

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040618\
 Data File : BG033671.D
 Acq On : 7 Apr 2018 19:57
 Operator : SJ/JU
 Sample : J2225-11
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 09 02:04:52 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

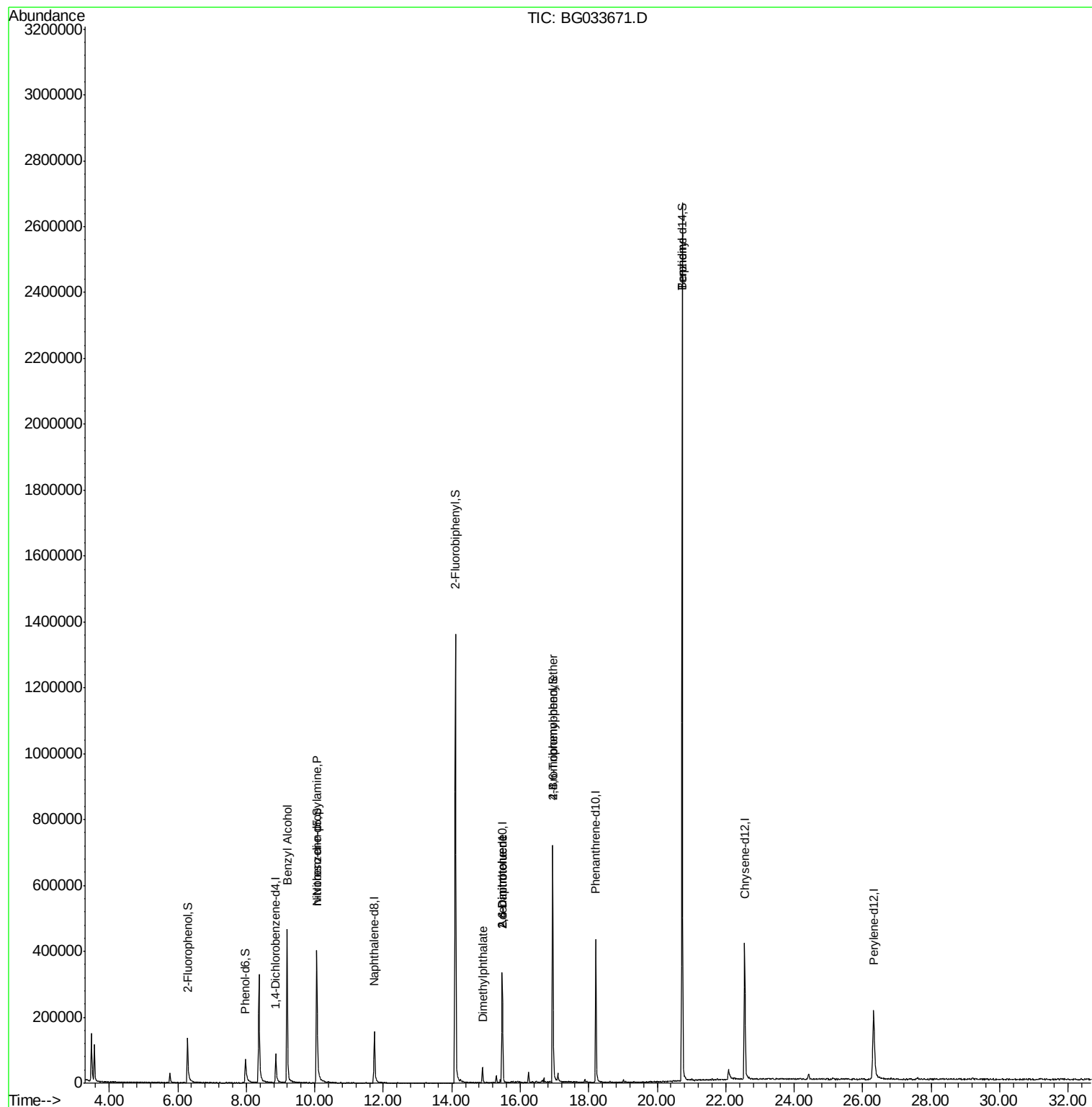
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	35149	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	159884	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	128130	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	301837	20.00	ng	0.00
75) Chrysene-d12	22.55	240	305740	20.00	ng	0.00
86) Perylene-d12	26.31	264	305163	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	82543	44.03	ng	0.00
7) Phenol-d6	7.98	99	68997	21.42	ng	0.00
23) Nitrobenzene-d5	10.06	82	328911	94.52	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	142477	74.35	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	795257	89.60	ng	0.00
78) Terphenyl-d14	20.73	244	1384181	96.82	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	5286	2.085	ng	# 40
19) n-Nitroso-di-n-propylamine	10.06	70	43277	18.337	ng	# 84
49) Dimethylphthalate	14.90	163	33329	2.989	ng	# 96
50) 2,6-Dinitrotoluene	15.47	165	16282	7.141	ng	# 19
56) 2,4-Dinitrotoluene	15.47	165	16282	4.850	ng	# 17
66) 4-Bromophenyl-phenylether	16.95	248	11635	3.282	ng	# 1
76) Benizidine	20.73	184	23441	2.827	ng	# 93

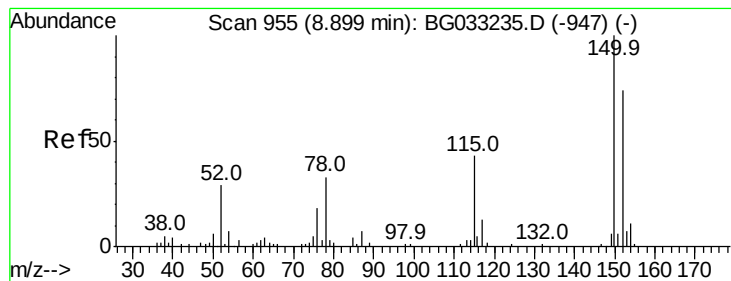
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG033671.D

Acq: 7 Apr 2018 19:57

Instrument :

BNA_G

ClientSampleId :

