

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040618\
 Data File : BG033631.D
 Acq On : 6 Apr 2018 16:56
 Operator : SJ/JU
 Sample : J2153-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 07 00:50:10 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

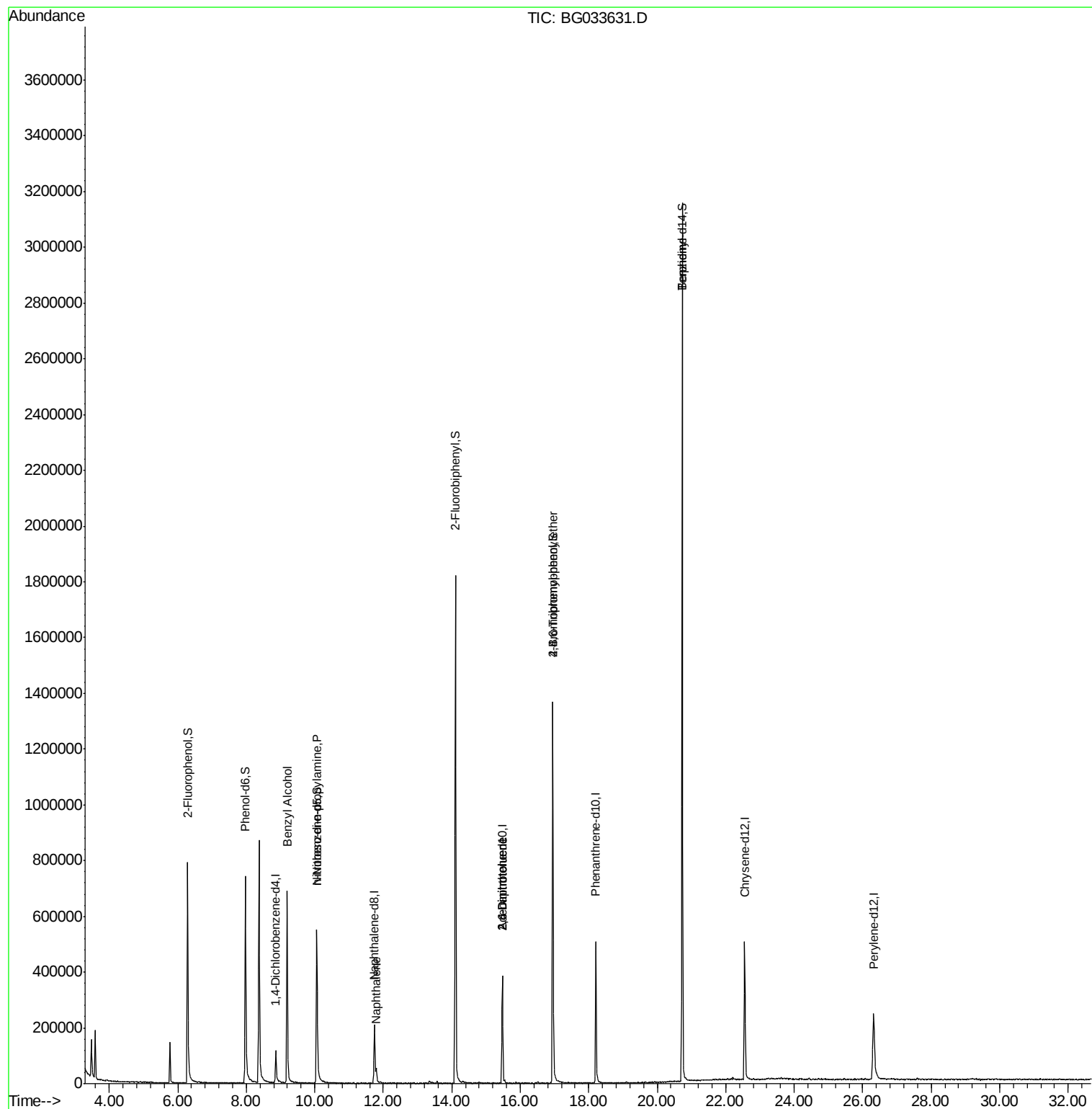
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	43455	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	199074	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	145544	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	356819	20.00	ng	0.00
75) Chrysene-d12	22.55	240	353271	20.00	ng	0.00
86) Perylene-d12	26.32	264	353107	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	378683	163.40	ng	0.00
7) Phenol-d6	7.98	99	519188	130.39	ng	0.00
23) Nitrobenzene-d5	10.06	82	433532	100.05	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	264493	121.51	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	1020204	101.19	ng	0.00
78) Terphenyl-d14	20.73	244	1640767	99.33	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	7286	2.324	ng	# 51
19) n-Nitroso-di-n-propylamine	10.06	70	58379	20.008	ng	# 73
31) Naphthalene	11.80	128	41870	4.059	ng	# 100
50) 2,6-Dinitrotoluene	15.47	165	20349	7.857	ng	# 21
56) 2,4-Dinitrotoluene	15.47	165	20349	5.336	ng	# 19
66) 4-Bromophenyl-phenylether	16.95	248	21066	5.027	ng	# 1
76) Benizidine	20.73	184	29053	3.033	ng	# 94

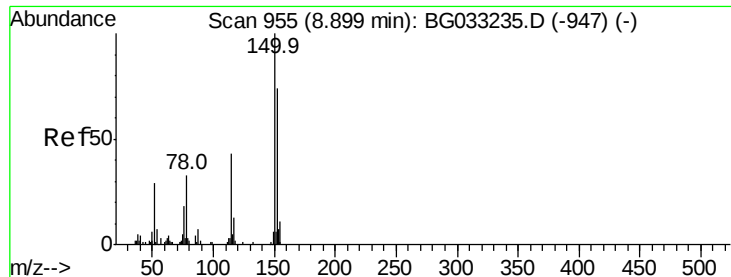
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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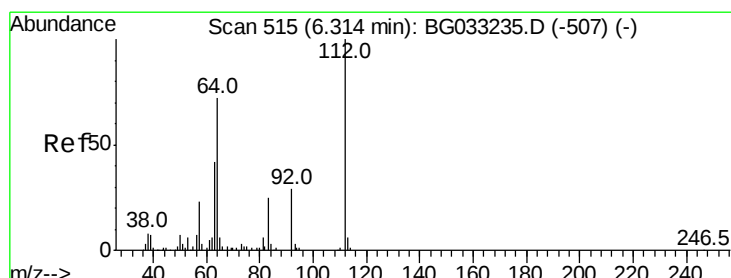
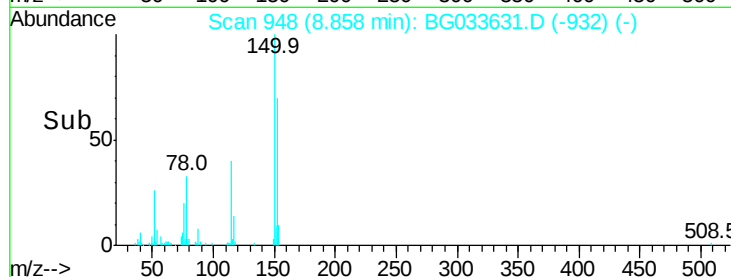
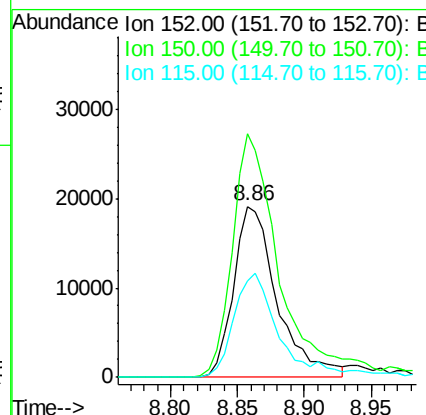
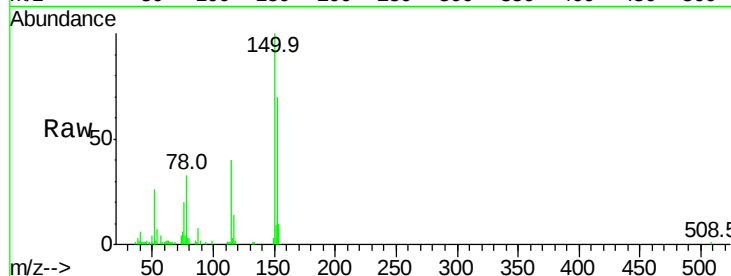


