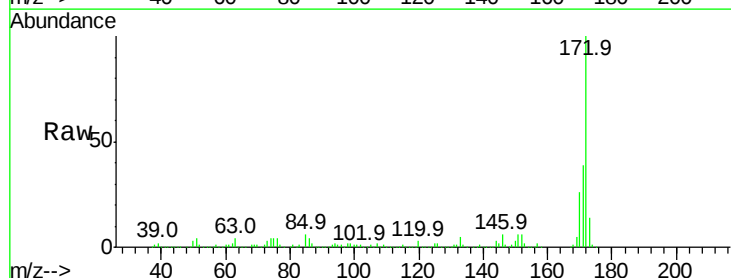
Tgt Ion:172 Resp: 1300192

Ion Ratio Lower Upper

172 100

171 39.1 30.0 45.0

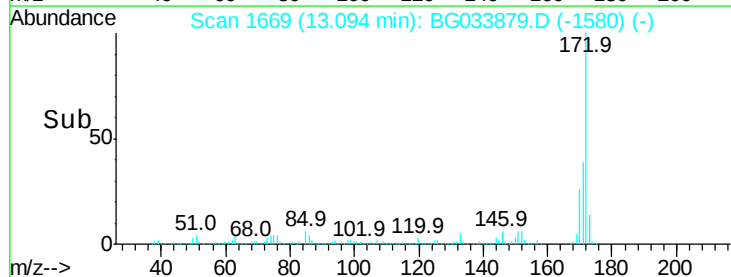
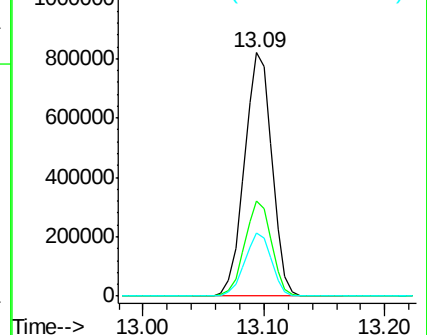
170 26.1 19.5 29.3

