

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010918\
 Data File : BG031967.D
 Acq On : 10 Jan 2018 5:11
 Operator : SJ/JU
 Sample : J1044-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 10 06:23:37 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 05 15:31:34 2018
 Response via : Initial Calibration

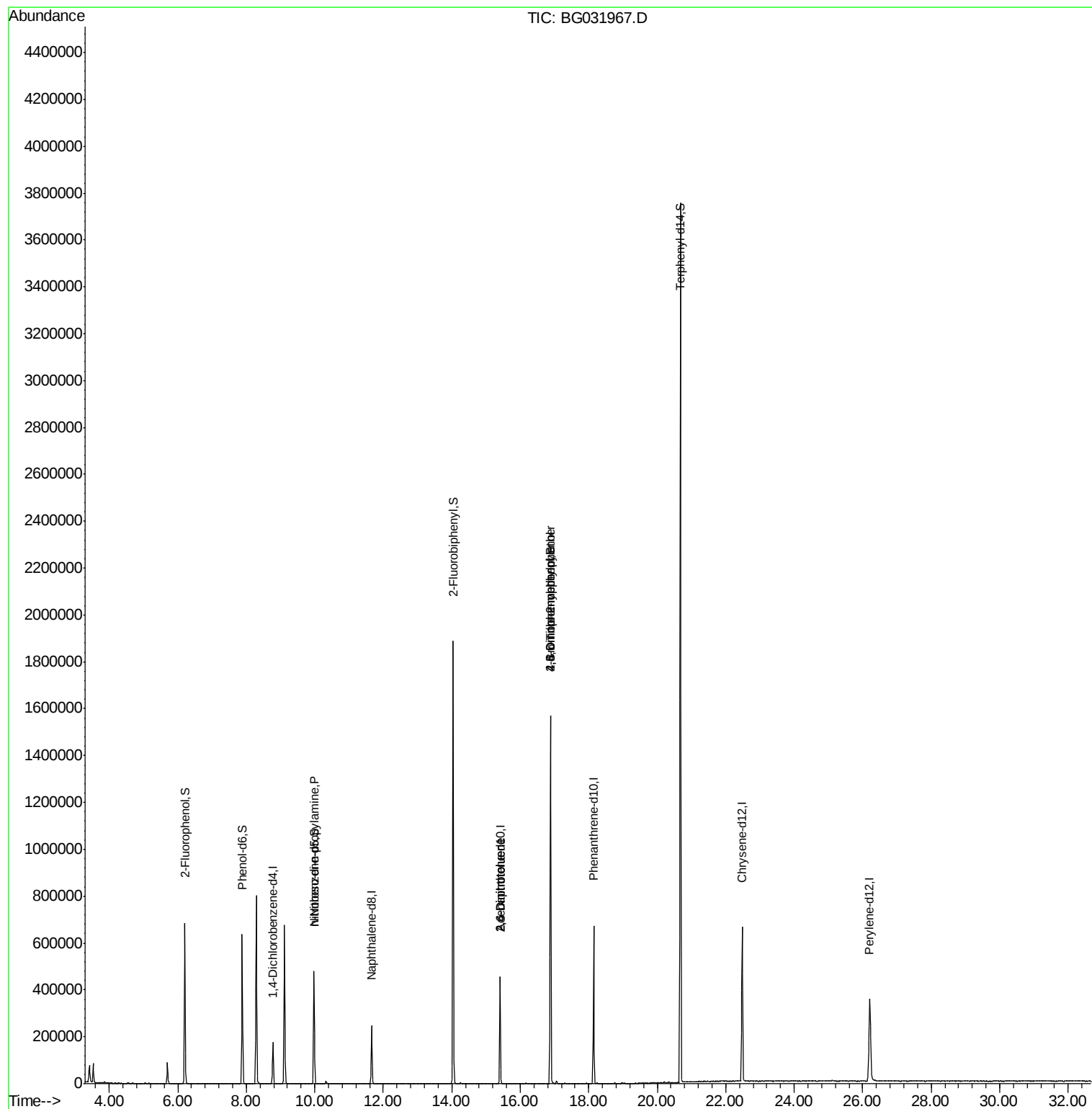
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	61560	20.00	ng	-0.01
21) Naphthalene-d8	11.66	136	253382	20.00	ng	-0.01
38) Acenaphthene-d10	15.41	164	177170	20.00	ng	-0.02
63) Phenanthrene-d10	18.14	188	456741	20.00	ng	-0.02
75) Chrysene-d12	22.48	240	509219	20.00	ng	-0.04
86) Perylene-d12	26.20	264	516458	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	375611	111.13	ng	0.00
7) Phenol-d6	7.88	99	435299	99.20	ng	0.00
23) Nitrobenzene-d5	9.97	82	314669	93.78	ng	-0.01
41) 2,4,6-Tribromophenol	16.88	330	382428	141.46	ng	-0.02
44) 2-Fluorobiphenyl	14.04	172	1134098	80.34	ng	-0.01
78) Terphenyl-d14	20.67	244	2007448	90.07	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.97	70	41162	13.735	ng	# 71
50) 2,6-Dinitrotoluene	15.40	165	22680	7.899	ng	# 18
56) 2,4-Dinitrotoluene	15.40	165	22680	6.143	ng	# 16
64) 4,6-Dinitro-2-methylphenol	16.88	198	990	8.674	ng	# 12
66) 4-Bromophenyl-phenylether	16.88	248	30641	4.639	ng	# 1