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG033631.D
Acq: 6 Apr 2018 16:56

Instrument :
BNA_G
ClientSampleId :

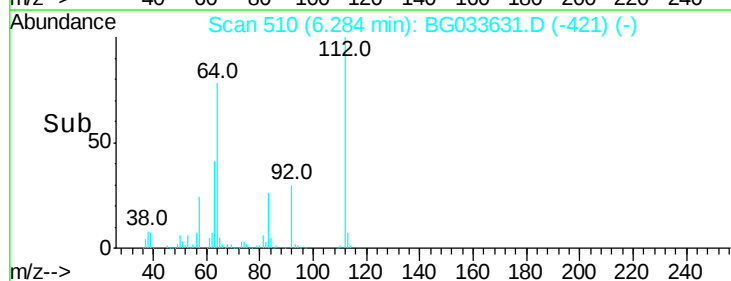
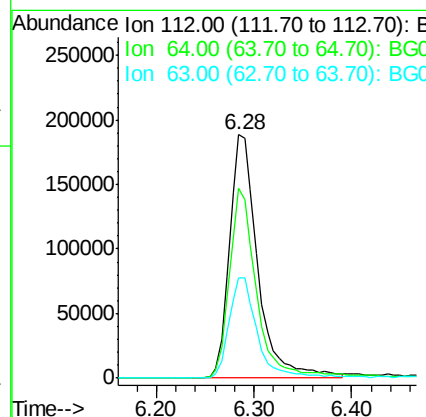
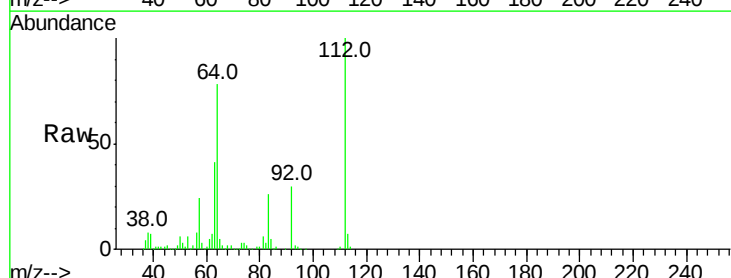
Tot Ion	Ratio	Lower	Upper
152	100		
150	142.6	126.6	189.8
115	56.7	53.0	79.4

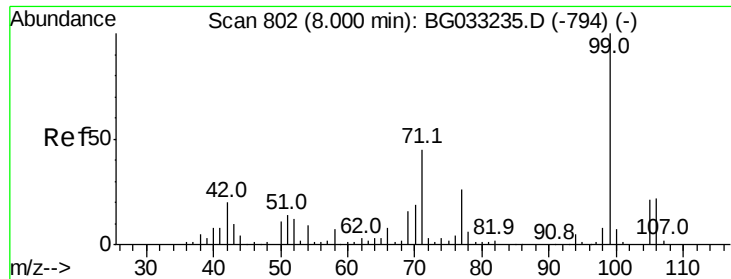


#5

2-Fluorophenol
Concen: 163.405 ng
RT: 6.28 min Scan# 510
Delta R.T. -0.01 min
Lab File: BG033631.D
Acq: 6 Apr 2018 16:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	78.1	56.3	84.5
63	41.1	30.1	45.1





#7

Phenol-d6

Concen: 130.388 ng

RT: 7.98 min Scan# 798

Delta R.T. 0.01 min

Lab File: BG033631.D

Acq: 6 Apr 2018 16:56

Instrument :

BNA_G

ClientSampleId :

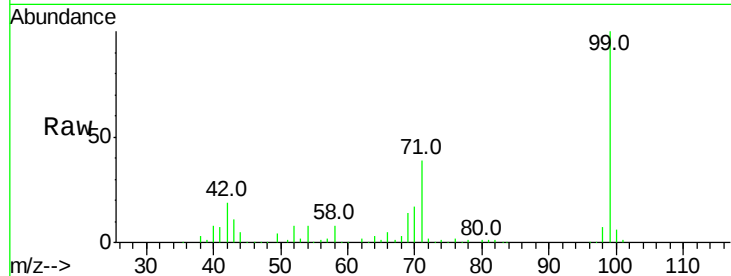
Tot Ion: 99 Resp: 519188

Ion Ratio Lower Upper

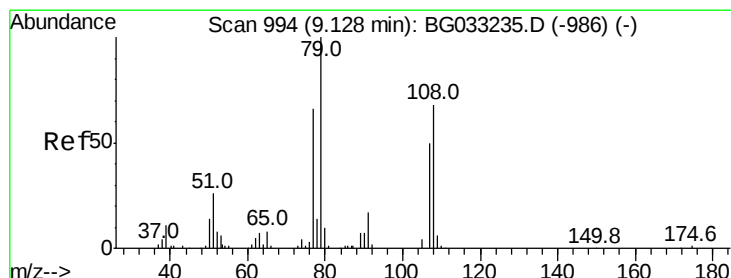
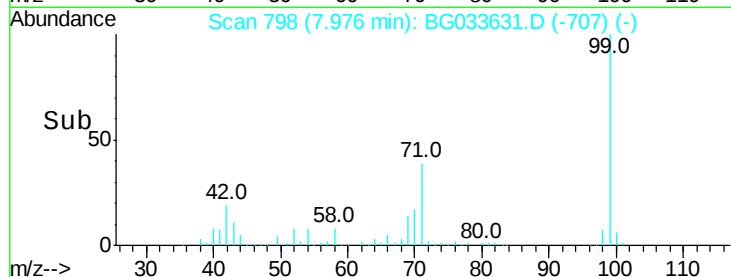
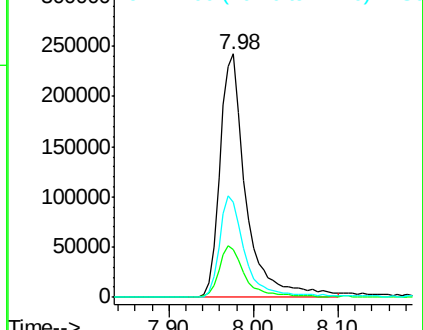
99 100

