

Data Path : U:\HPCHEM1\BNA G\DATA\BG010418\
 Data File : BG031915.D
 Acq On : 4 Jan 2018 14:58
 Operator : SJ/JU
 Sample : PB105473BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 05 03:09:07 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 15:51:46 2017
 Response via : Initial Calibration

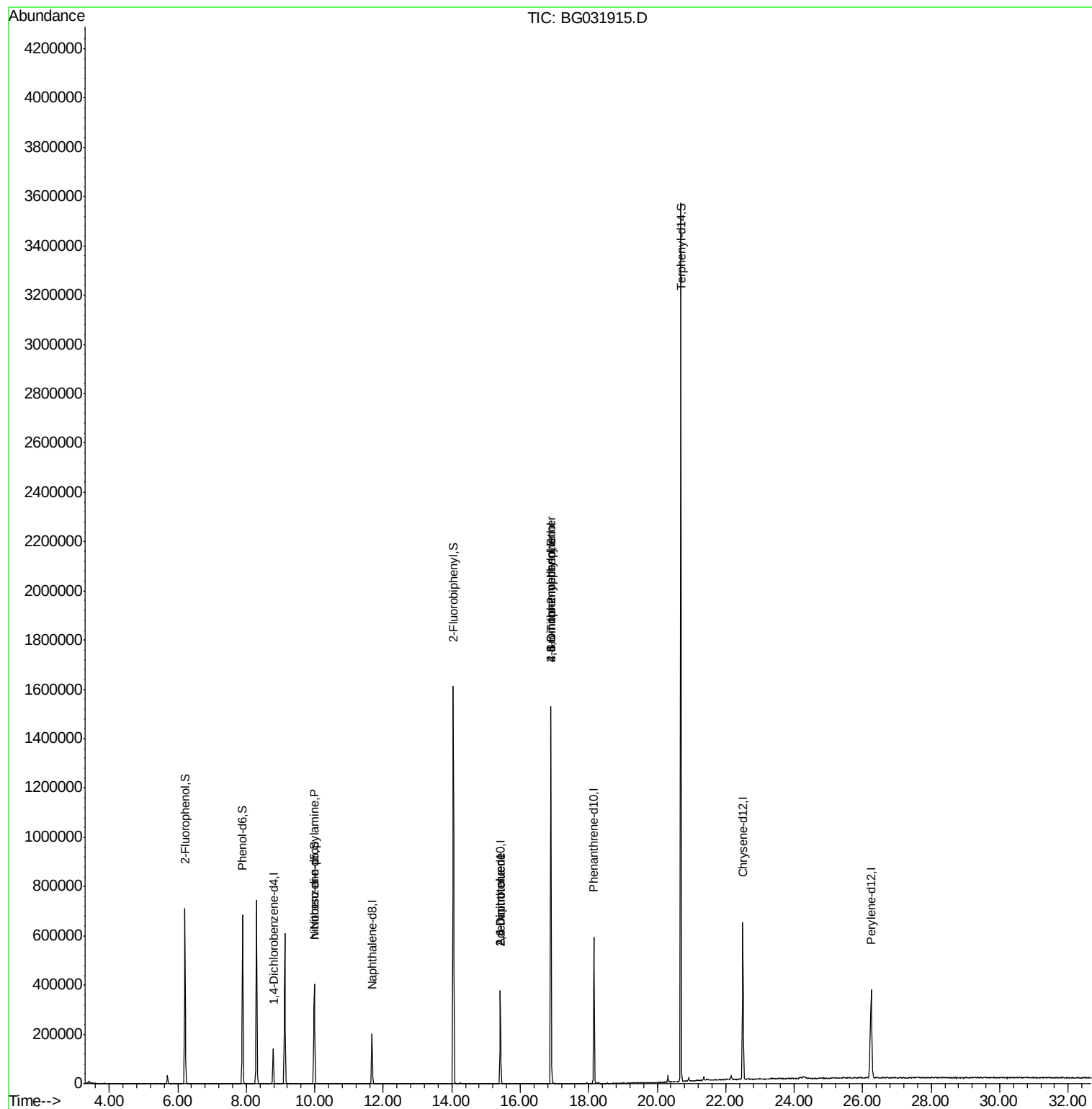
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.79	152	47673	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	203072	20.00	ng	0.00
38) Acenaphthene-d10	15.42	164	145930	20.00	ng	0.00
63) Phenanthrene-d10	18.15	188	419100	20.00	ng	0.00
75) Chrysene-d12	22.50	240	500362	20.00	ng	0.00
86) Perylene-d12	26.24	264	483403	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	387129	147.91	ng	0.00
7) Phenol-d6	7.89	99	491150	144.53	ng	0.00
23) Nitrobenzene-d5	9.99	82	269416	100.18	ng	0.00
41) 2,4,6-Tribromophenol	16.90	330	381407	171.29	ng	0.00
44) 2-Fluorobiphenyl	14.05	172	984906	84.71	ng	0.00
78) Terphenyl-d14	20.69	244	1961674	89.57	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.99	70	34973	15.069	ng	# 72
50) 2,6-Dinitrotoluene	15.42	165	19323	8.170	ng	# 19
56) 2,4-Dinitrotoluene	15.42	165	19323	6.354	ng	# 17
64) 4,6-Dinitro-2-methylphenol	16.89	198	904	8.672	ng	# 1
66) 4-Bromophenyl-phenylether	16.89	248	30406	5.017	ng	# 1