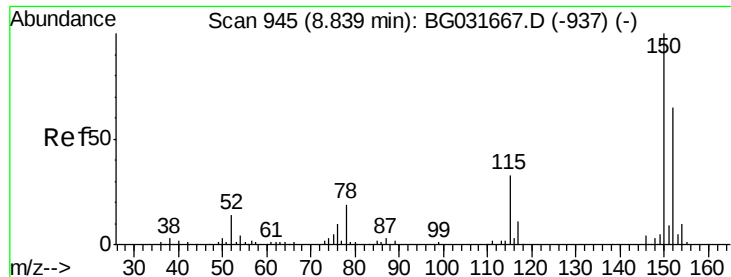
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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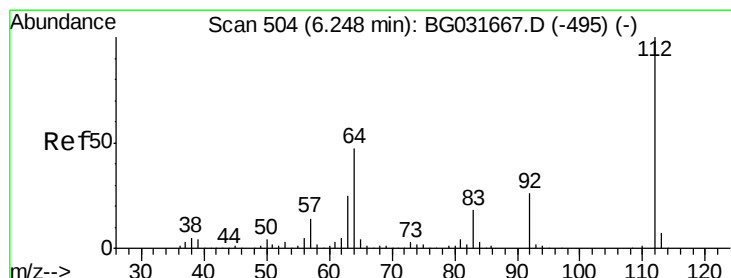
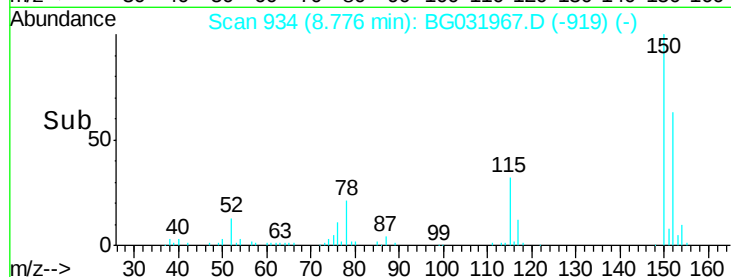
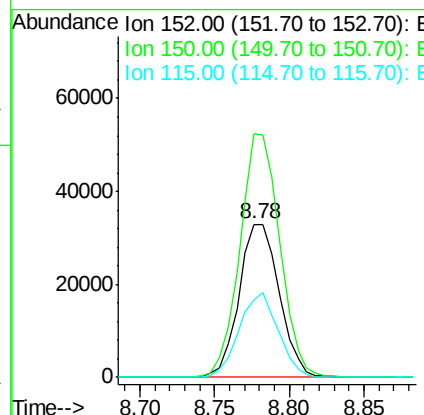
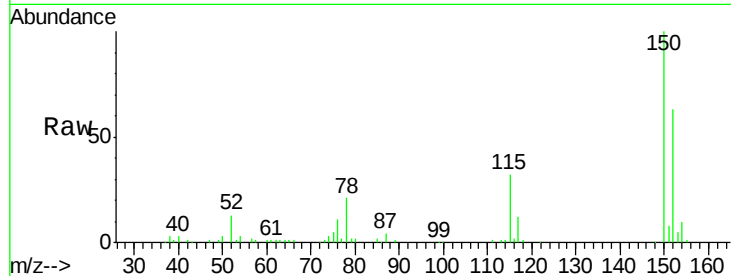


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.78 min Scan# 934
Delta R.T. -0.01 min
Lab File: BG031967.D
Acq: 10 Jan 2018 5:11

Instrument :
BNA_G
ClientSampleId :

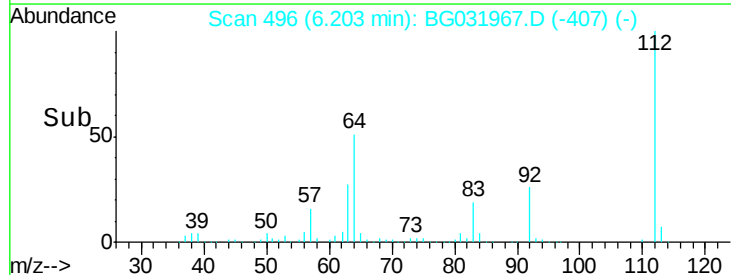
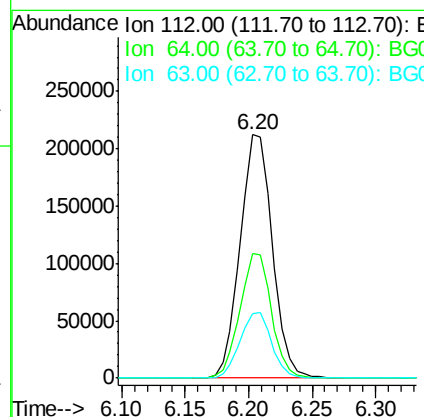
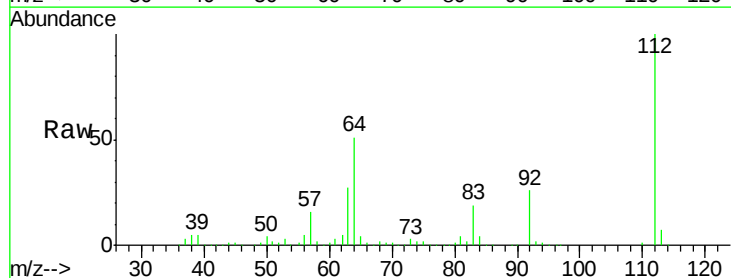
Tot Ion:152 Resp: 61560
Ion Ratio Lower Upper
152 100
150 159.2 126.6 189.8
115 50.9 53.0 79.4#

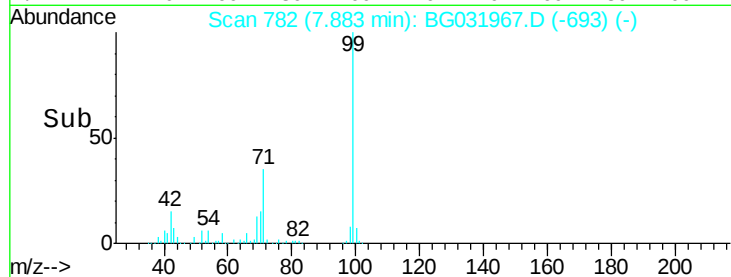
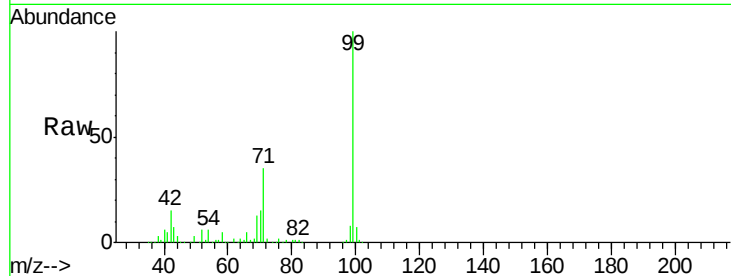
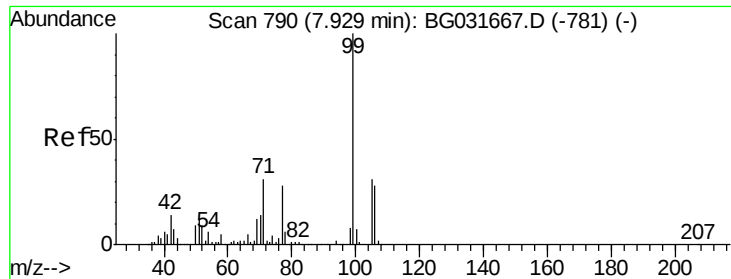


#5

2-Fluorophenol
Concen: 111.133 ng
RT: 6.20 min Scan# 496
Delta R.T. -0.01 min
Lab File: BG031967.D
Acq: 10 Jan 2018 5:11

Tgt Ion:112 Resp: 375611
Ion Ratio Lower Upper
112 100
64 50.9 56.3 84.5#
63 26.6 30.1 45.1#