42 19.4 14.1 21.1

71 39.2 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: 2.324 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.09 min

Lab File: BG033631.D

Acq: 6 Apr 2018 16:56

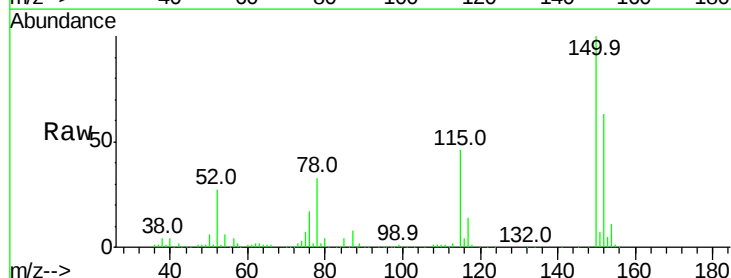
Tgt Ion: 79 Resp: 7286

Ion Ratio Lower Upper

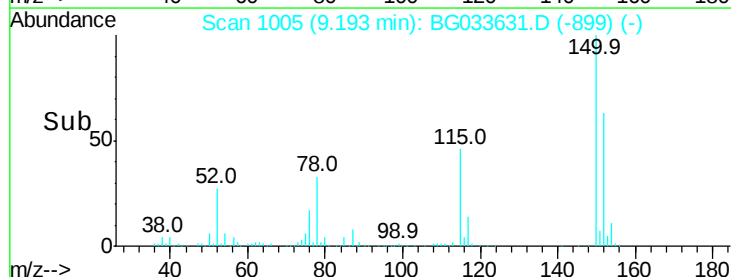
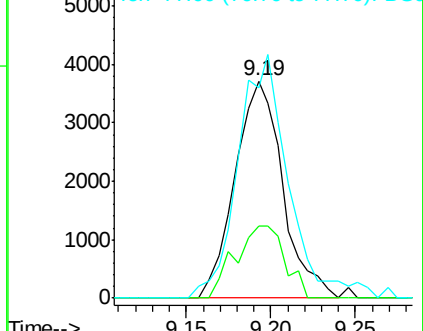
79 100

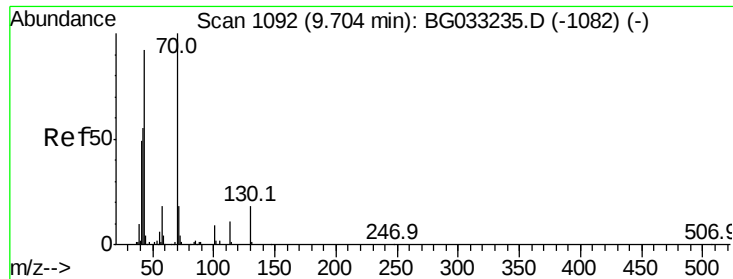
108 33.4 57.2 85.8#

77 96.8 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

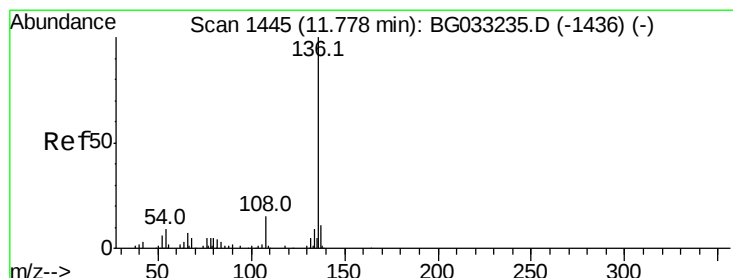
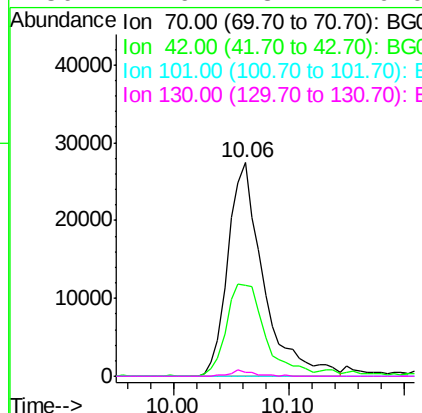
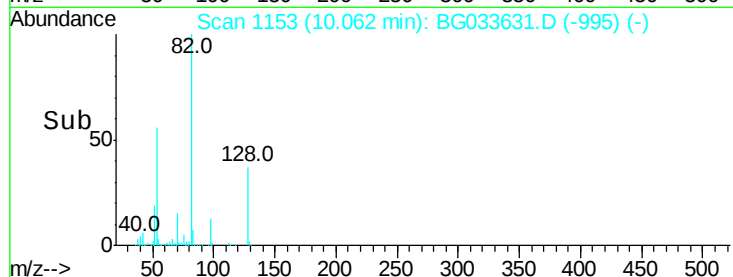
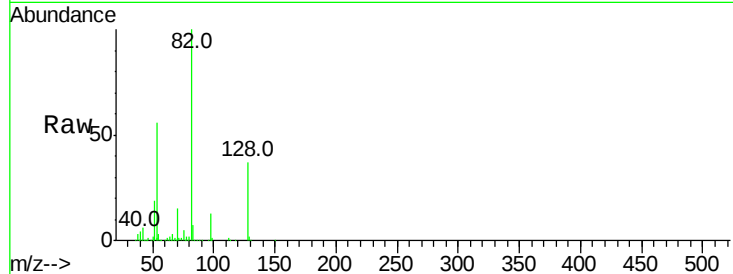




#19
 n-Nitroso-di-n-propylamine
 Concen: 20.008 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. 0.40 min
 Lab File: BG033631.D
 Acq: 6 Apr 2018 16:56

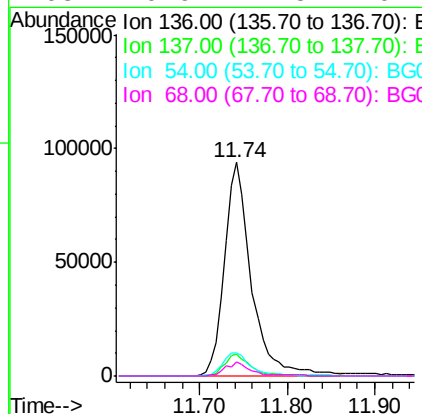
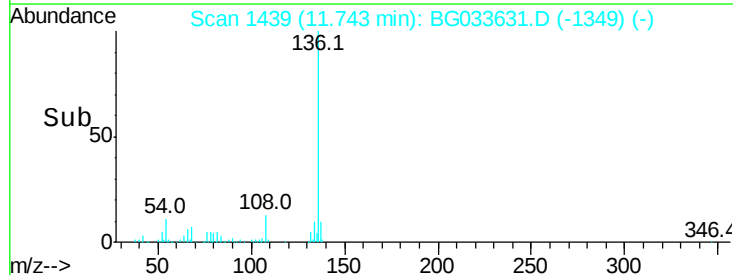
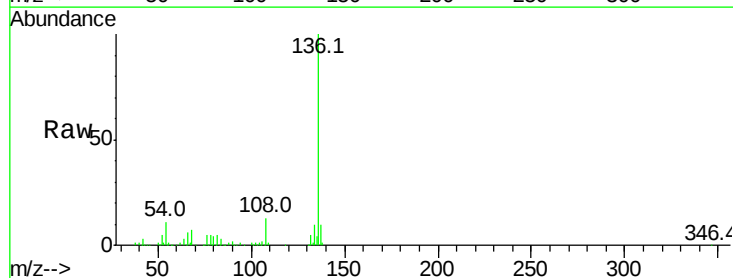
Instrument :
 BNA_G
 ClientSampleId :