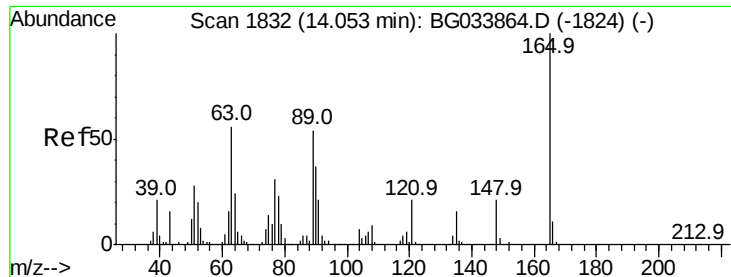


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

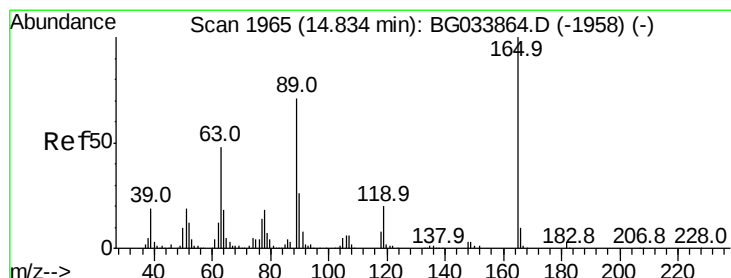
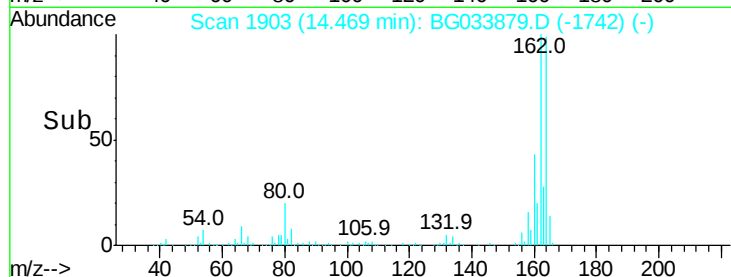
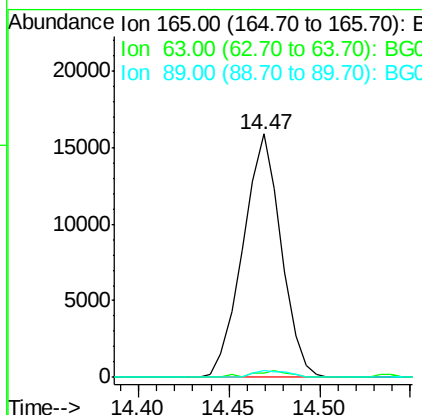
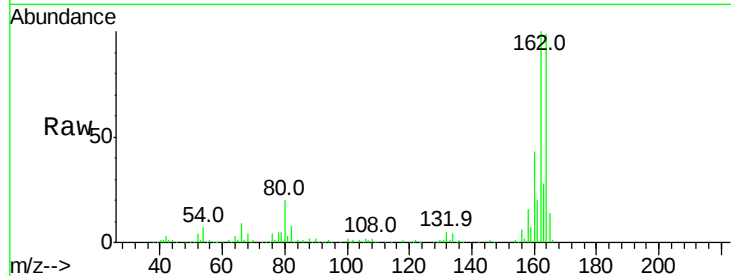




#50
 2,6-Dinitrotoluene
 Concen: 8.000 ng
 RT: 14.47 min Scan# 1903
 Delta R.T. 0.42 min
 Lab File: BG033879.D
 Acq: 19 Apr 2018 21:36

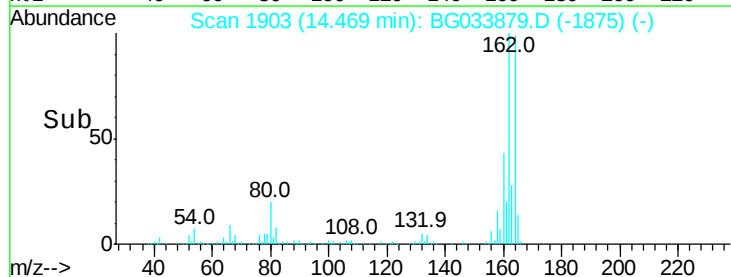
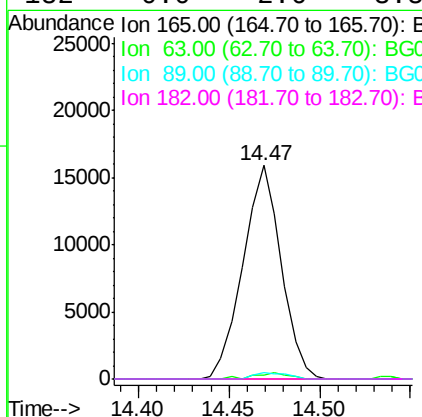
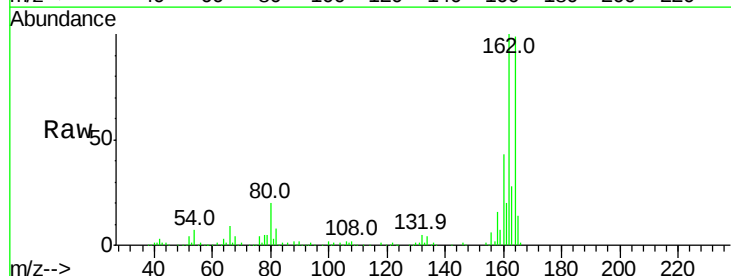
Instrument :
 BNA_G
 ClientSampleId :