#7

Phenol-d6

Concen: 99.199 ng

RT: 7.88 min Scan# 782

Delta R.T. -0.01 min

Lab File: BG031967.D

Acq: 10 Jan 2018 5:11

Instrument :

BNA_G

ClientSampleId :

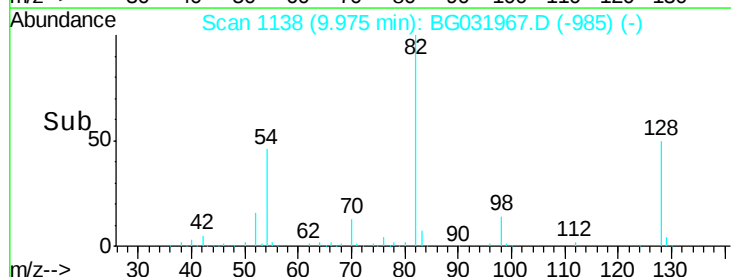
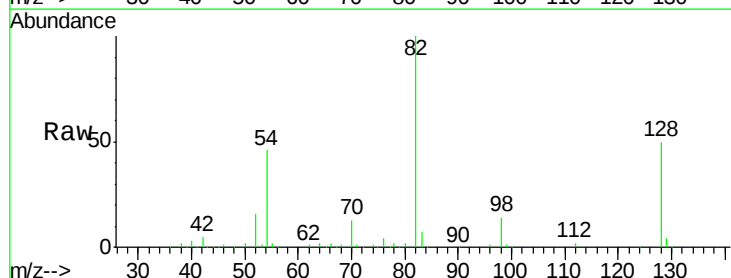
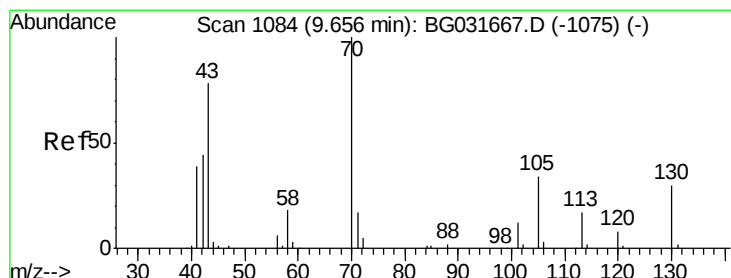
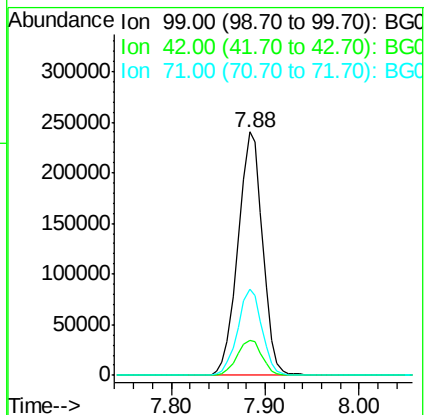
Tot Ion: 99 Resp: 435299

Ion Ratio Lower Upper

99 100

42 14.5 14.1 21.1

71 35.2 26.1 39.1



#19

n-Nitroso-di-n-propylamine

Concen: 13.735 ng

RT: 9.97 min Scan# 1138

Delta R.T. 0.37 min

Lab File: BG031967.D

Acq: 10 Jan 2018 5:11

Tgt Ion: 70 Resp: 41162

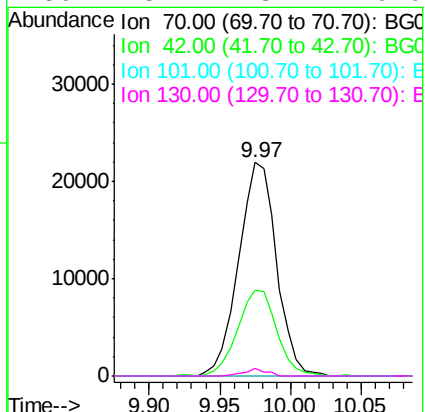
Ion Ratio Lower Upper

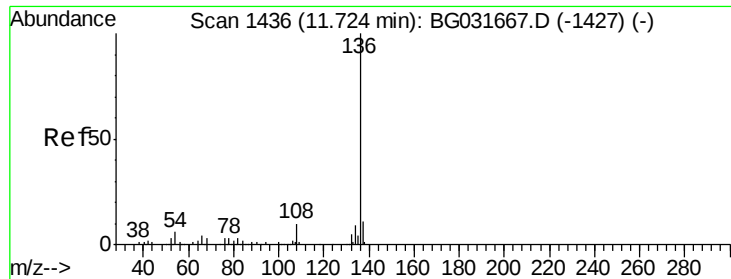
70 100

42 39.9 49.1 73.7#

101 0.0 8.5 12.7#

130 3.7 13.4 20.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.66 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BG031967.D

Acq: 10 Jan 2018 5:11

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 253382

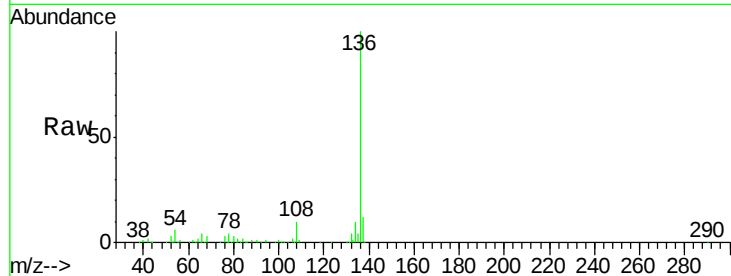
Ion Ratio Lower Upper

136 100

137 11.7 9.2 13.8

54 5.8 10.3 15.5#

68 3.2 4.5 6.7#

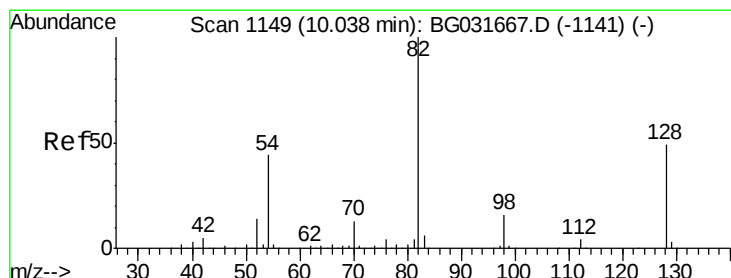
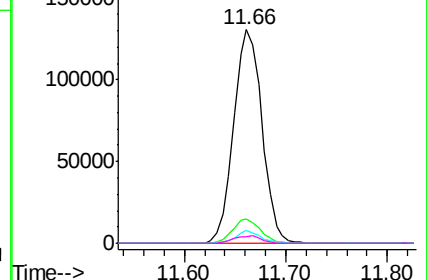
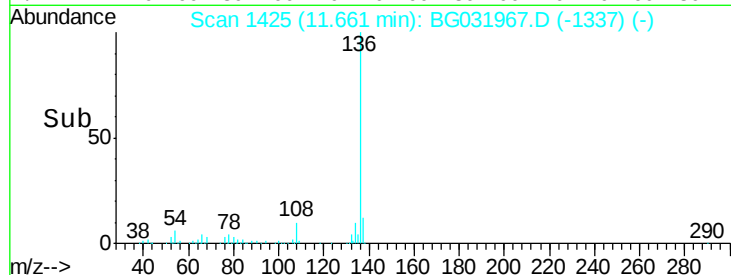


Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.777 ng

RT: 9.97 min Scan# 1138

Delta R.T. -0.01 min

Lab File: BG031967.D

Acq: 10 Jan 2018 5:11

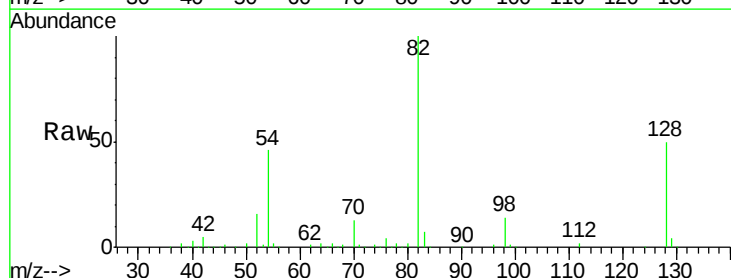
Tgt Ion: 82 Resp: 314669

Ion Ratio Lower Upper

82 100

128 49.7 29.7 44.5#

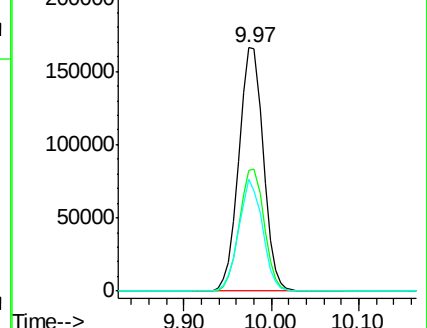
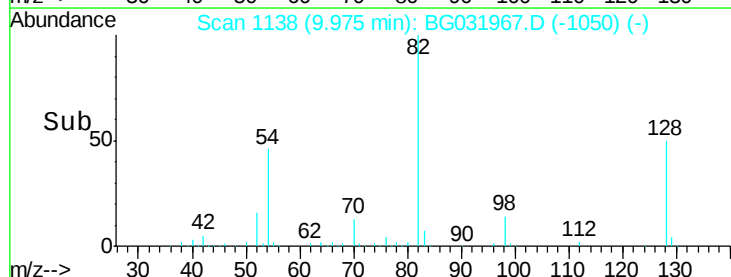
54 45.8 43.1 64.7

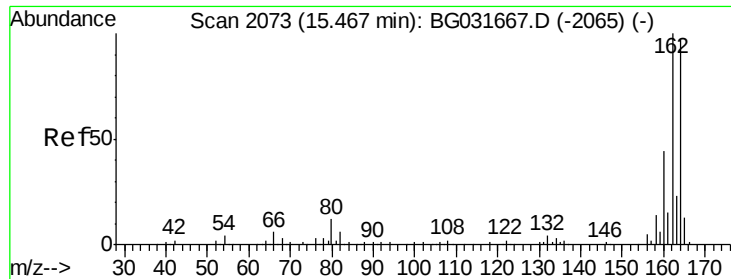


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.41 min Scan# 2063

Delta R.T. -0.02 min

Lab File: BG031967.D

Acq: 10 Jan 2018 5:11

Instrument :

BNA_G

ClientSampleId :

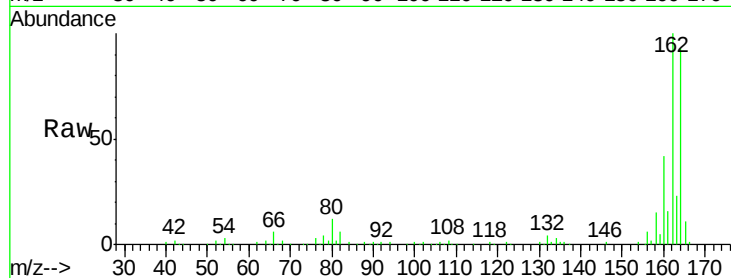
Tot Ion:164 Resp: 177170

Ion Ratio Lower Upper

164 100

162 107.8 78.8 118.2

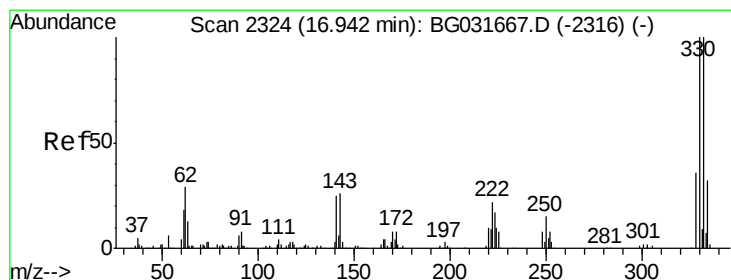
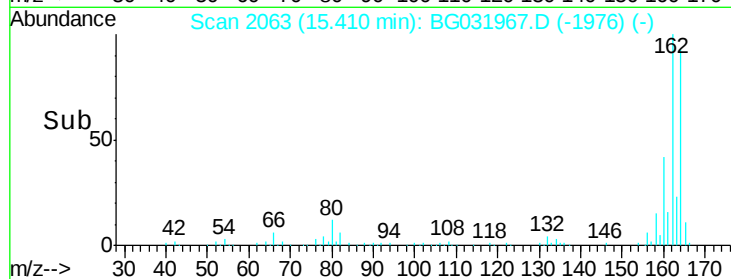
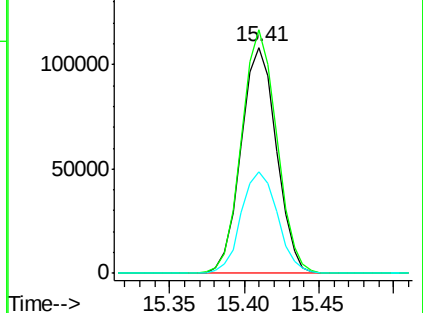
160 45.0 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 141.463 ng