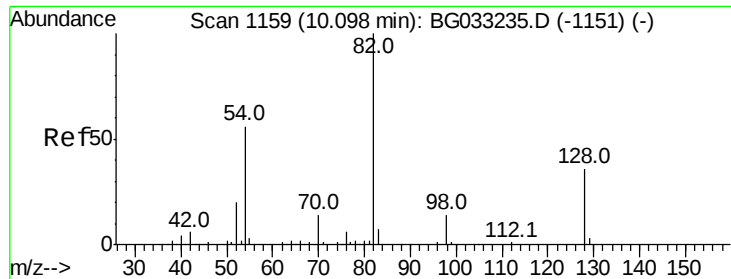
Tot Ion: 70 Resp: 58379
 Ion Ratio Lower Upper
 70 100
 42 42.8 49.1 73.7#
 101 0.0 8.5 12.7#
 130 1.6 13.4 20.0#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 11.74 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BG033631.D
 Acq: 6 Apr 2018 16:56

Tgt Ion: 136 Resp: 199074
 Ion Ratio Lower Upper
 136 100
 137 10.2 9.2 13.8
 54 10.8 10.3 15.5
 68 6.6 4.5 6.7

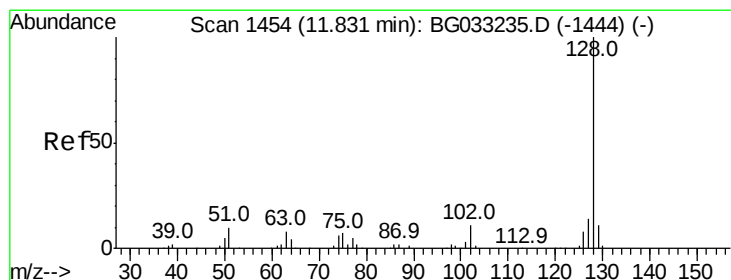
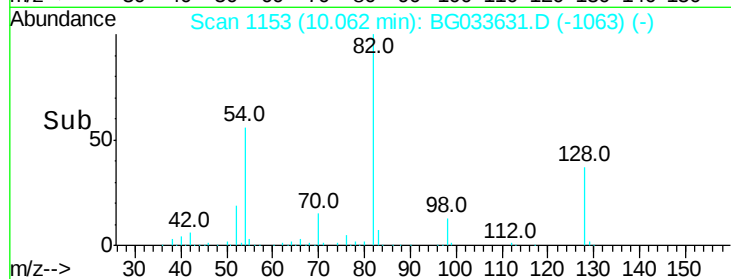
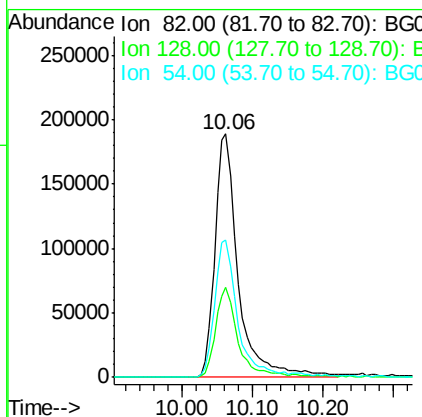
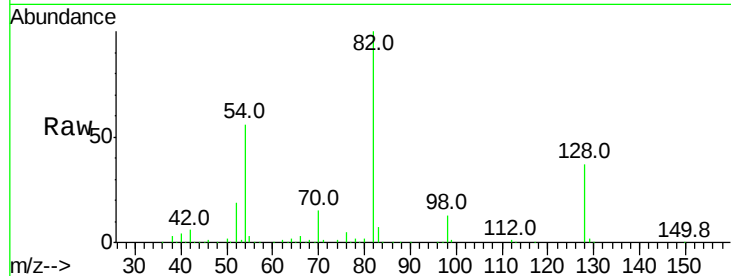




#23
Nitrobenzene-d5
Concen: 100.054 ng
RT: 10.06 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BG033631.D
Acq: 6 Apr 2018 16:56

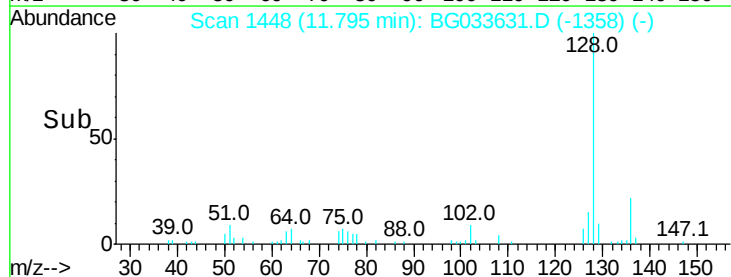
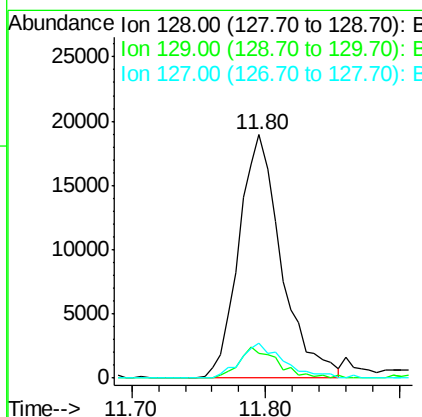
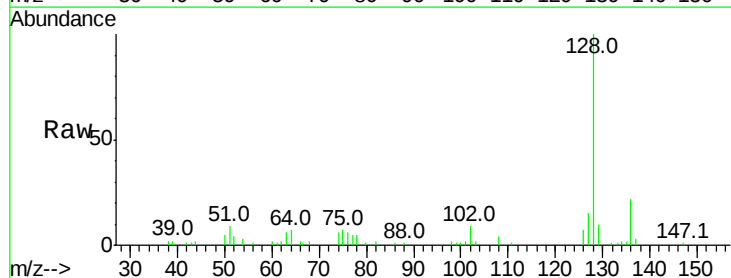
Instrument :
BNA_G
ClientSampleId :

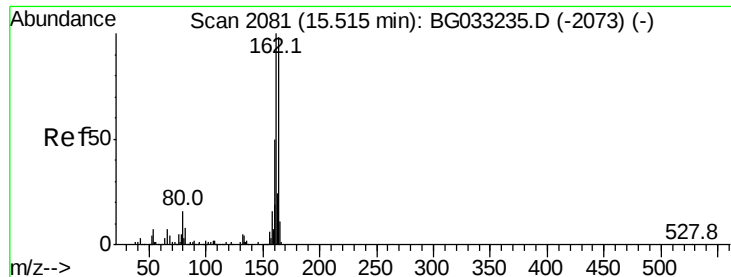
Tot Ion: 82 Resp: 433532
Ion Ratio Lower Upper
82 100
128 36.7 29.7 44.5
54 56.3 43.1 64.7