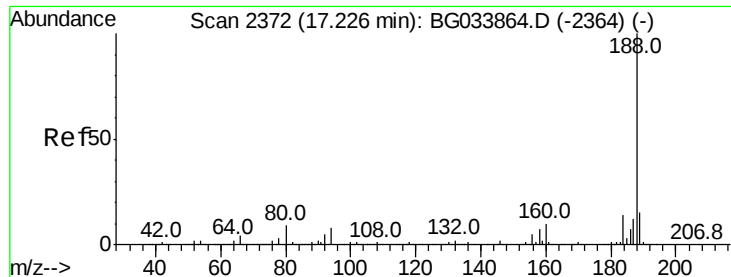
Tot Ion:165 Resp: 23210
 Ion Ratio Lower Upper
 165 100
 63 1.9 52.7 79.1#
 89 2.7 49.2 73.8#



#56
 2,4-Dinitrotoluene
 Concen: 6.016 ng
 RT: 14.47 min Scan# 1903
 Delta R.T. -0.37 min
 Lab File: BG033879.D
 Acq: 19 Apr 2018 21:36

Tgt Ion:165 Resp: 23210
 Ion Ratio Lower Upper
 165 100
 63 1.9 42.0 63.0#
 89 2.7 66.9 100.3#
 182 0.0 2.6 3.8#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.22 min Scan# 2371

Delta R.T. -0.01 min

Lab File: BG033879.D

Acq: 19 Apr 2018 21:36

Instrument :

BNA_G

ClientSampleId :

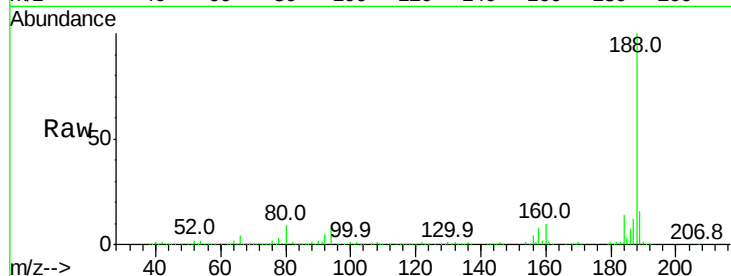
Tot Ion:188 Resp: 498659

Ion Ratio Lower Upper

188 100

94 8.0 6.9 10.3

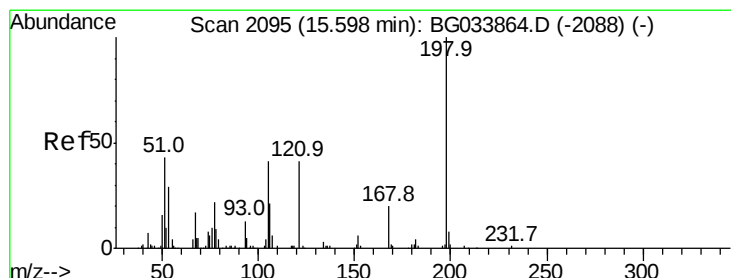
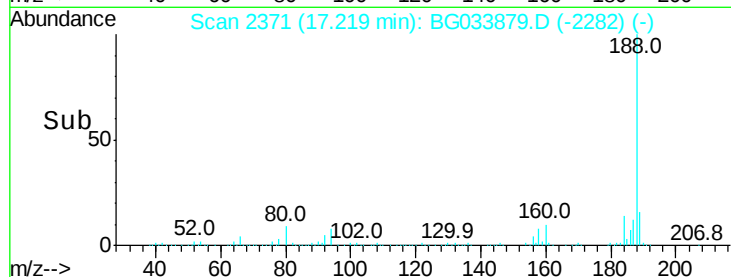
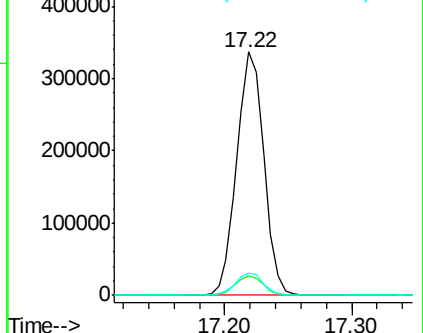
80 9.3 7.7 11.5