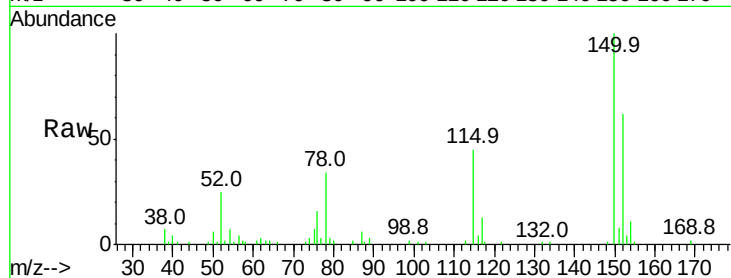
Tot Ion:152 Resp: 35149

Ion Ratio Lower Upper

152 100

150 160.8 126.6 189.8

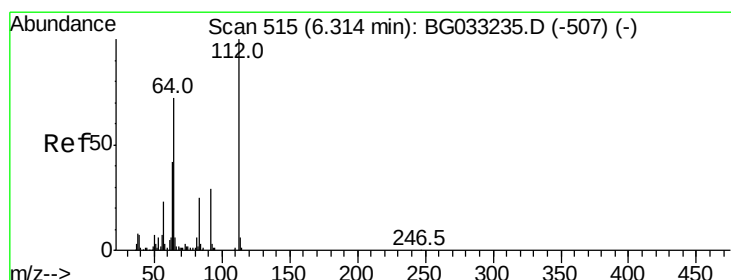
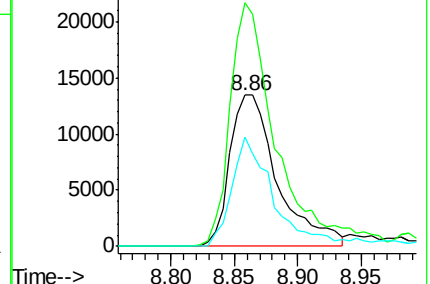
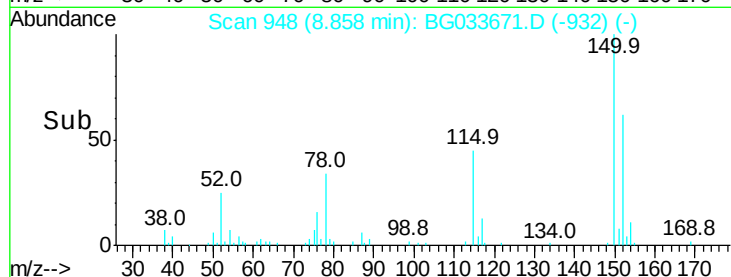
115 72.4 53.0 79.4



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: 44.035 ng

RT: 6.28 min Scan# 510

Delta R.T. -0.01 min

Lab File: BG033671.D

Acq: 7 Apr 2018 19:57

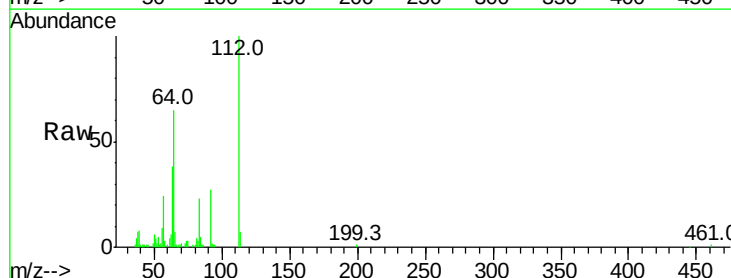
Tgt Ion:112 Resp: 82543

Ion Ratio Lower Upper

112 100

64 65.1 56.3 84.5

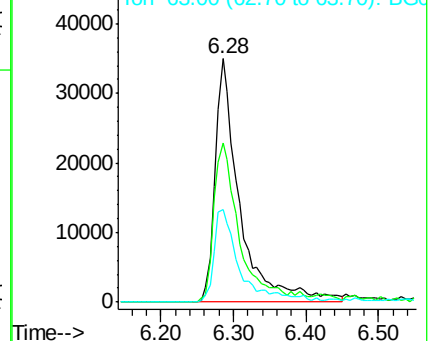
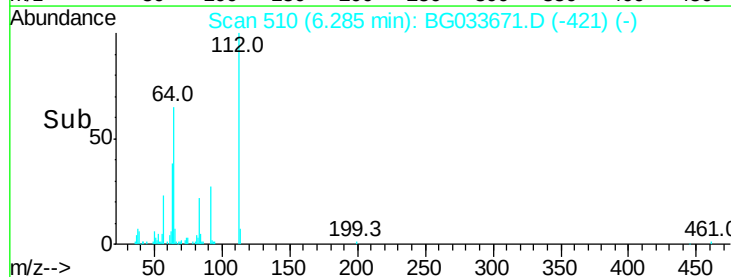
63 38.3 30.1 45.1

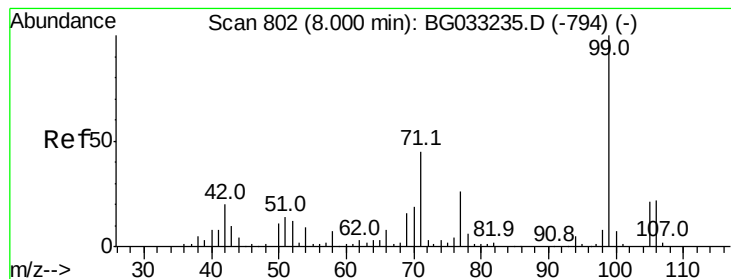


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 21.423 ng

RT: 7.98 min Scan# 798

Delta R.T. 0.01 min

Lab File: BG033671.D

Acq: 7 Apr 2018 19:57

Instrument :

BNA_G

ClientSampleId :

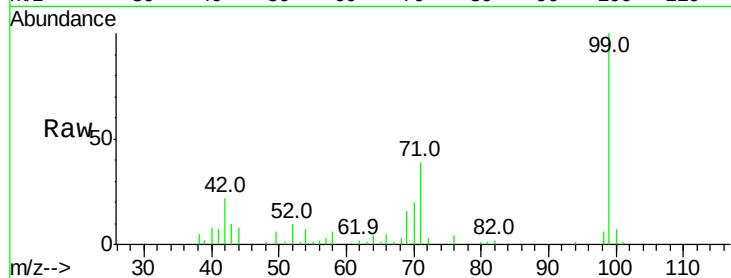
Tot Ion: 99 Resp: 68997

Ion Ratio Lower Upper

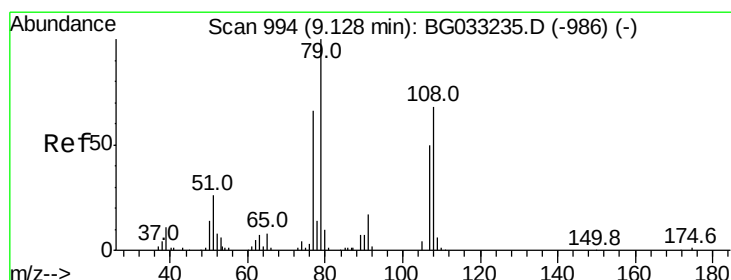
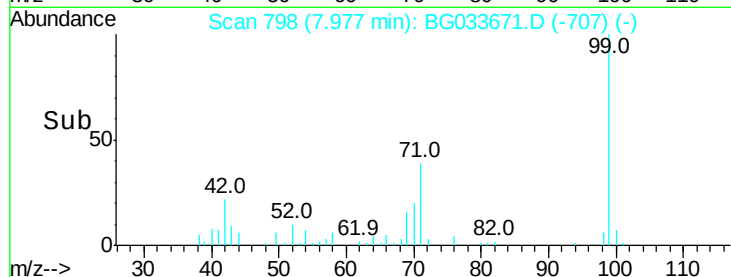
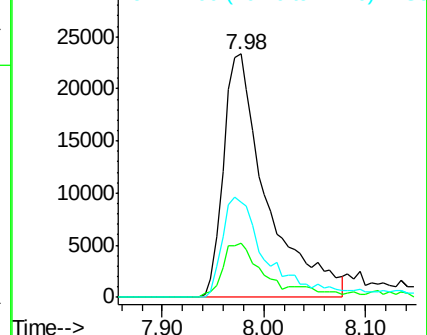
99 100

42 22.2 14.1 21.1#

71 38.9 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: 2.085 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.09 min