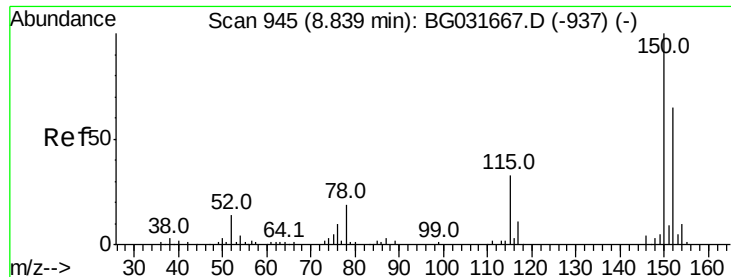
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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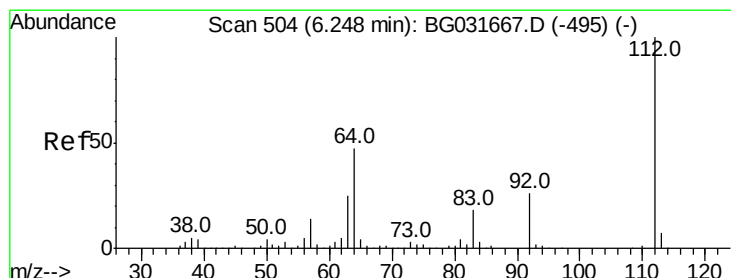
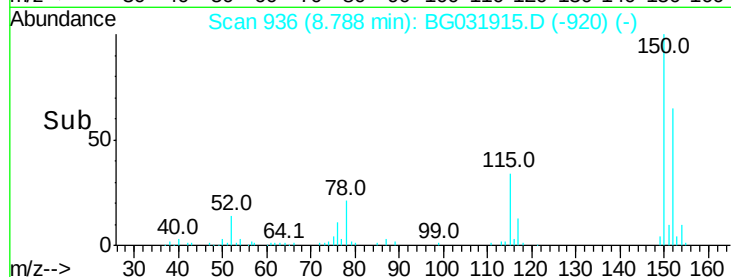
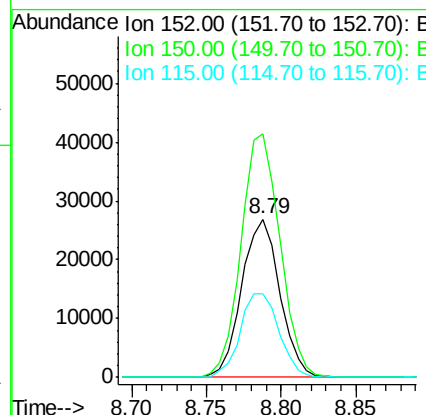
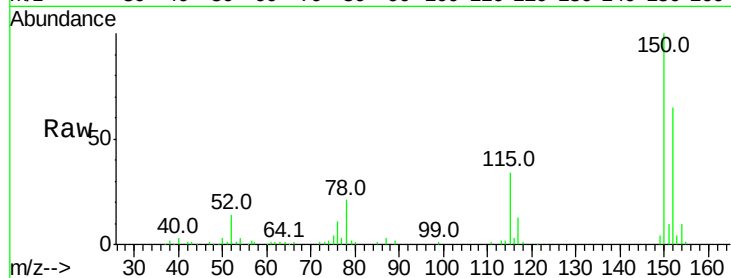