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



#64

4,6-Dinitro-2-methylphenol

Concen: 6.858 ng

RT: 15.96 min Scan# 2156

Delta R.T. 0.36 min

Lab File: BG033879.D

Acq: 19 Apr 2018 21:36

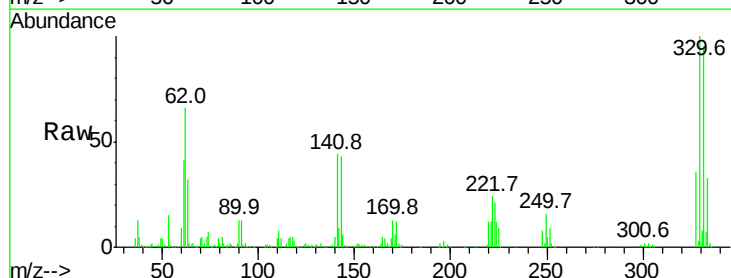
Tgt Ion:198 Resp: 1024

Ion Ratio Lower Upper

198 100

51 34.5 30.6 70.6

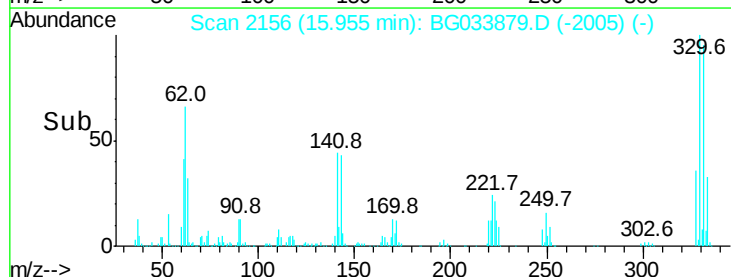
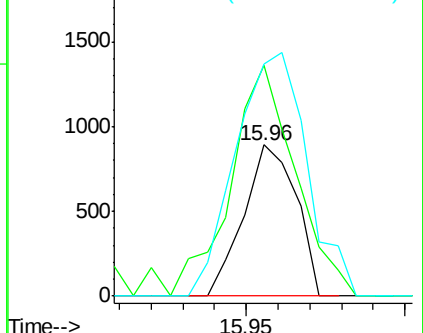
105 34.5 23.8 63.8