RT: 16.88 min Scan# 2314

Delta R.T. -0.02 min

Lab File: BG031967.D

Acq: 10 Jan 2018 5:11

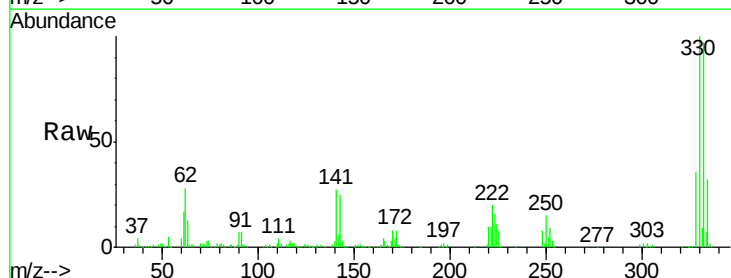
Tgt Ion:330 Resp: 382428

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

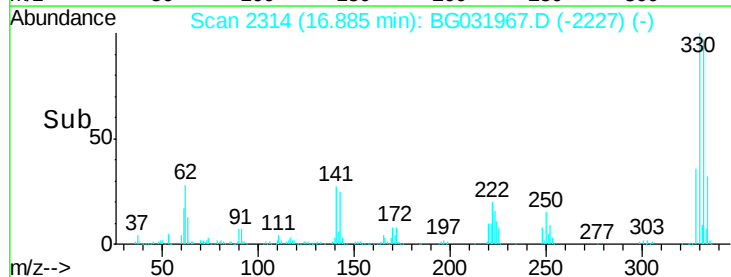
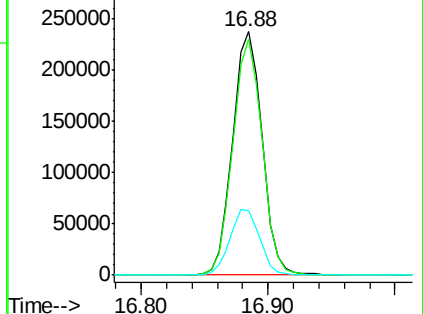
141 27.3 25.2 37.8

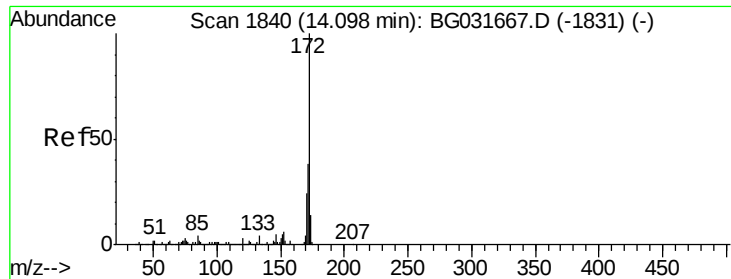


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

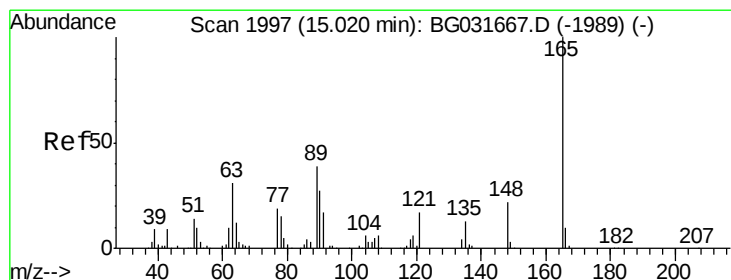
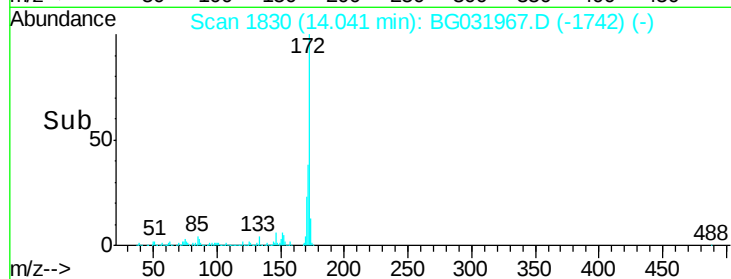
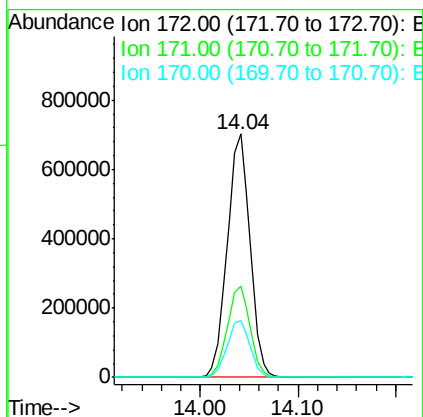
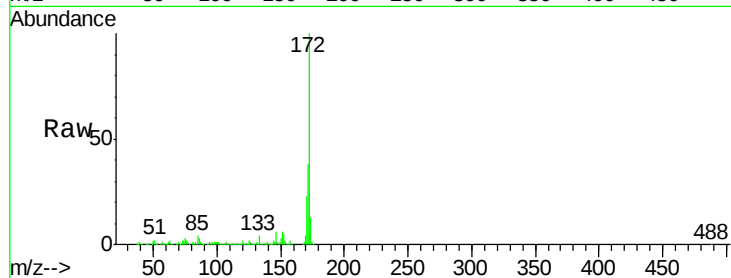




#44
2-Fluorobiphenyl
Concen: 80.343 ng
RT: 14.04 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BG031967.D
Acq: 10 Jan 2018 5:11

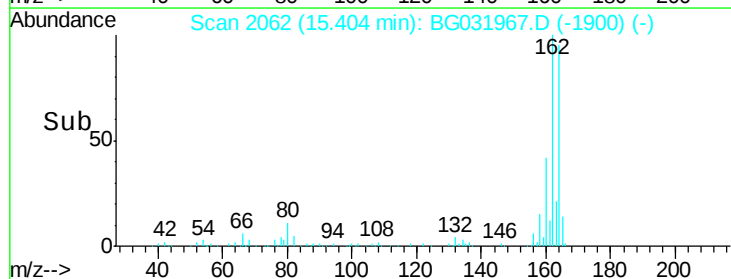
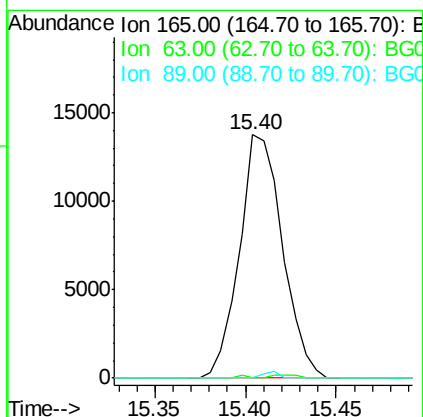
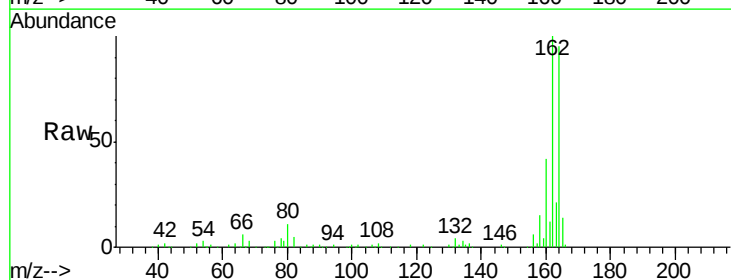
Instrument :
BNA_G
ClientSampled :