Lab File: BG033671.D

Acq: 7 Apr 2018 19:57

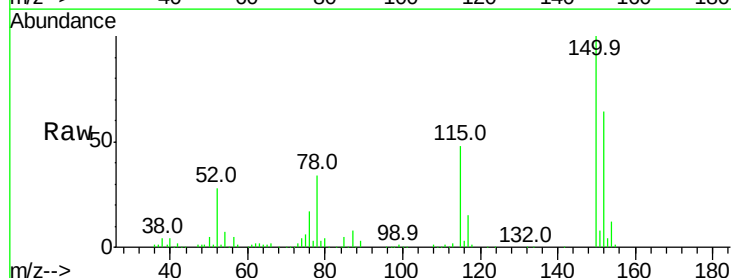
Tgt Ion: 79 Resp: 5286

Ion Ratio Lower Upper

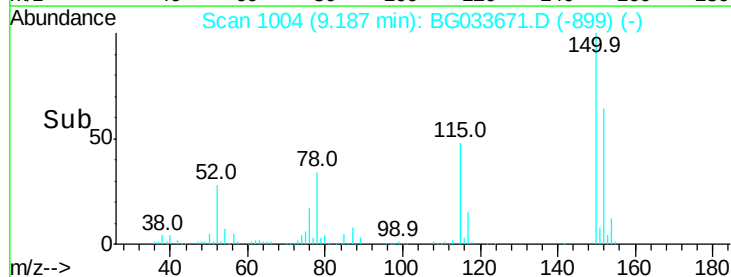
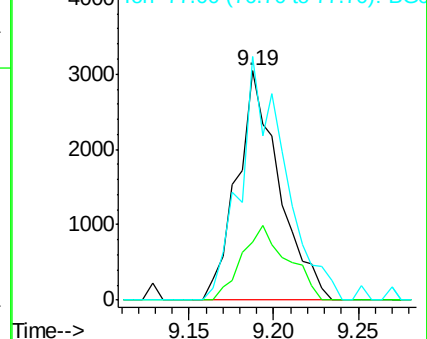
79 100

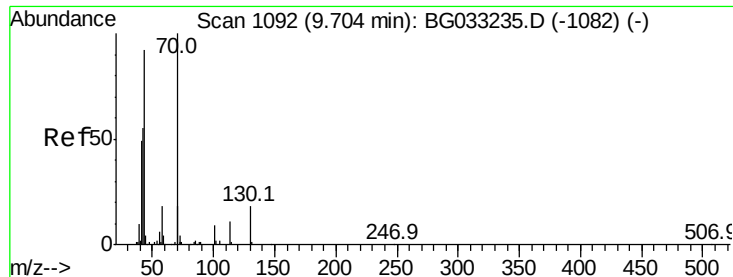
108 25.2 57.2 85.8#

77 106.3 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

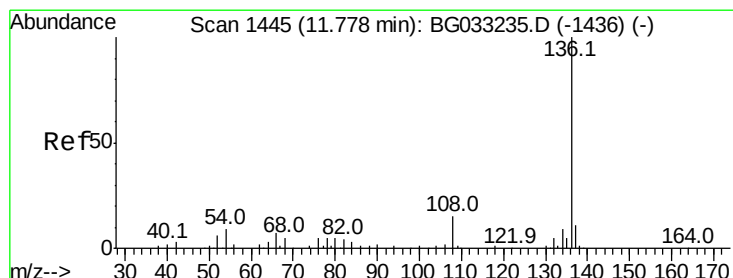
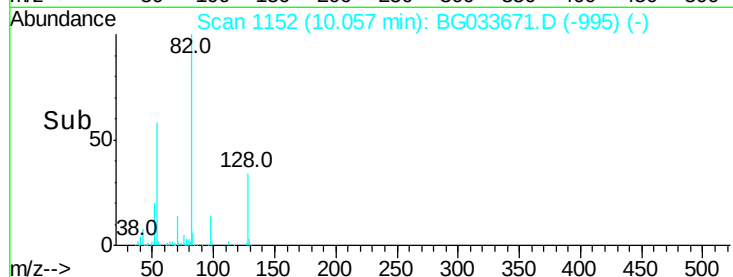
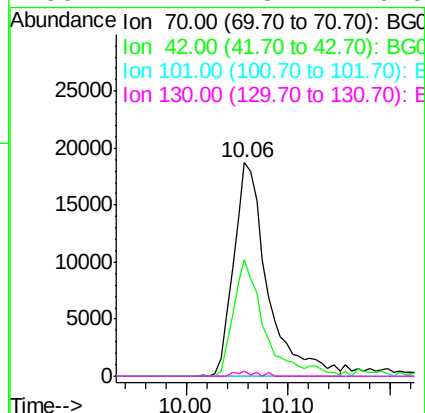
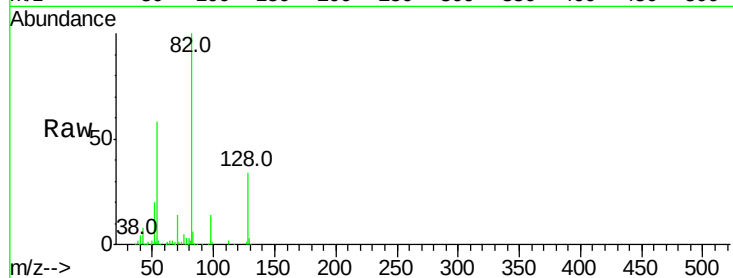




#19
n-Nitroso-di-n-propylamine
Concen: 18.337 ng
RT: 10.06 min Scan# 1152
Delta R.T. 0.39 min
Lab File: BG033671.D
Acq: 7 Apr 2018 19:57

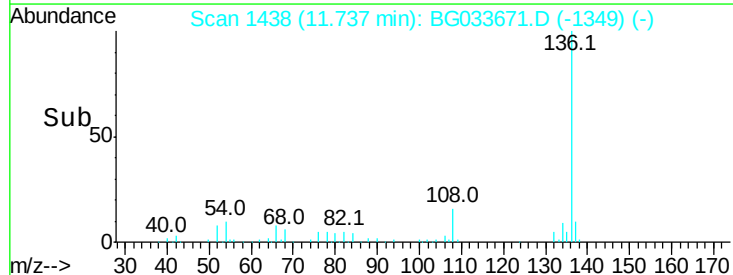
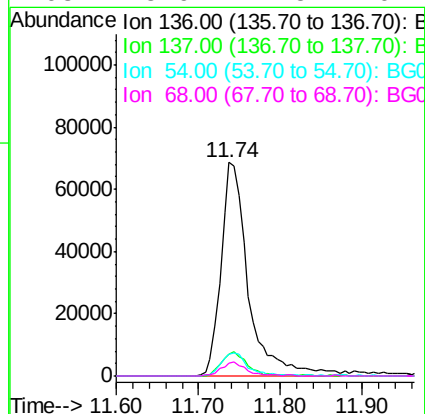
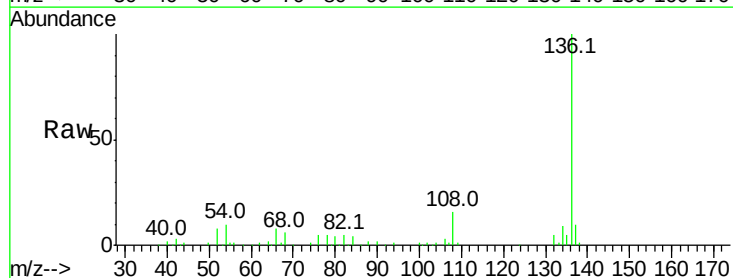
Instrument :
BNA_G
ClientSampleId :