#31
Naphthalene
Concen: 4.059 ng
RT: 11.80 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BG033631.D
Acq: 6 Apr 2018 16:56

Tgt Ion:128 Resp: 41870
Ion Ratio Lower Upper
128 100
129 10.4 8.6 12.8
127 14.5 11.6 17.4

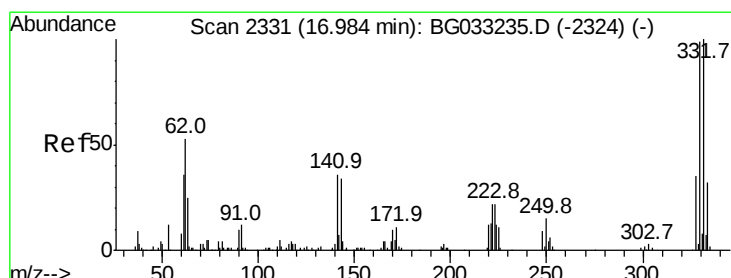
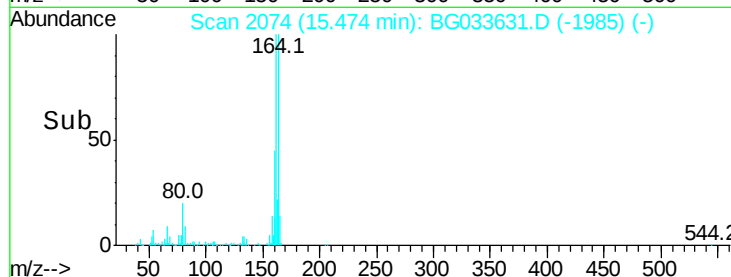
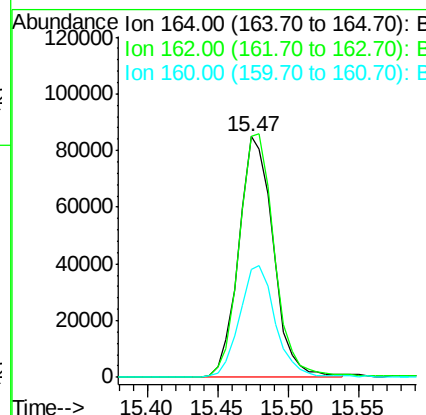
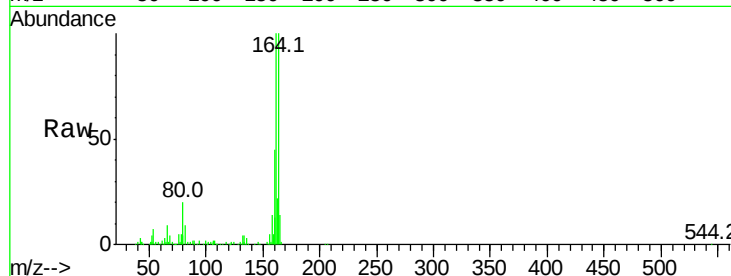




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.47 min Scan# 2074
Delta R.T. -0.01 min
Lab File: BG033631.D
Acq: 6 Apr 2018 16:56

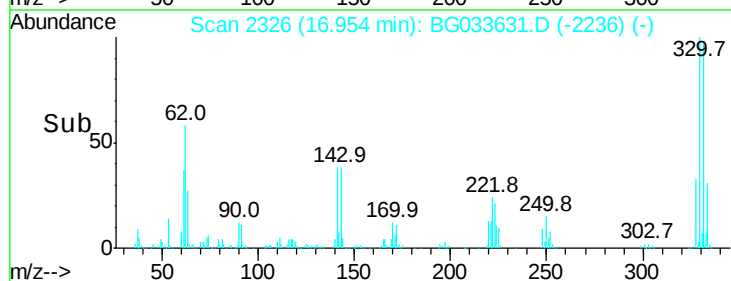
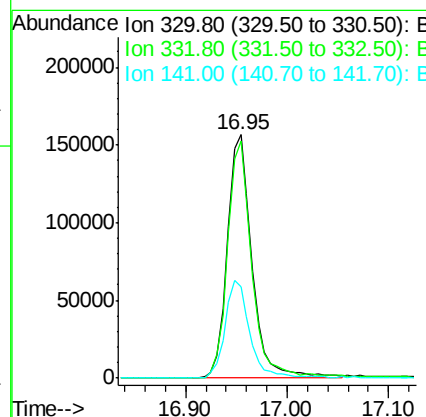
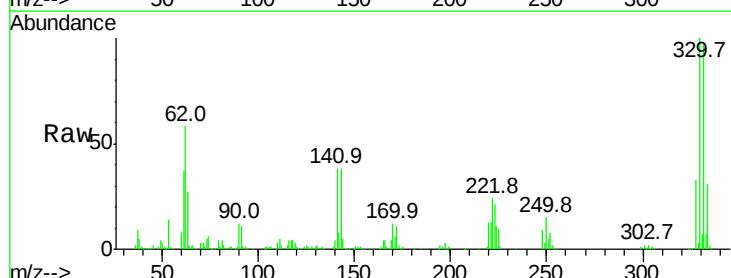
Instrument :
BNA_G
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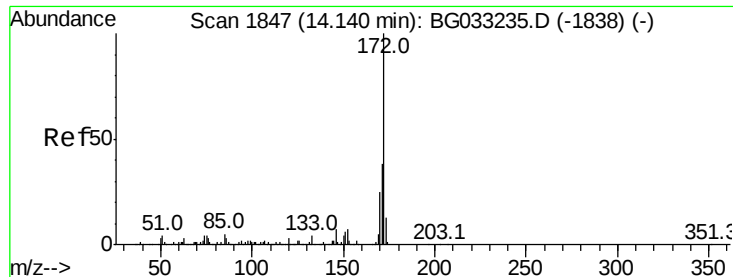
Tot Ion:164 Resp: 145544
Ion Ratio Lower Upper
164 100
162 100.0 78.8 118.2
160 45.0 35.4 53.0



#41
2,4,6-Tribromophenol
Concen: 121.507 ng
RT: 16.95 min Scan# 2326
Delta R.T. -0.00 min
Lab File: BG033631.D
Acq: 6 Apr 2018 16:56

Tgt Ion:330 Resp: 264493
Ion Ratio Lower Upper
330 100
332 95.5 77.0 115.6
141 40.1 25.2 37.8#