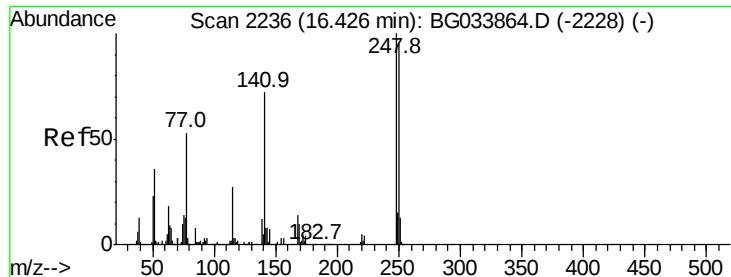


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

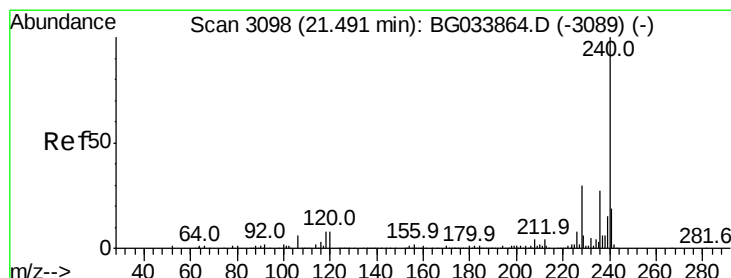
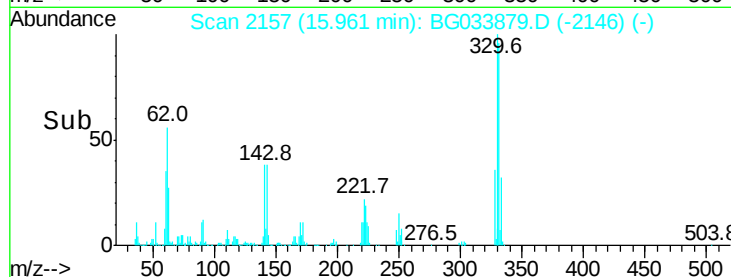
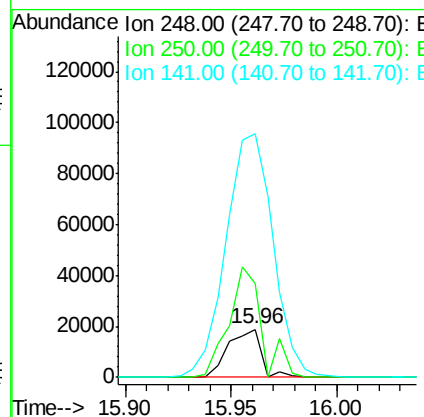
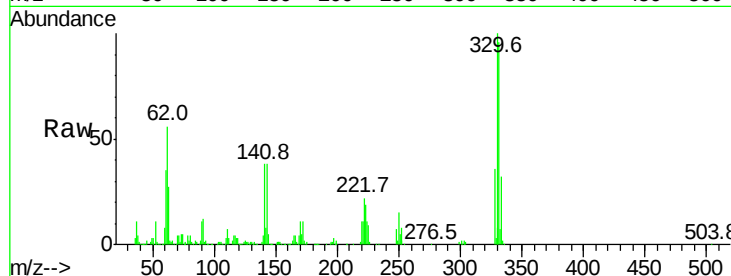




#66
 4-Bromophenyl-phenylether
 Concen: 3.707 ng
 RT: 15.96 min Scan# 2157
 Delta R.T. -0.47 min
 Lab File: BG033879.D
 Acq: 19 Apr 2018 21:36

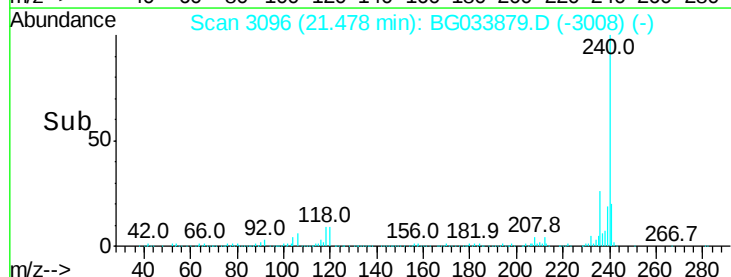
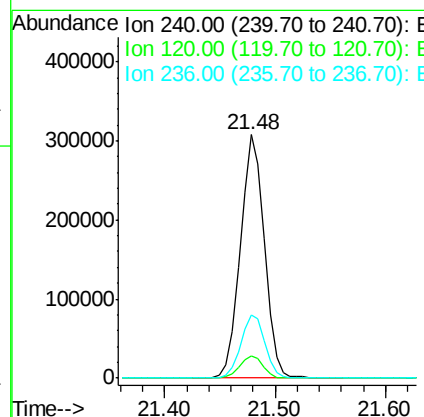
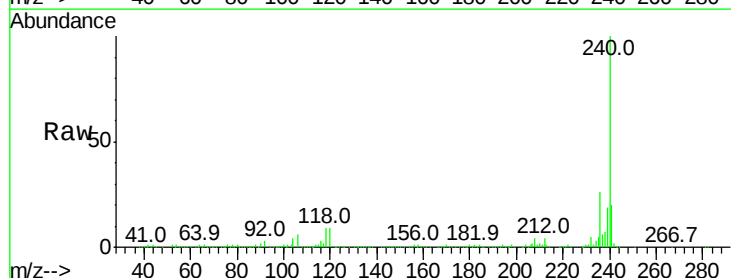
Instrument :
 BNA_G
 ClientSampleId :