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.79 min Scan# 936
Delta R.T. -0.00 min
Lab File: BG031915.D
Acq: 4 Jan 2018 14:58

Instrument :
BNA_G
ClientSampled :

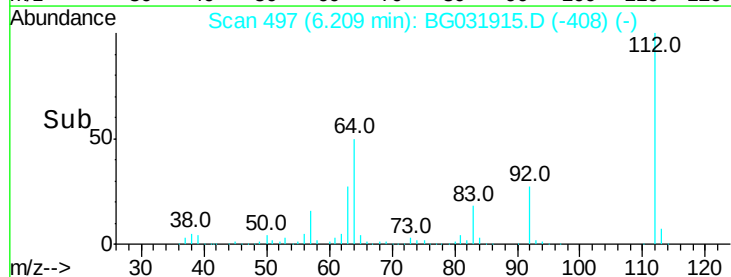
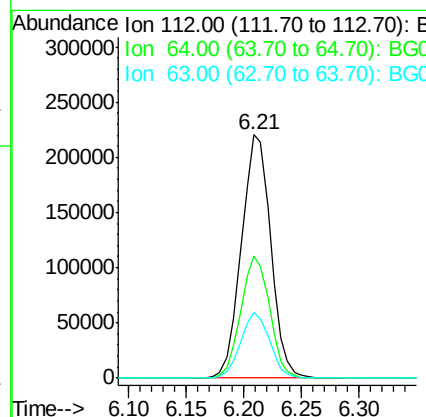
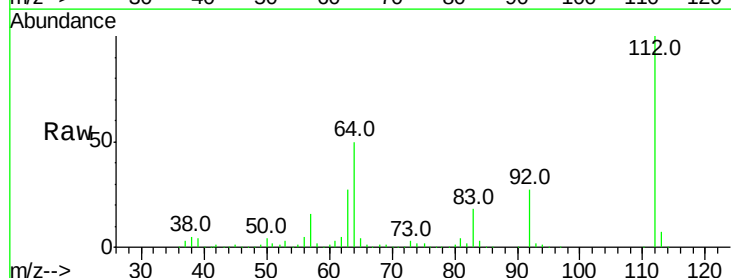
Tot Ion:152 Resp: 47673
Ion Ratio Lower Upper
152 100
150 154.0 126.6 189.8
115 52.6 53.0 79.4#

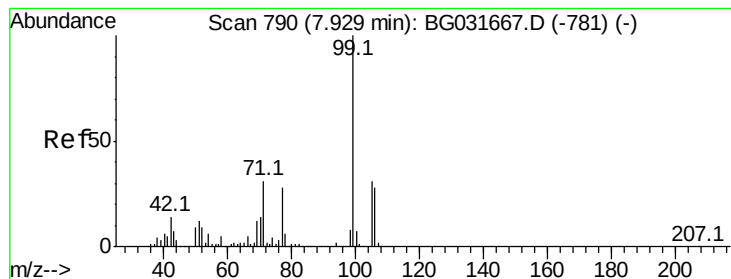


#5

2-Fluorophenol
Concen: 147.906 ng
RT: 6.21 min Scan# 497
Delta R.T. -0.00 min
Lab File: BG031915.D
Acq: 4 Jan 2018 14:58

Tgt Ion:112 Resp: 387129
Ion Ratio Lower Upper
112 100
64 49.9 56.3 84.5#
63 27.0 30.1 45.1#





#7

Phenol-d6

Concen: 144.530 ng

RT: 7.89 min Scan# 783

Delta R.T. -0.00 min

Lab File: BG031915.D

Acq: 4 Jan 2018 14:58

Instrument :

BNA_G

ClientSampleId :