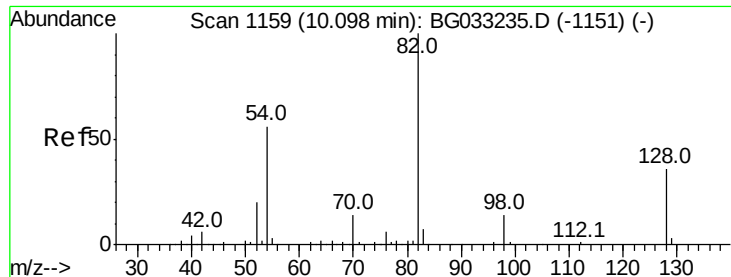
Tot Ion: 70 Resp: 43277
Ion Ratio Lower Upper
70 100
42 54.6 49.1 73.7
101 0.0 8.5 12.7#
130 2.4 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BG033671.D
Acq: 7 Apr 2018 19:57

Tgt Ion: 136 Resp: 159884
Ion Ratio Lower Upper
136 100
137 10.2 9.2 13.8
54 10.0 10.3 15.5#
68 5.9 4.5 6.7





#23

Nitrobenzene-d5

Concen: 94.515 ng

RT: 10.06 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BG033671.D

Acq: 7 Apr 2018 19:57

Instrument :

BNA_G

ClientSampleId :

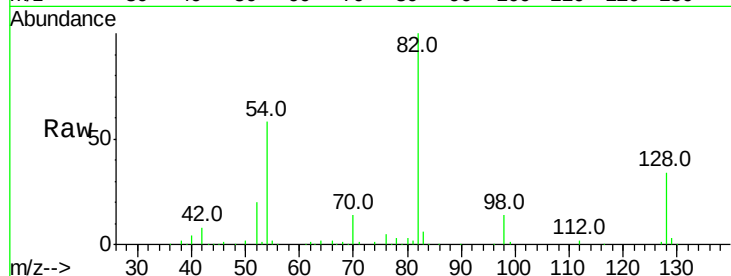
Tot Ion: 82 Resp: 328911

Ion Ratio Lower Upper

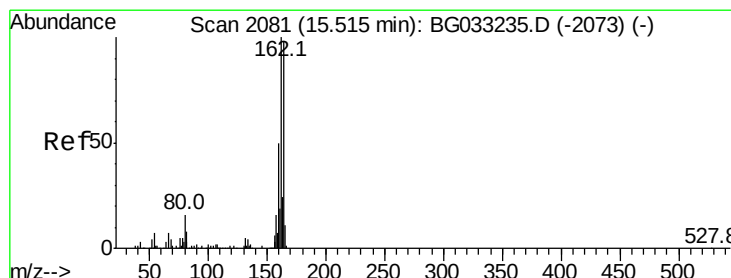
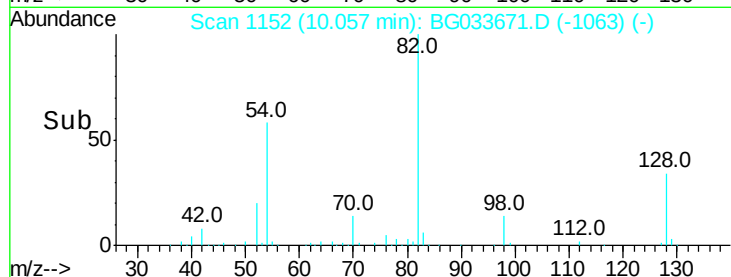
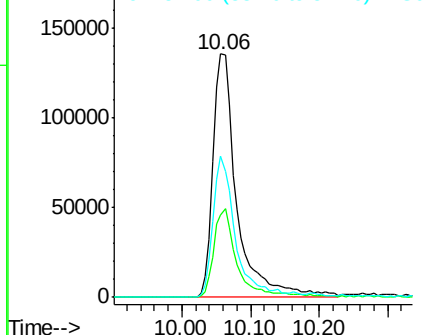
82 100

128 33.7 29.7 44.5

54 57.9 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: 15.47 min Scan# 2074

Delta R.T. -0.01 min

Lab File: BG033671.D

Acq: 7 Apr 2018 19:57

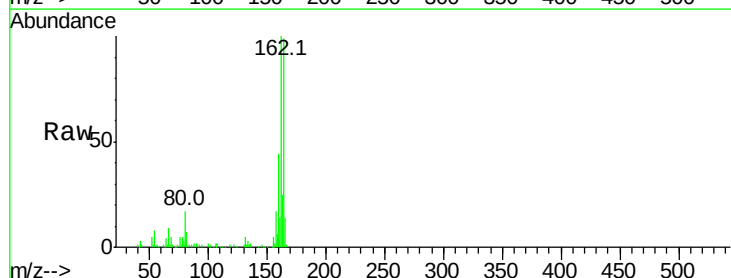
Tgt Ion: 164 Resp: 128130

Ion Ratio Lower Upper

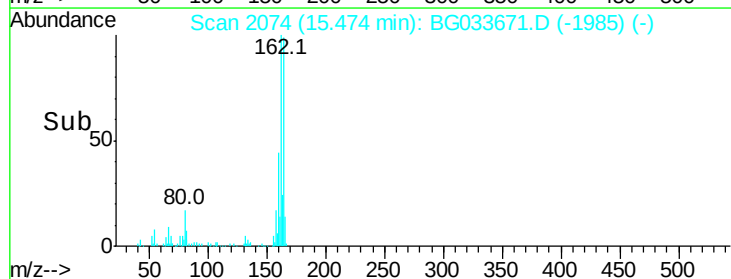
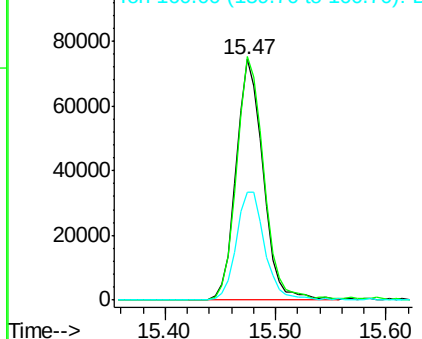
164 100