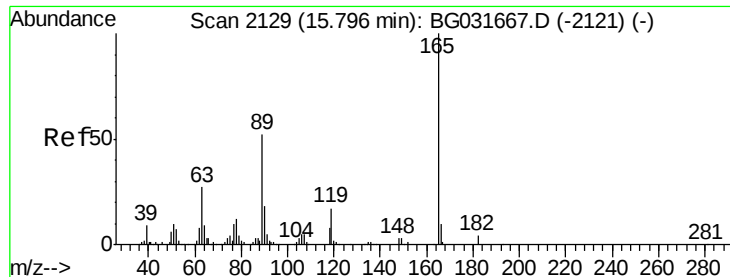
Tot Ion:172 Resp: 1134098
Ion Ratio Lower Upper
172 100
171 37.6 30.0 45.0
170 23.3 19.5 29.3



#50
2,6-Dinitrotoluene
Concen: 7.899 ng
RT: 15.40 min Scan# 2062
Delta R.T. 0.42 min
Lab File: BG031967.D
Acq: 10 Jan 2018 5:11

Tgt Ion:165 Resp: 22680
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 0.0 49.2 73.8#

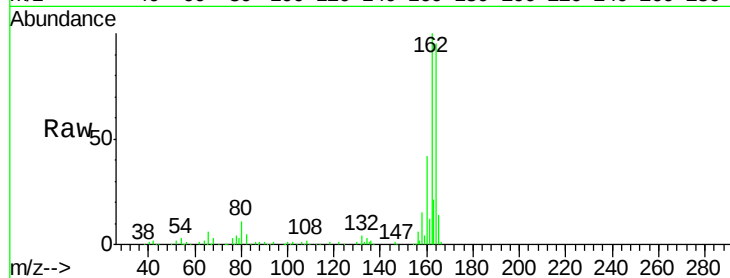




#56
 2,4-Dinitrotoluene
 Concen: 6.143 ng
 RT: 15.40 min Scan# 2062
 Delta R.T. -0.35 min
 Lab File: BG031967.D
 Acq: 10 Jan 2018 5:11

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#

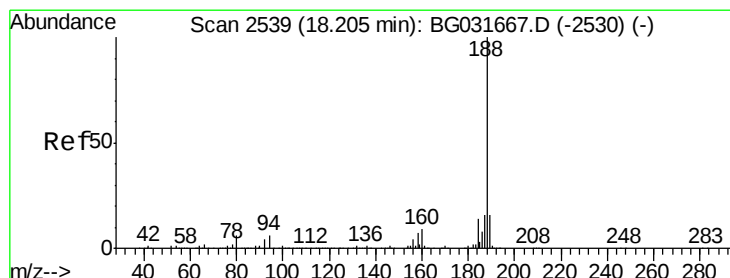
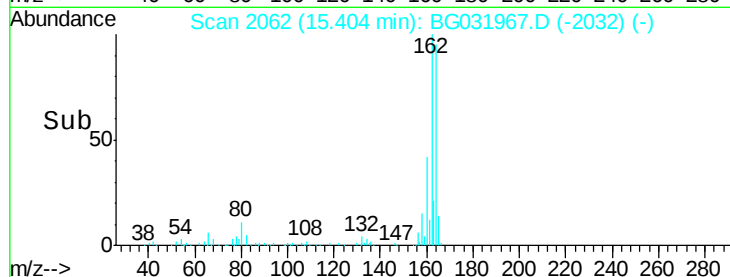
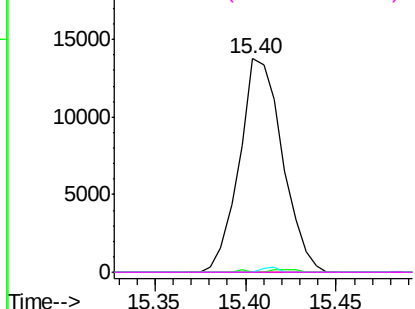


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

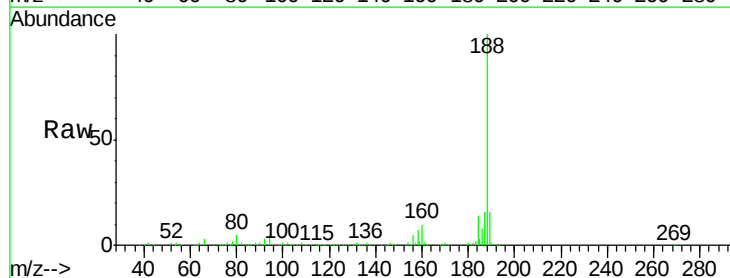
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.14 min Scan# 2528
 Delta R.T. -0.02 min
 Lab File: BG031967.D
 Acq: 10 Jan 2018 5:11

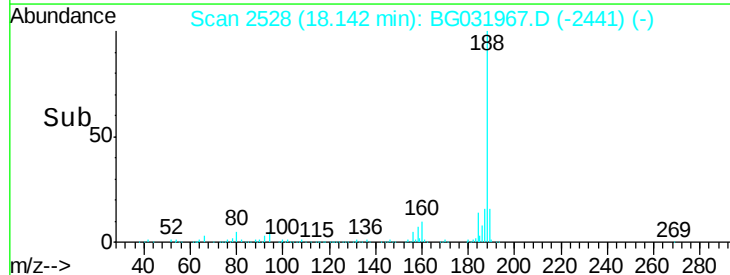
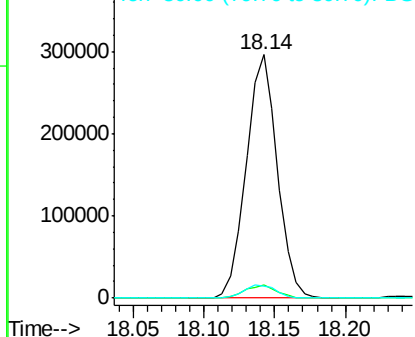
Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.4	6.9	10.3#
80	5.1	7.7	11.5#

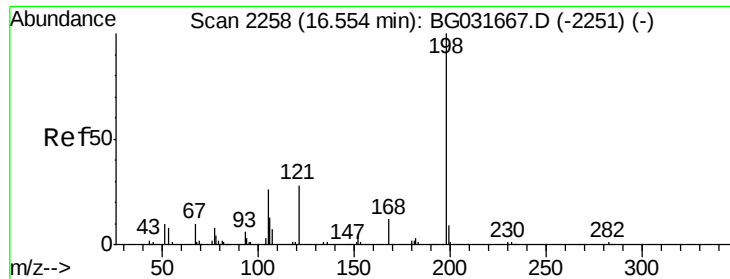


Abundance Ion 188.00 (187.70 to 188.70): E

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: 8.674 ng

RT: 16.88 min Scan# 2313

Delta R.T. 0.36 min

Lab File: BG031967.D

Acq: 10 Jan 2018 5:11

Instrument :