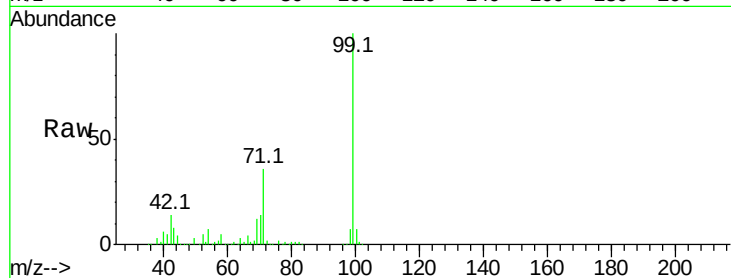
Tot Ion: 99 Resp: 491150

Ion Ratio Lower Upper

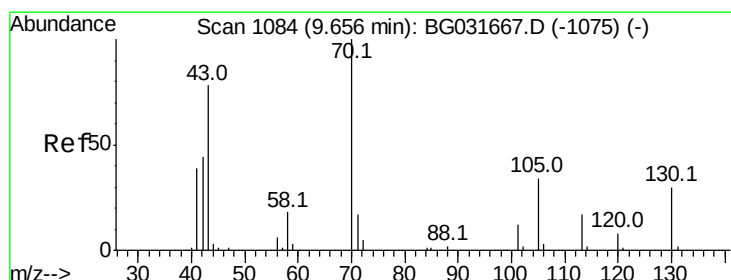
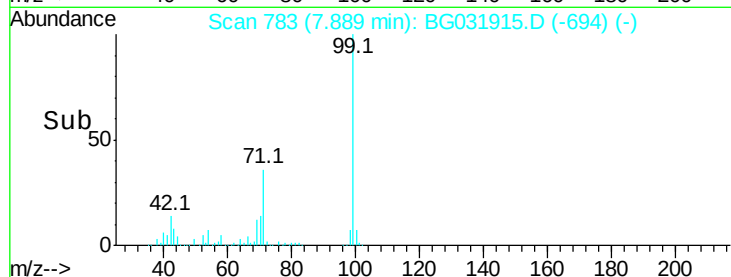
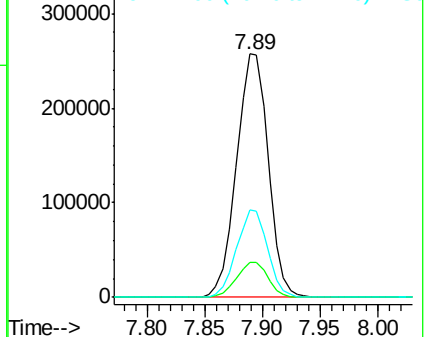
99 100

42 14.4 14.1 21.1

71 35.8 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



#19

n-Nitroso-di-n-propylamine

Concen: 15.069 ng

RT: 9.99 min Scan# 1140

Delta R.T. 0.38 min

Lab File: BG031915.D

Acq: 4 Jan 2018 14:58

Tgt Ion: 70 Resp: 34973

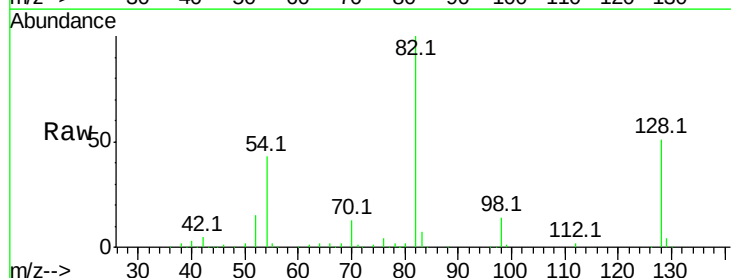
Ion Ratio Lower Upper

70 100

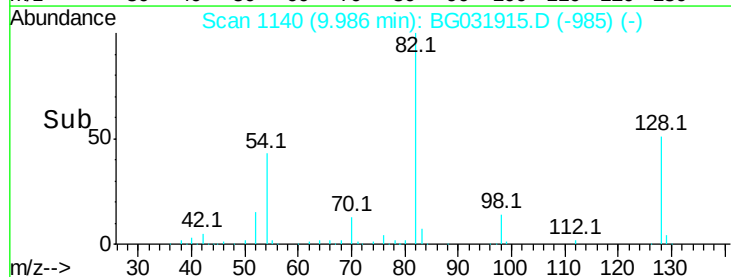
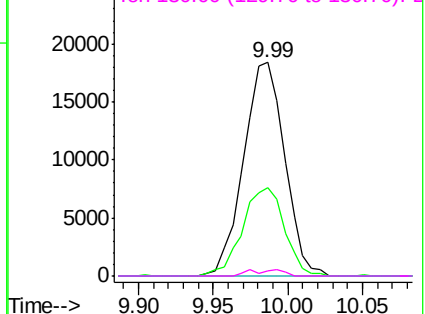
42 41.5 49.1 73.7#