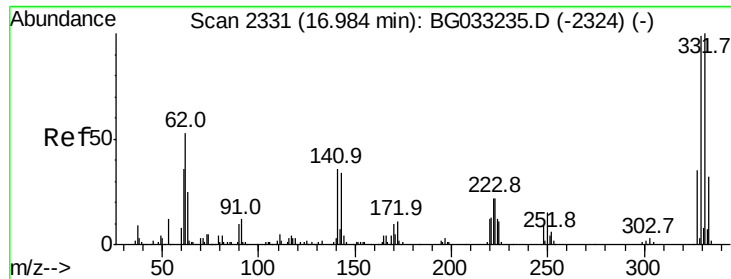
162 101.2 78.8 118.2

160 44.6 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

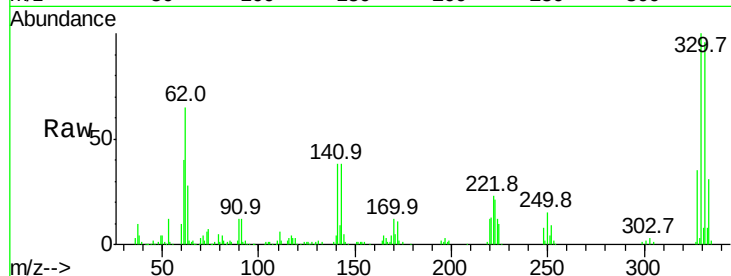




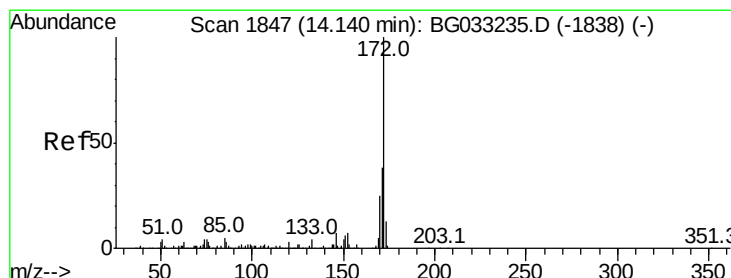
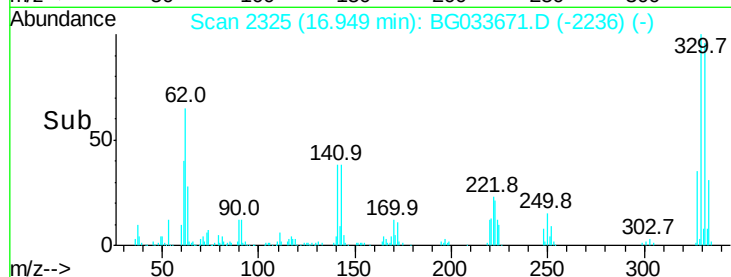
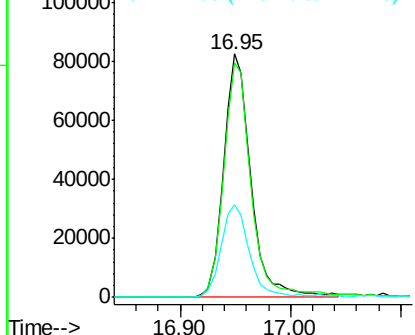
#41
 2,4,6-Tribromophenol
 Concen: 74.349 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.01 min
 Lab File: BG033671.D
 Acq: 7 Apr 2018 19:57

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 142477
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 39.3 25.2 37.8#

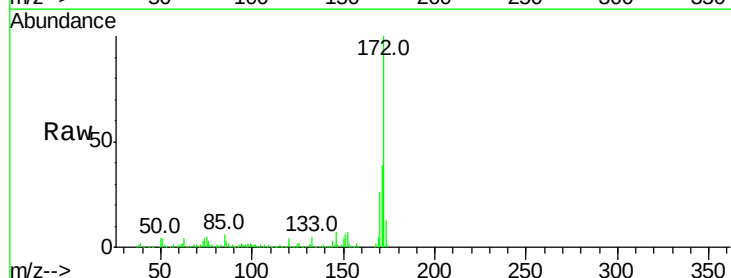


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

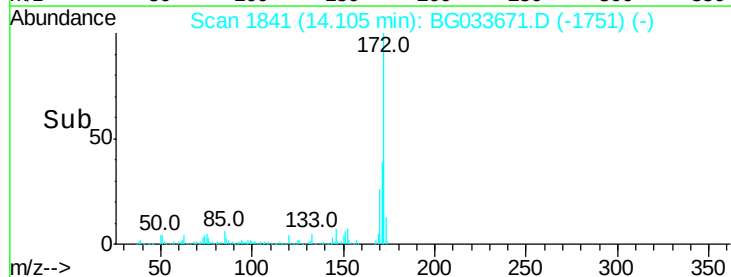
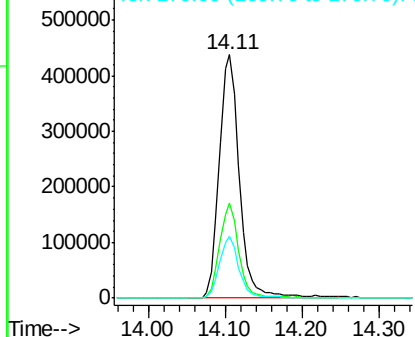


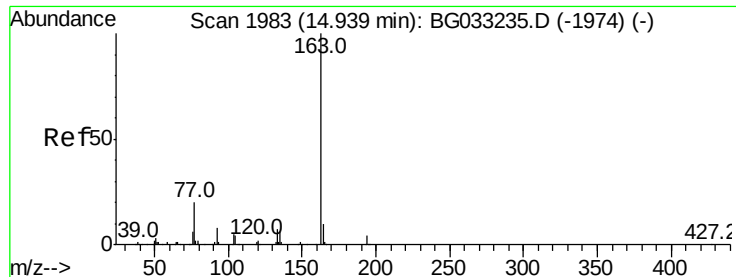
#44
 2-Fluorobiphenyl
 Concen: 89.601 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BG033671.D
 Acq: 7 Apr 2018 19:57

Tgt Ion:172 Resp: 795257
 Ion Ratio Lower Upper
 172 100
 171 39.3 30.0 45.0
 170 25.5 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: 2.989 ng

RT: 14.90 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BG033671.D

Acq: 7 Apr 2018 19:57

Instrument :

BNA_G

ClientSampled :

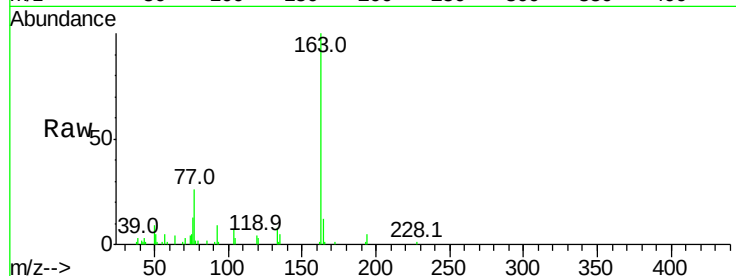
Tot Ion:163 Resp: 33329

Ion Ratio Lower Upper

163 100

194 5.4 3.4 5.2#

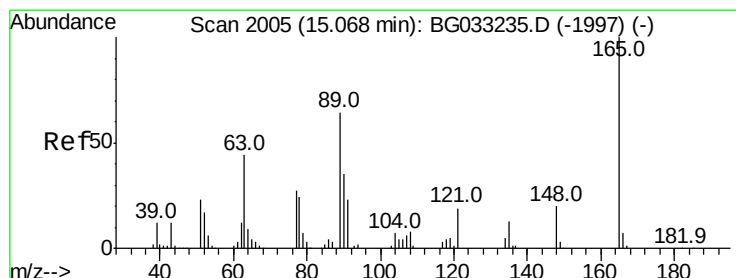
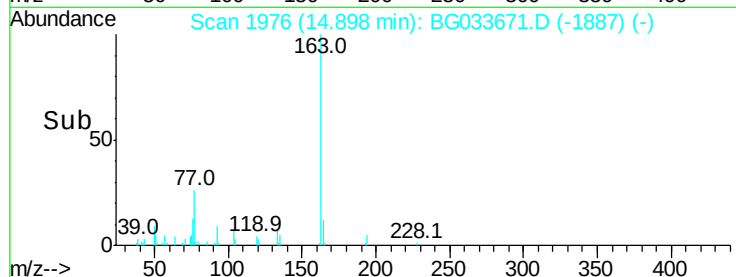
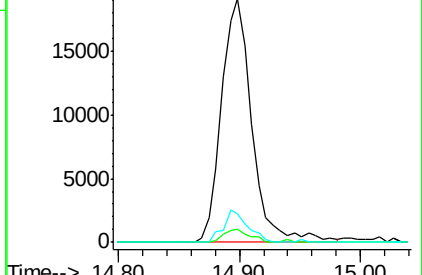
164 12.0 8.2 12.4