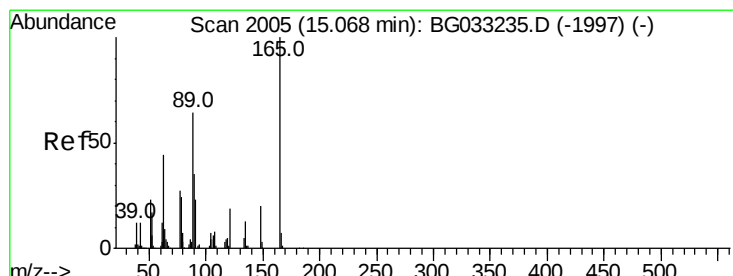
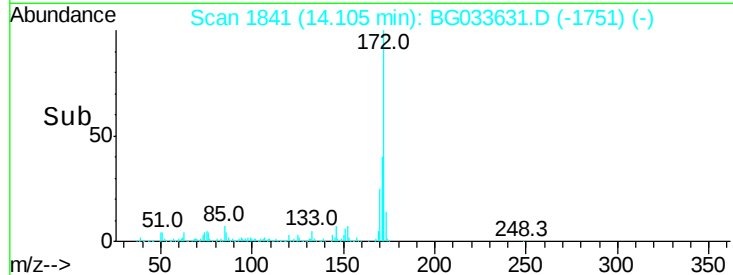
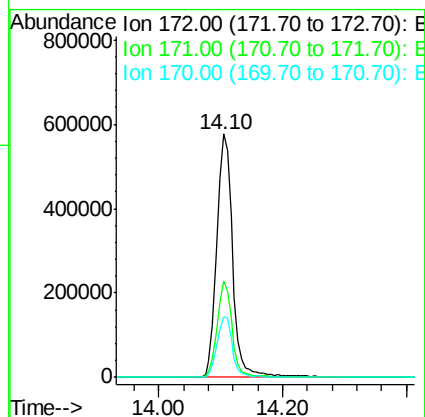
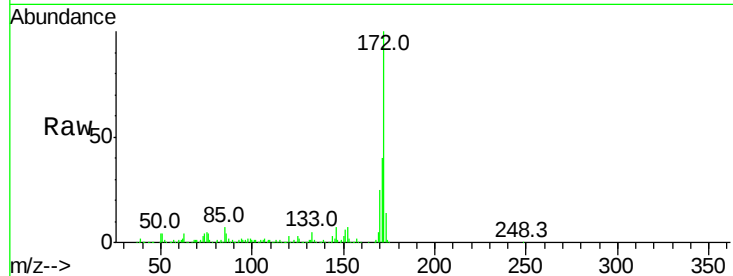




#44
 2-Fluorobiphenyl
 Concen: 101.193 ng
 RT: 14.10 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BG033631.D
 Acq: 6 Apr 2018 16:56

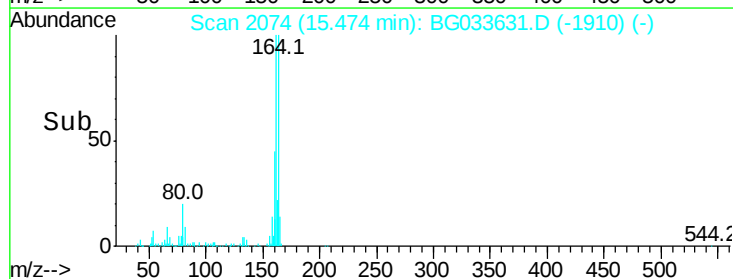
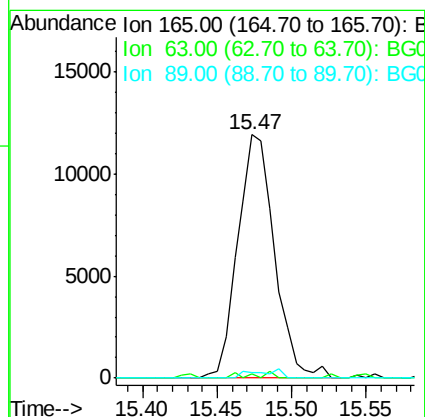
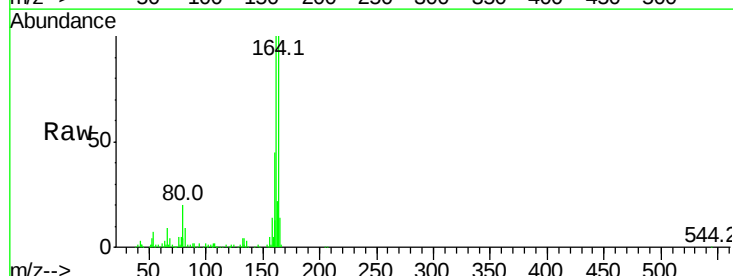
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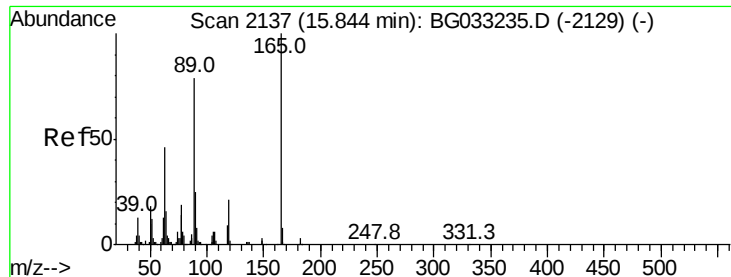
Tot Ion:172 Resp: 1020204
 Ion Ratio Lower Upper
 172 100
 171 39.6 30.0 45.0
 170 25.0 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.857 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. 0.43 min
 Lab File: BG033631.D
 Acq: 6 Apr 2018 16:56

Tgt Ion:165 Resp: 20349
 Ion Ratio Lower Upper
 165 100
 63 1.9 52.7 79.1#
 89 2.1 49.2 73.8#





#56

2,4-Dinitrotoluene

Concen: 5.336 ng

RT: 15.47 min Scan# 2074

Delta R.T. -0.34 min

Lab File: BG033631.D

Acq: 6 Apr 2018 16:56

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 20349

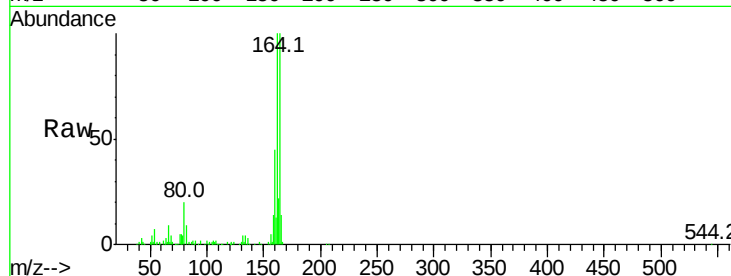
Ion Ratio Lower Upper

165 100

63 1.9 42.0 63.0#

89 2.1 66.9 100.3#

182 0.0 2.6 3.8#

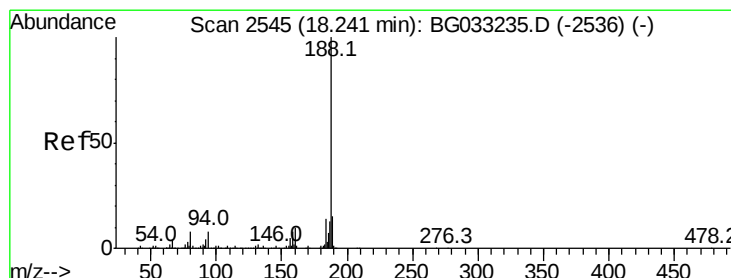
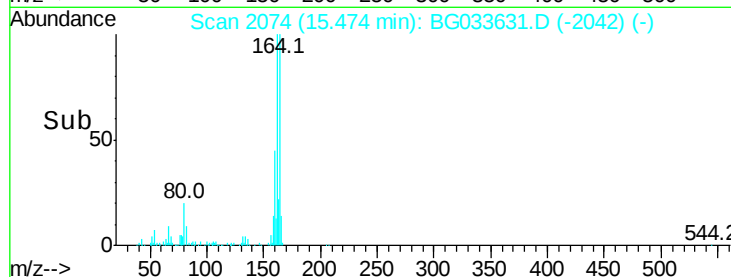
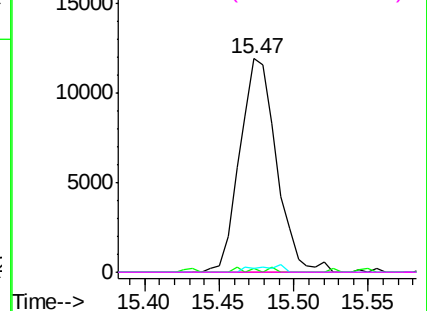