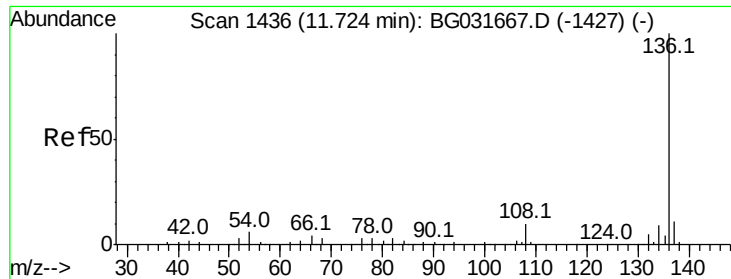
101 0.0 8.5 12.7#

130 2.5 13.4 20.0#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.67 min Scan# 1427

Delta R.T. -0.00 min

Lab File: BG031915.D

Acq: 4 Jan 2018 14:58

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 203072

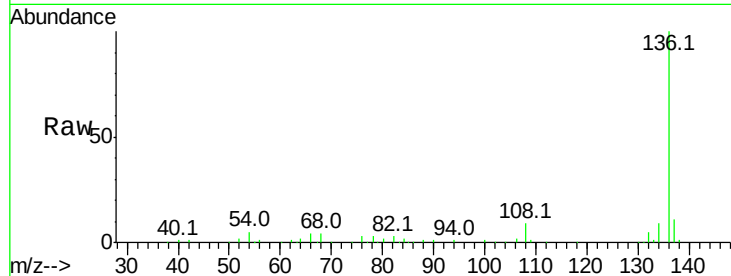
Ion Ratio Lower Upper

136 100

137 11.0 9.2 13.8

54 5.5 10.3 15.5#

68 4.0 4.5 6.7#

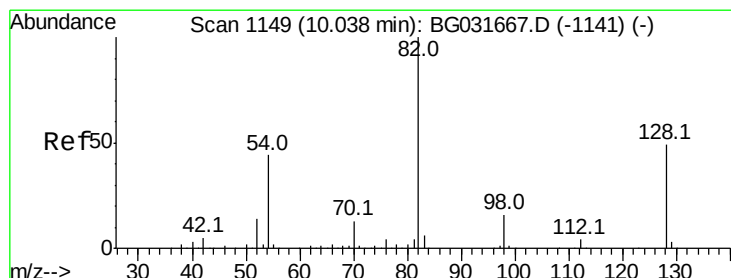
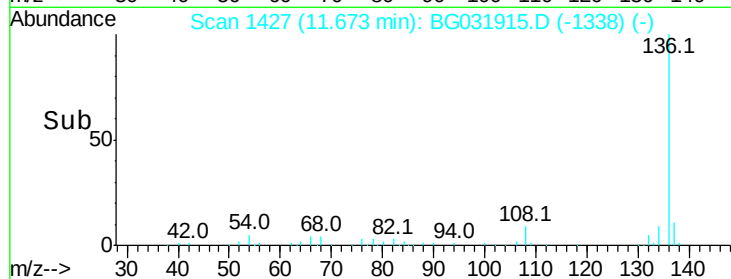
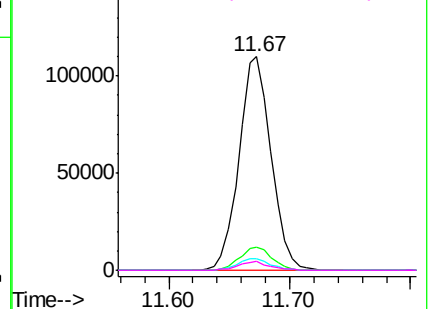