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: 7.141 ng

RT: 15.47 min Scan# 2074

Delta R.T. 0.44 min

Lab File: BG033671.D

Acq: 7 Apr 2018 19:57

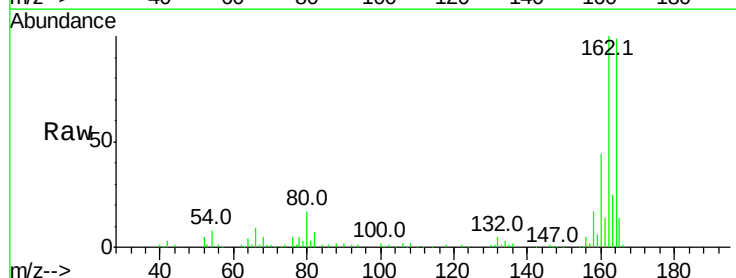
Tgt Ion:165 Resp: 16282

Ion Ratio Lower Upper

165 100

63 1.7 52.7 79.1#

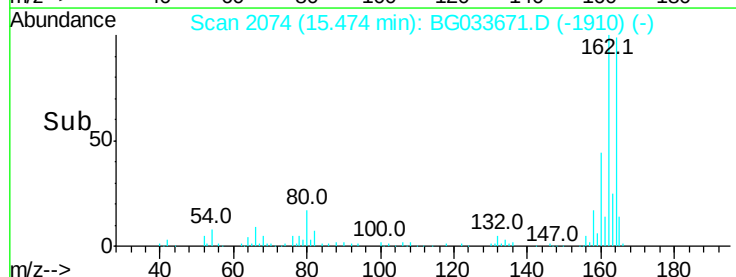
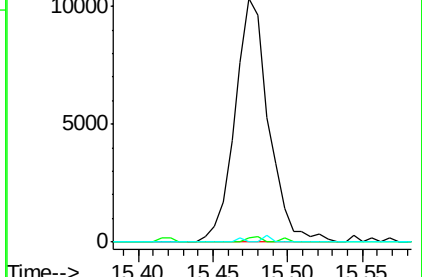
89 0.0 49.2 73.8#

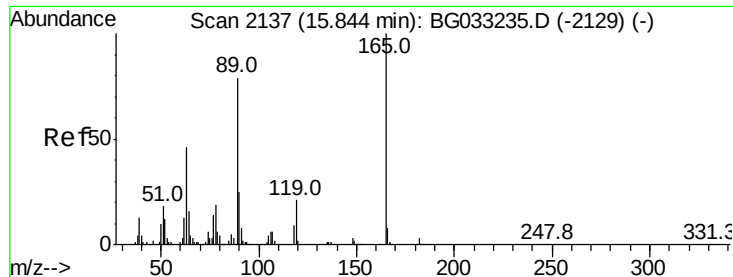


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

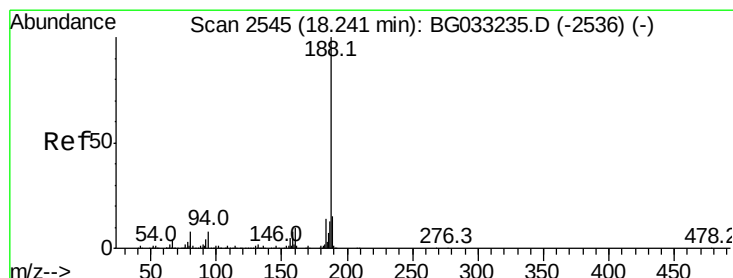
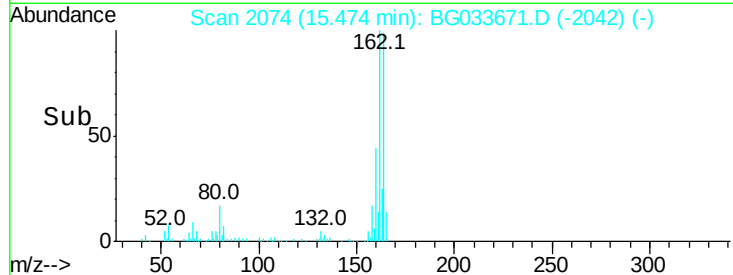
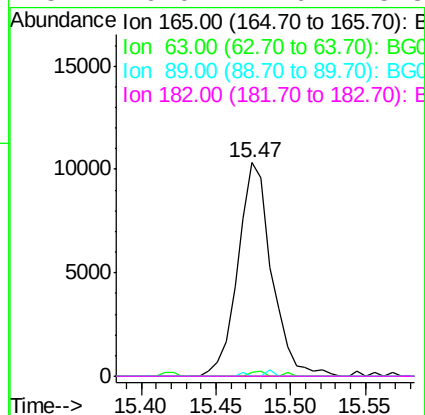
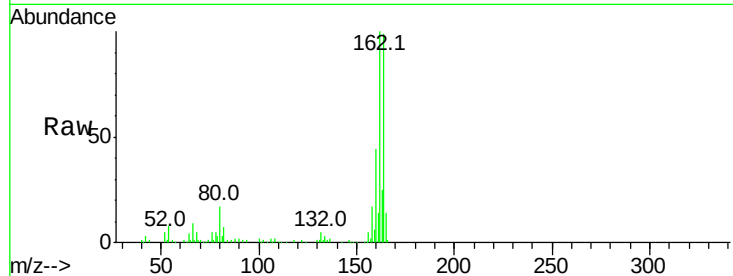




#56
2,4-Dinitrotoluene
Concen: 4.850 ng
RT: 15.47 min Scan# 2074
Delta R.T. -0.34 min
Lab File: BG033671.D
Acq: 7 Apr 2018 19:57

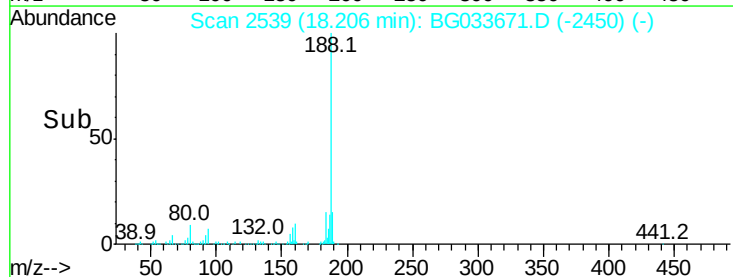
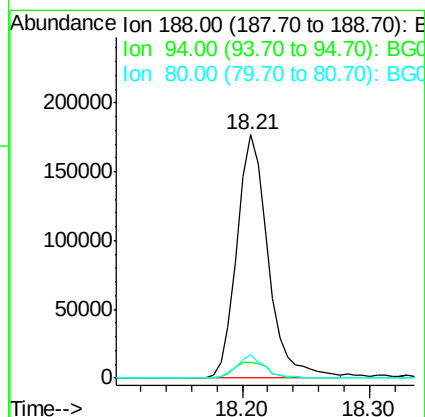
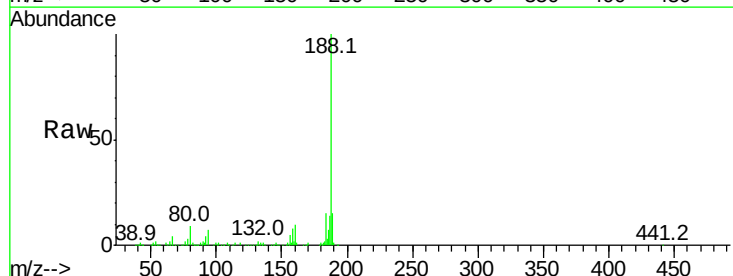
Instrument :
BNA_G
ClientSampleId :