Abundance Ion 165.00 (164.70 to 165.70): E

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# 2539

Delta R.T. -0.01 min

Lab File: BG033631.D

Acq: 6 Apr 2018 16:56

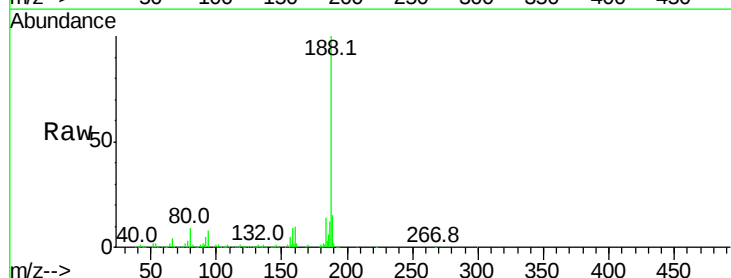
Tgt Ion:188 Resp: 356819

Ion Ratio Lower Upper

188 100

94 7.6 6.9 10.3

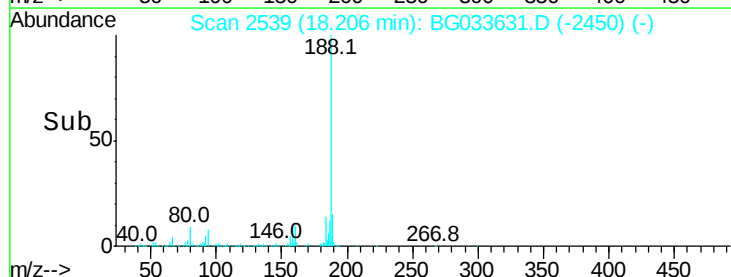
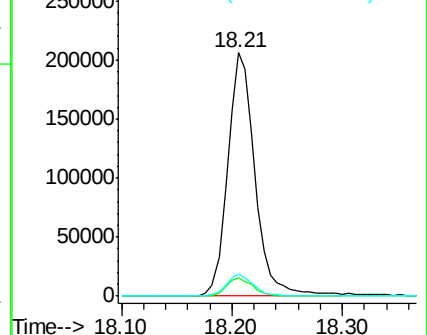
80 9.3 7.7 11.5



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

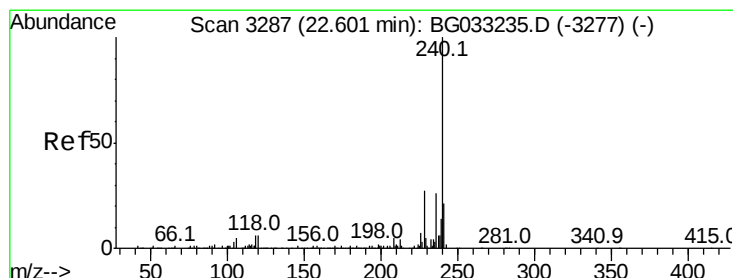
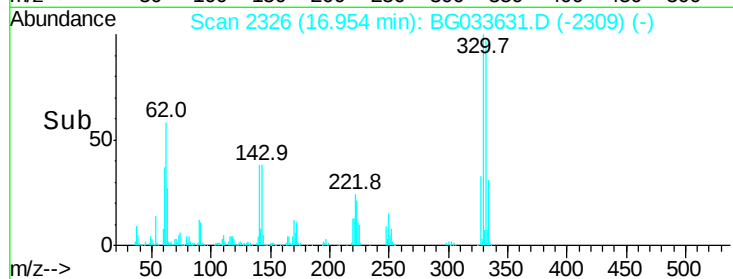
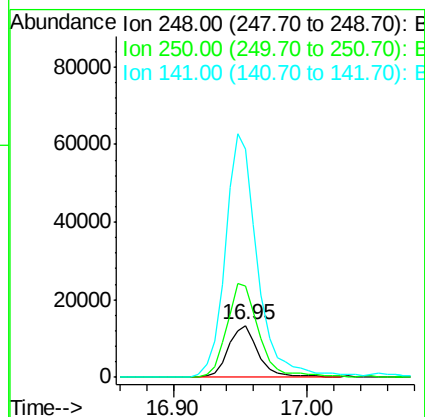
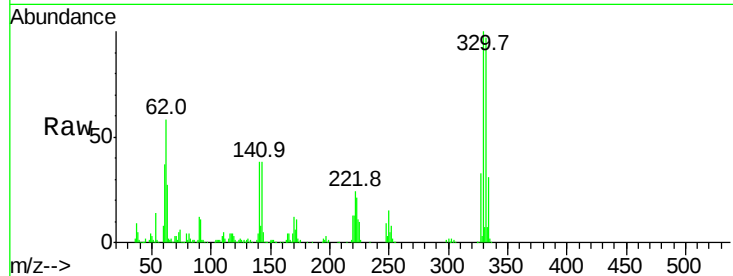




#66
 4-Bromophenyl-phenylether
 Concen: 5.027 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.43 min
 Lab File: BG033631.D
 Acq: 6 Apr 2018 16:56

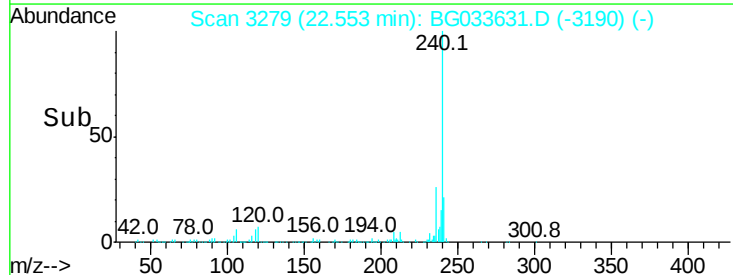
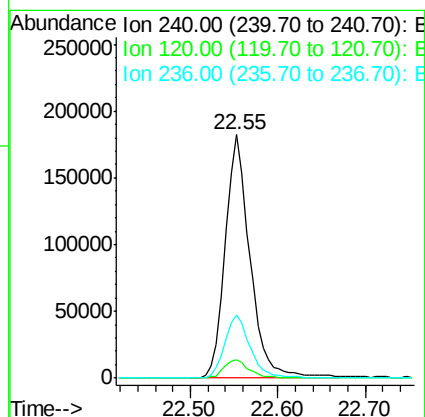
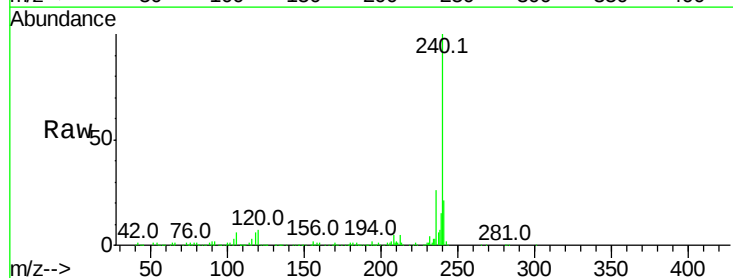
Instrument :
 BNA_G
 ClientSampleId :