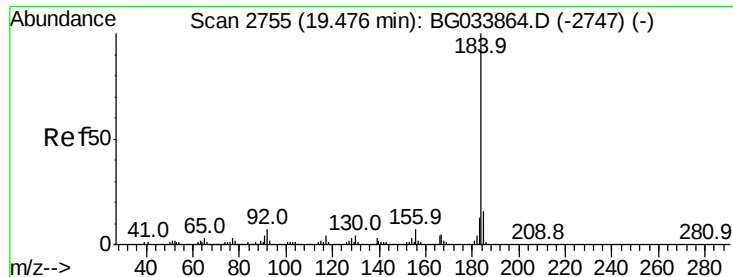
Tot Ion:248 Resp: 20298
 Ion Ratio Lower Upper
 248 100
 250 194.2 77.1 115.7#
 141 384.8 50.8 76.2#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.48 min Scan# 3096
 Delta R.T. -0.01 min
 Lab File: BG033879.D
 Acq: 19 Apr 2018 21:36

Tgt Ion:240 Resp: 471197
 Ion Ratio Lower Upper
 240 100
 120 9.0 6.8 10.2
 236 26.2 20.9 31.3





#76

Benzidine

Concen: 3.009 ng

RT: 19.86 min Scan# 2821

Delta R.T. 0.39 min

Lab File: BG033879.D

Acq: 19 Apr 2018 21:36

Instrument :

BNA_G

ClientSampleId :

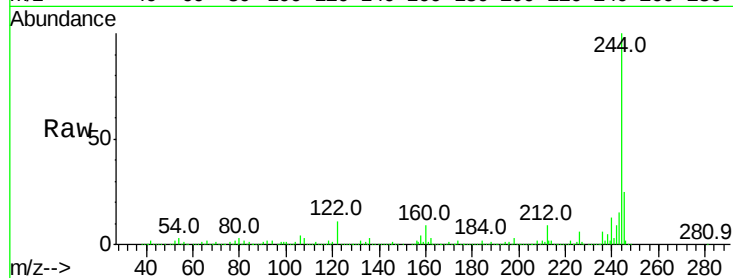
Tot Ion:184 Resp: 38282

Ion Ratio Lower Upper

184 100

185 15.9 11.1 16.7

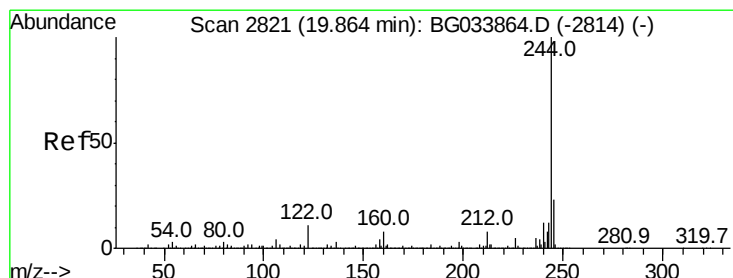
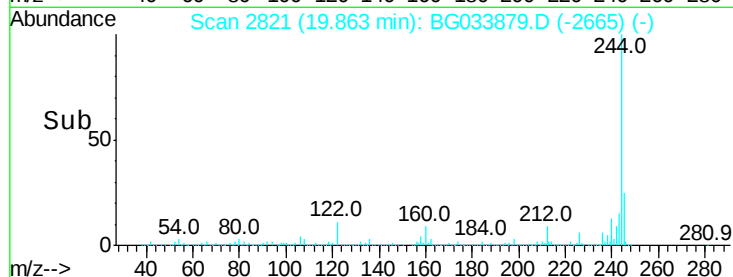
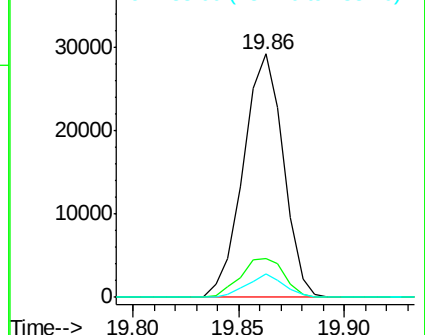
183 9.7 10.6 16.0#