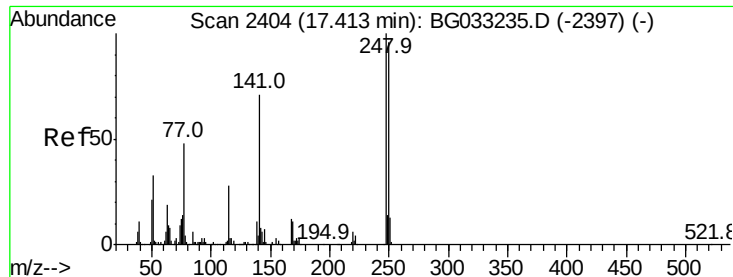
Tot Ion:165 Resp: 16282
Ion Ratio Lower Upper
165 100
63 1.7 42.0 63.0#
89 0.0 66.9 100.3#
182 0.0 2.6 3.8#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BG033671.D
Acq: 7 Apr 2018 19:57

Tgt Ion:188 Resp: 301837
Ion Ratio Lower Upper
188 100
94 6.7 6.9 10.3#
80 9.4 7.7 11.5

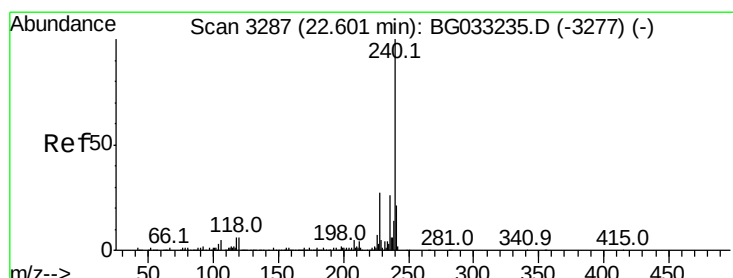
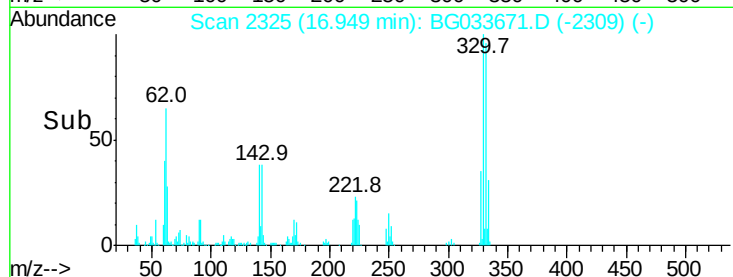
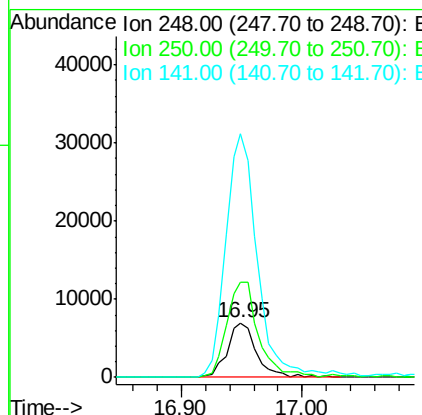
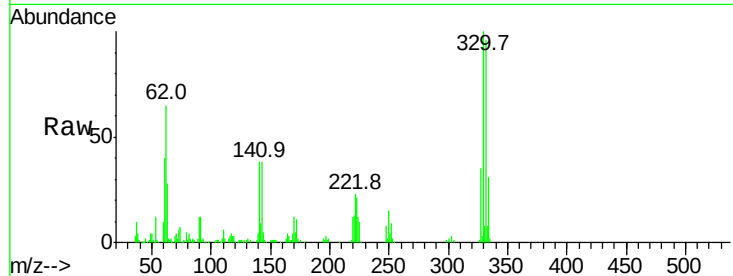




#66
4-Bromophenyl-phenylether
Concen: 3.282 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.43 min
Lab File: BG033671.D
Acq: 7 Apr 2018 19:57

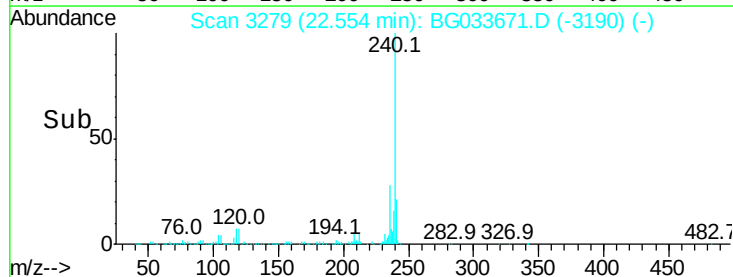
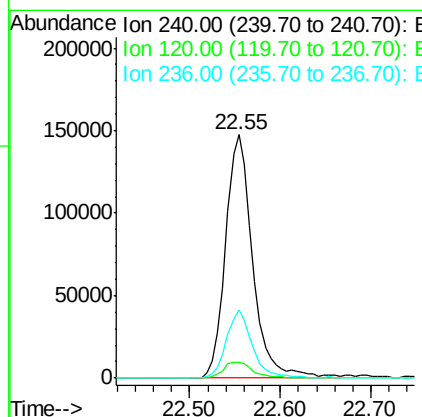
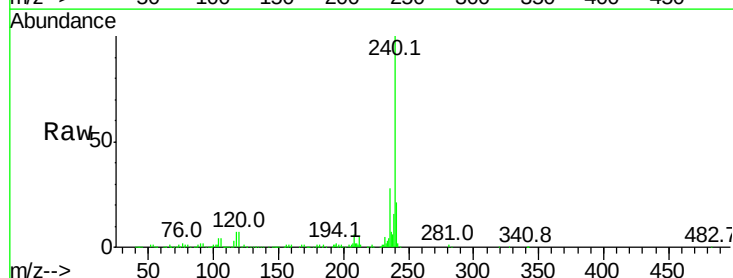
Instrument :
BNA_G
ClientSampleId :

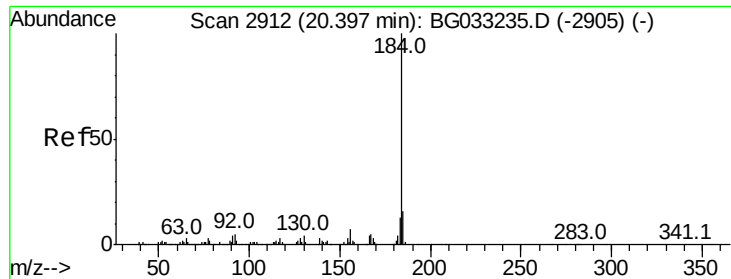
Tot Ion:248 Resp: 11635
Ion Ratio Lower Upper
248 100
250 136.0 77.1 115.7#
141 346.6 50.8 76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.01 min
Lab File: BG033671.D
Acq: 7 Apr 2018 19:57