BNA_G

ClientSampled :

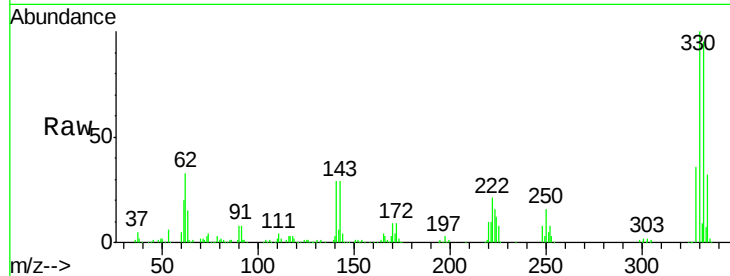
Tot Ion:198 Resp: 990

Ion Ratio Lower Upper

198 100

51 91.4 30.6 70.6#

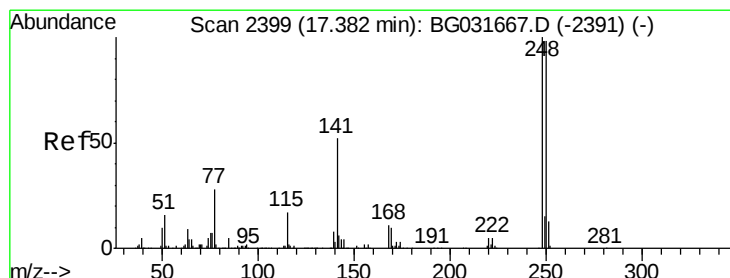
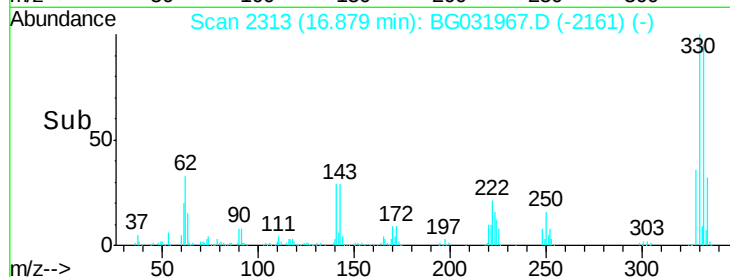
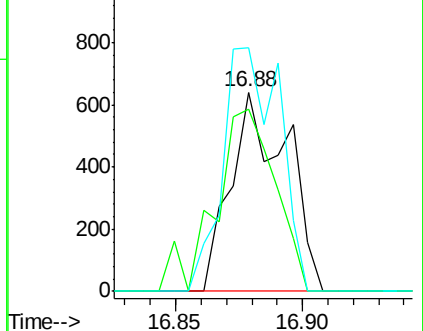
105 122.2 23.8 63.8#



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: 4.639 ng

RT: 16.88 min Scan# 2314

Delta R.T. -0.45 min

Lab File: BG031967.D

Acq: 10 Jan 2018 5:11

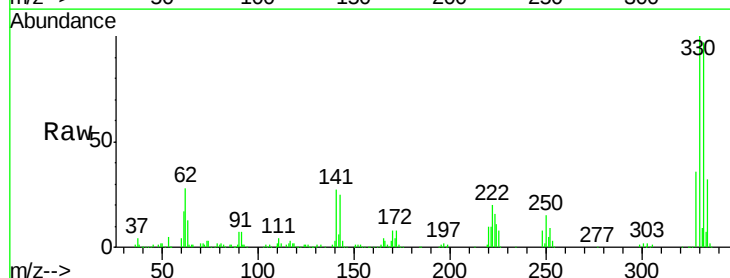
Tgt Ion:248 Resp: 30641

Ion Ratio Lower Upper

248 100

250 177.5 77.1 115.7#

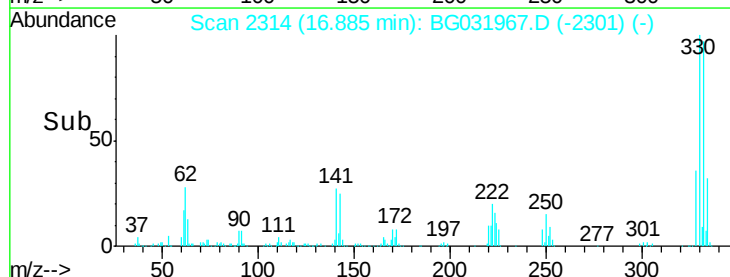
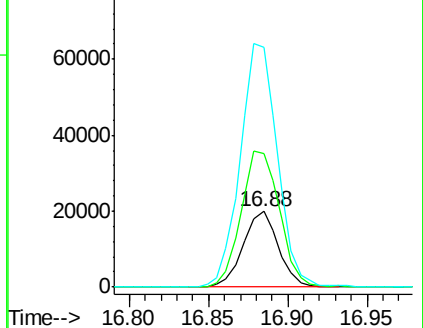
141 317.9 50.8 76.2#