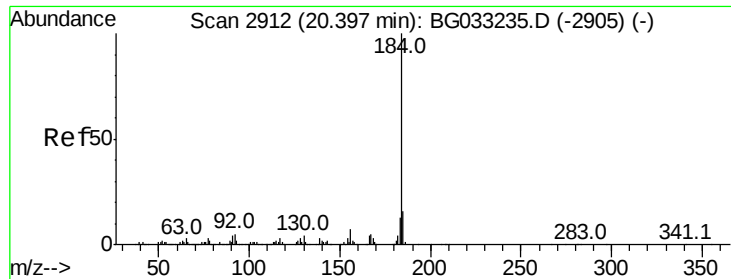
Tot Ion:248 Resp: 21066
 Ion Ratio Lower Upper
 248 100
 250 176.2 77.1 115.7#
 141 441.4 50.8 76.2#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.55 min Scan# 3279
 Delta R.T. -0.01 min
 Lab File: BG033631.D
 Acq: 6 Apr 2018 16:56

Tgt Ion:240 Resp: 353271
 Ion Ratio Lower Upper
 240 100
 120 7.5 6.8 10.2
 236 26.1 20.9 31.3





#76

Benzidine

Concen: 3.033 ng

RT: 20.73 min Scan# 2969

Delta R.T. 0.36 min

Lab File: BG033631.D

Acq: 6 Apr 2018 16:56

Instrument :

BNA_G

ClientSampleId :

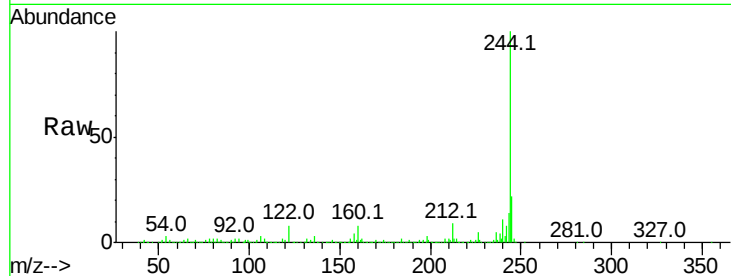
Tot Ion:184 Resp: 29053

Ion Ratio Lower Upper

184 100

185 16.1 11.1 16.7

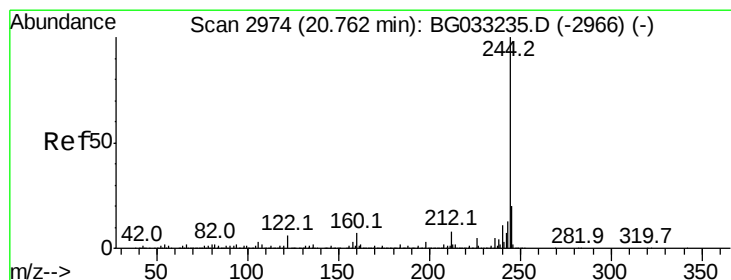
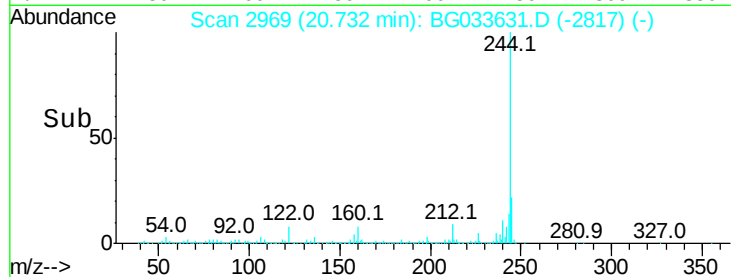
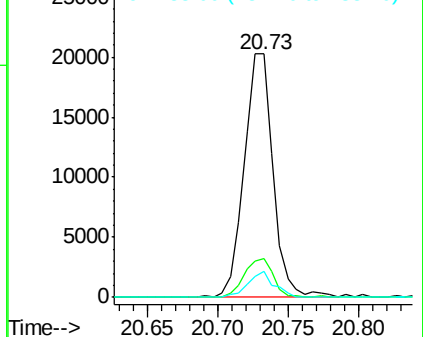
183 10.5 10.6 16.0#



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: 99.328 ng

RT: 20.73 min Scan# 2969

Delta R.T. 0.01 min

Lab File: BG033631.D

Acq: 6 Apr 2018 16:56

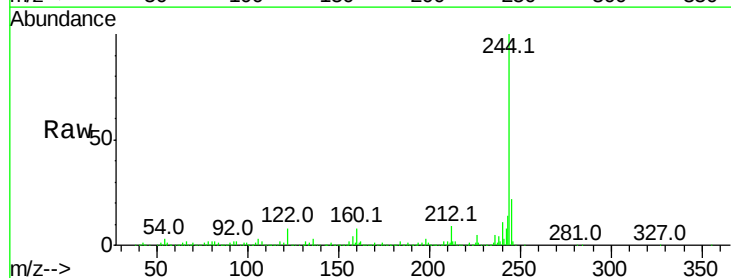
Tgt Ion:244 Resp: 1640767

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

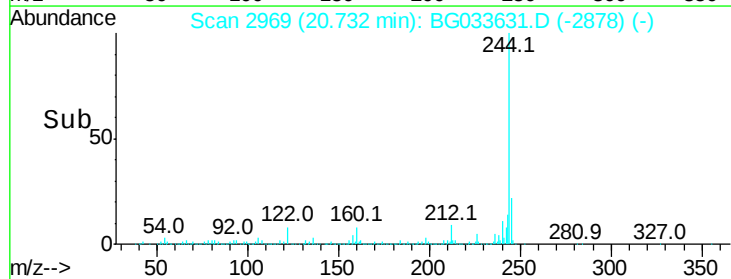
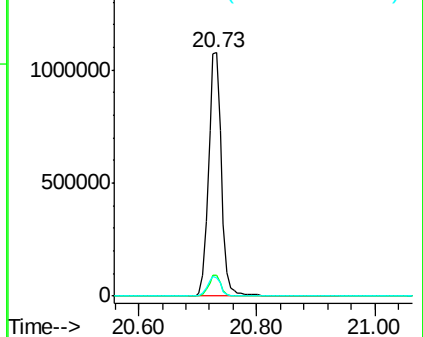
122 7.6 7.0 10.4



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: 26.32 min Scan# 3920
Delta R.T. -0.00 min
Lab File: BG033631.D
Acq: 6 Apr 2018 16:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.3	17.4	26.0#
265	22.2	17.7	26.5