Tgt Ion:240 Resp: 305740
Ion Ratio Lower Upper
240 100
120 6.7 6.8 10.2#
236 28.2 20.9 31.3

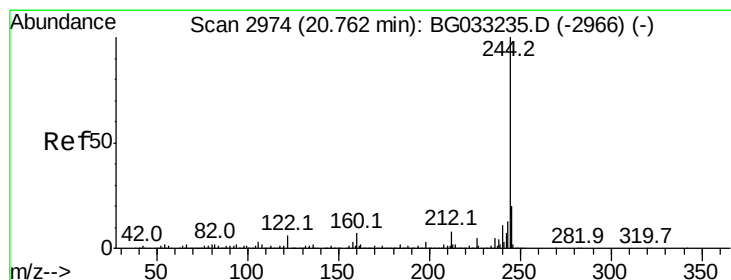
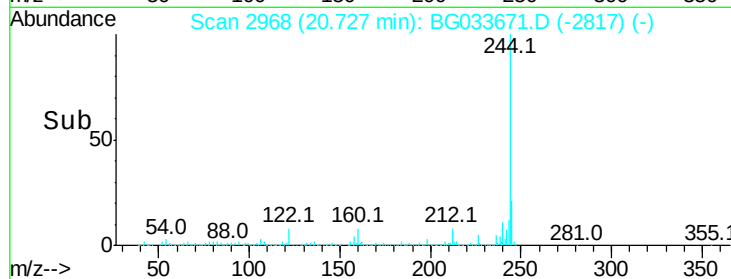
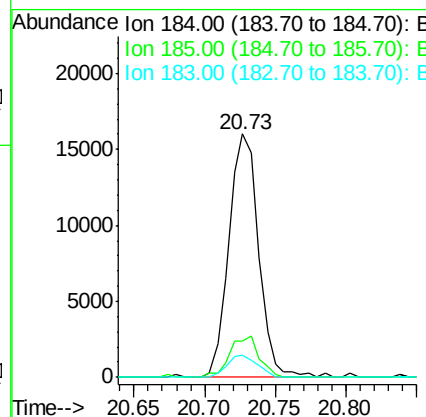
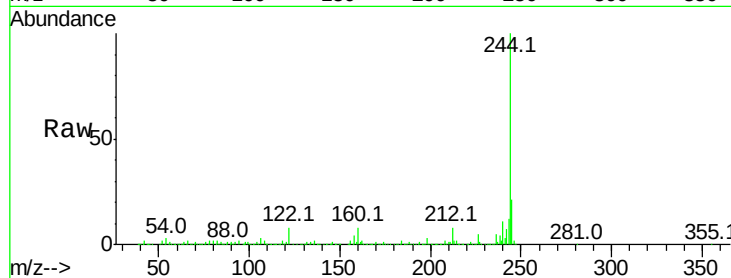




#76
Benzidine
Concen: 2.827 ng
RT: 20.73 min Scan# 2968
Delta R.T. 0.36 min
Lab File: BG033671.D
Acq: 7 Apr 2018 19:57

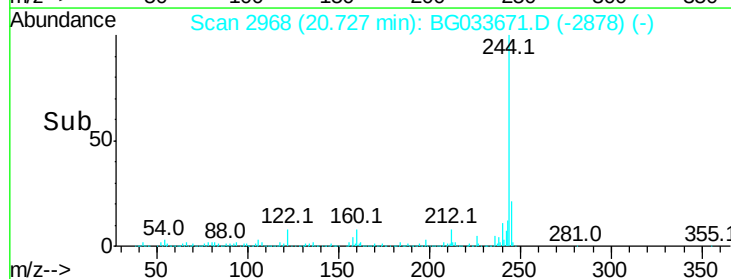
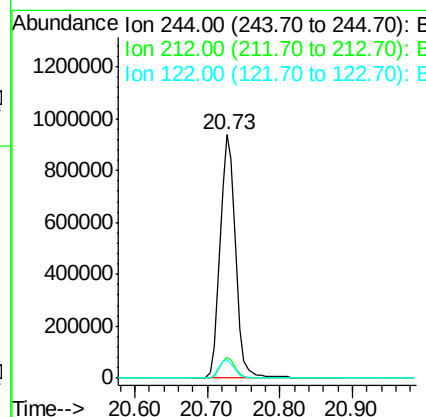
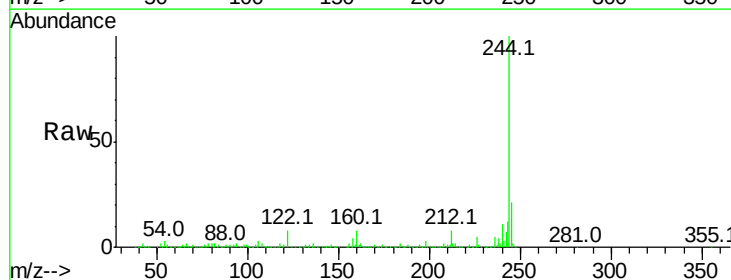
Instrument :
BNA_G
ClientSampleId :

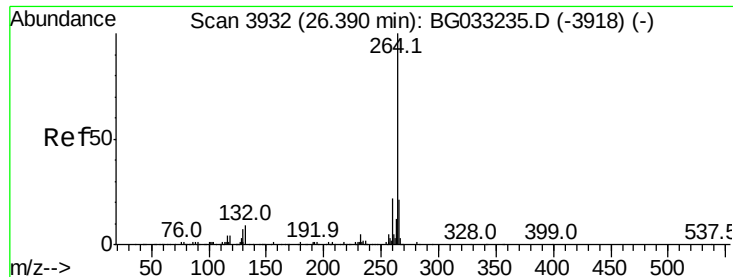
Tot Ion:184 Resp: 23441
Ion Ratio Lower Upper
184 100
185 15.0 11.1 16.7
183 9.1 10.6 16.0#



#78
Terphenyl-d14
Concen: 96.821 ng
RT: 20.73 min Scan# 2968
Delta R.T. 0.00 min
Lab File: BG033671.D
Acq: 7 Apr 2018 19:57

Tgt Ion:244 Resp: 1384181
Ion Ratio Lower Upper
244 100
212 8.4 5.8 8.8
122 7.6 7.0 10.4

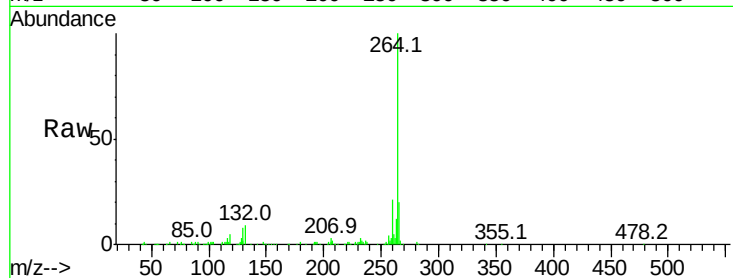




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.31 min Scan# 3919
Delta R.T. -0.01 min
Lab File: BG033671.D
Acq: 7 Apr 2018 19:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	20.8	17.4	26.0
265	19.6	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