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: 107.324 ng

RT: 19.86 min Scan# 2821

Delta R.T. -0.00 min

Lab File: BG033879.D

Acq: 19 Apr 2018 21:36

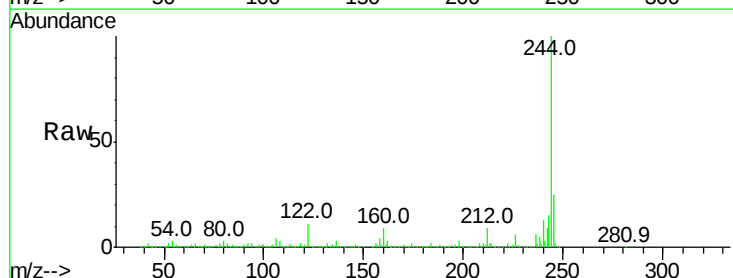
Tgt Ion:244 Resp: 2250983

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

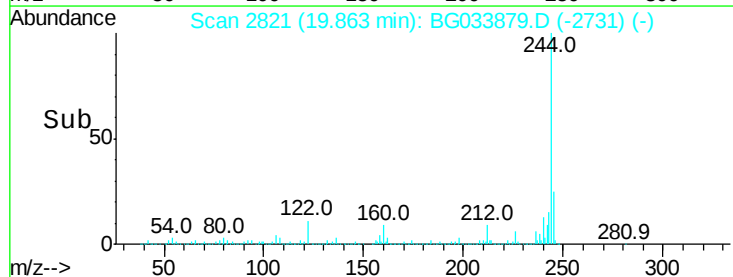
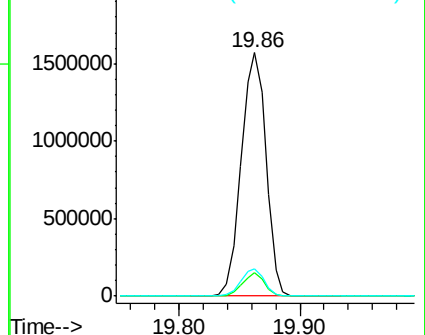
122 11.4 7.0 10.4#

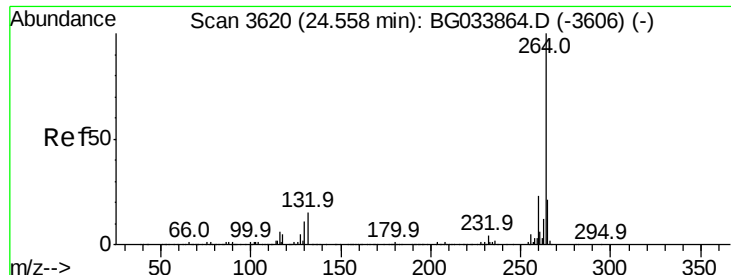


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.54 min Scan# 3617
Delta R.T. -0.02 min
Lab File: BG033879.D
Acq: 19 Apr 2018 21:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 48889
Ion Ratio Lower Upper
264 100
260 33.0 17.4 26.0#
265 18.3 17.7 26.5