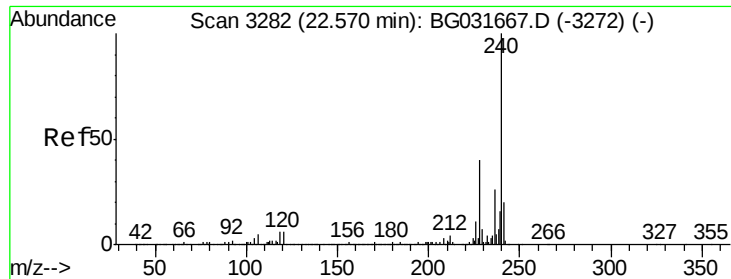


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

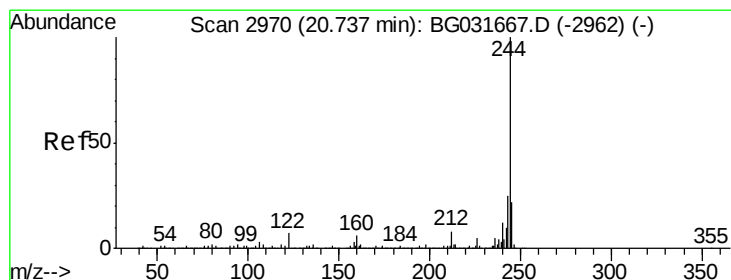
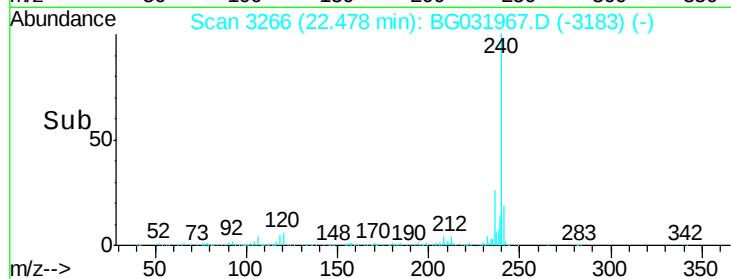
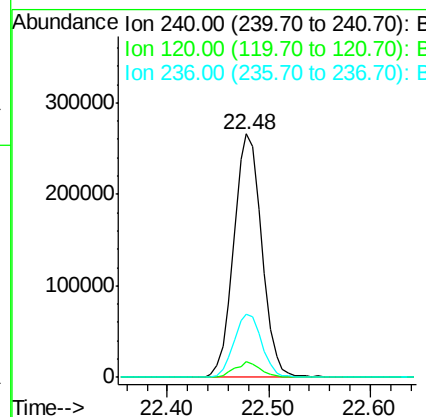
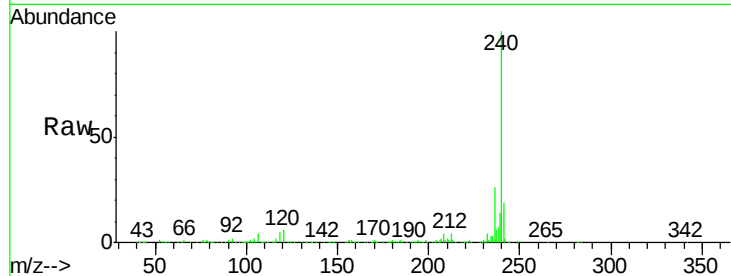




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.48 min Scan# 3266
 Delta R.T. -0.04 min
 Lab File: BG031967.D
 Acq: 10 Jan 2018 5:11

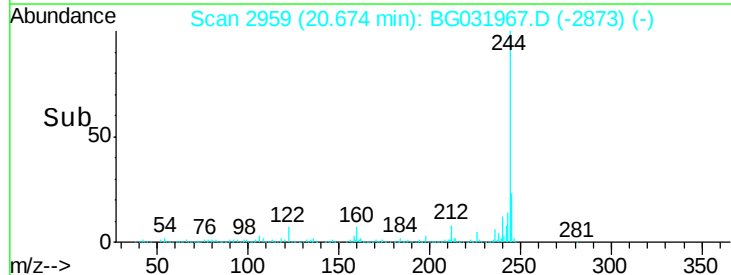
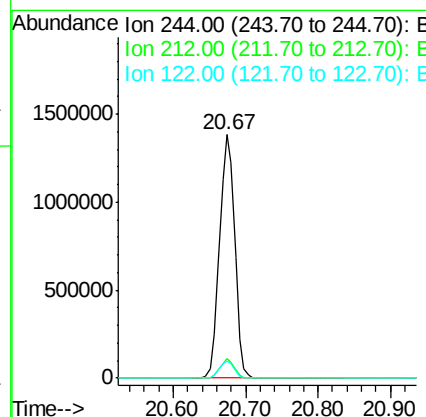
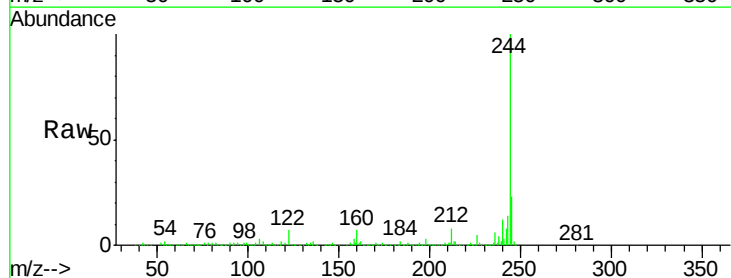
Instrument :
 BNA_G
 ClientSampleId :

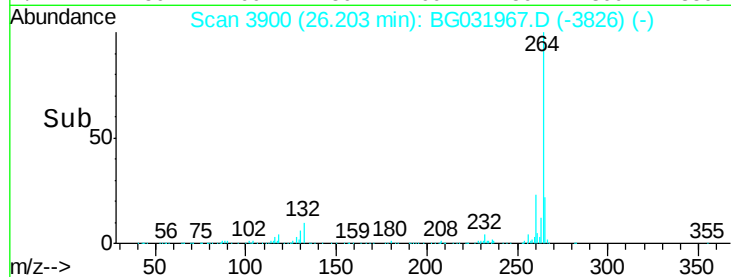
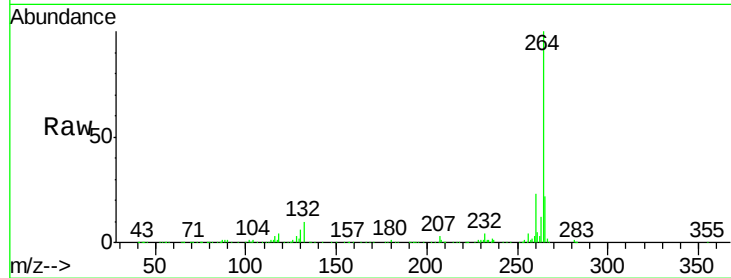
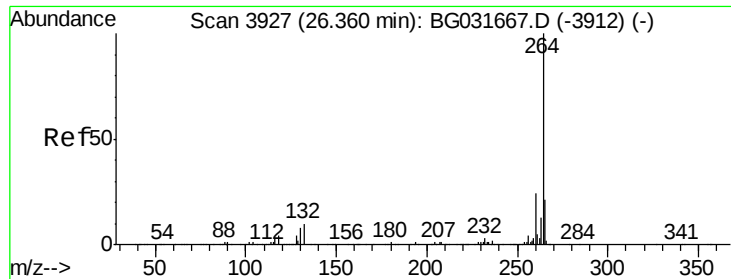
Tot Ion:240 Resp: 509219
 Ion Ratio Lower Upper
 240 100
 120 6.4 6.8 10.2#
 236 25.9 20.9 31.3



#78
 Terphenyl-d14
 Concen: 90.066 ng
 RT: 20.67 min Scan# 2959
 Delta R.T. -0.02 min
 Lab File: BG031967.D
 Acq: 10 Jan 2018 5:11

Tgt Ion:244 Resp: 2007448
 Ion Ratio Lower Upper
 244 100
 212 8.3 5.8 8.8
 122 7.2 7.0 10.4





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.20 min Scan# 3900
 Delta R.T. -0.09 min
 Lab File: BG031967.D
 Acq: 10 Jan 2018 5:11

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.4	26.0
265	21.7	17.7	26.5