Abundance Ion 136.00 (135.70 to 136.70): E

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: 100.182 ng

RT: 9.99 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BG031915.D

Acq: 4 Jan 2018 14:58

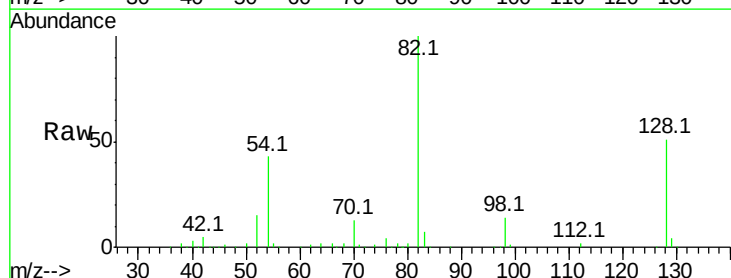
Tgt Ion: 82 Resp: 269416

Ion Ratio Lower Upper

82 100

128 51.3 29.7 44.5#

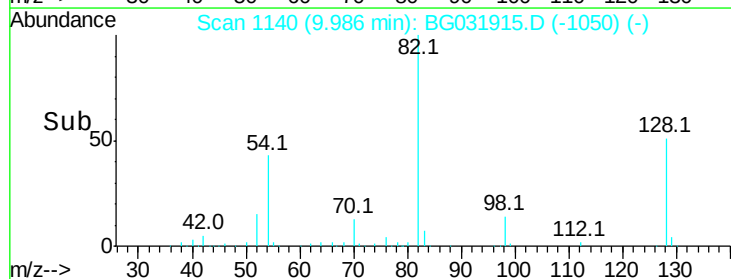
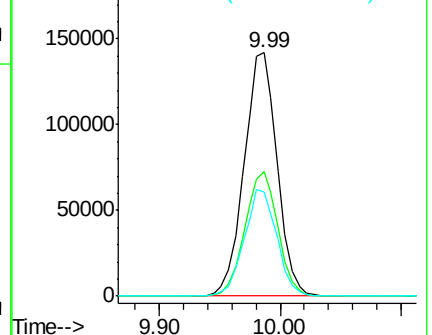
54 42.8 43.1 64.7#

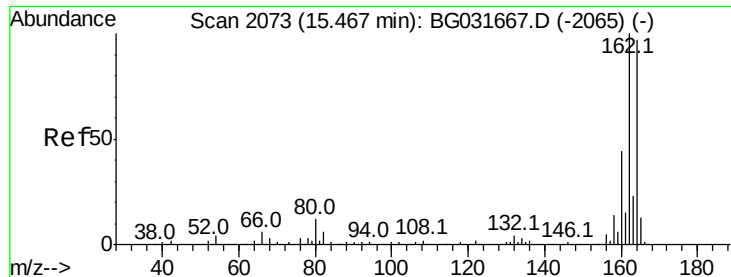


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

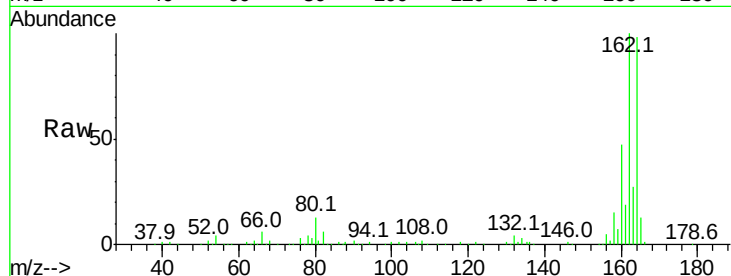




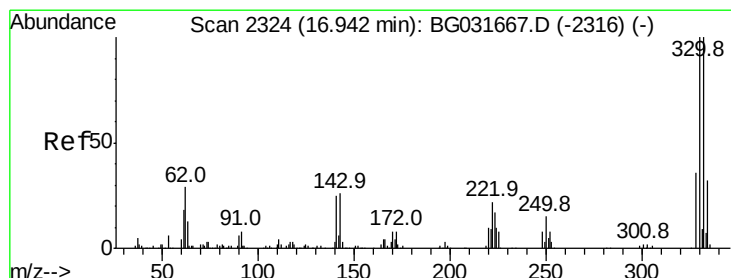
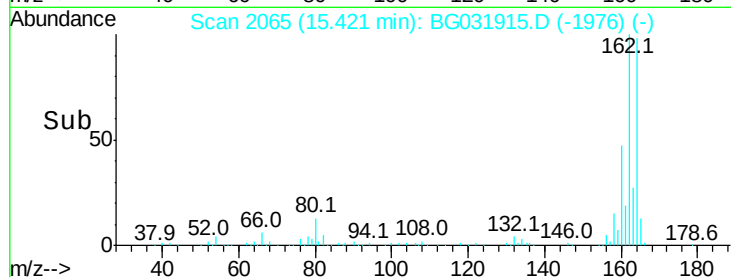
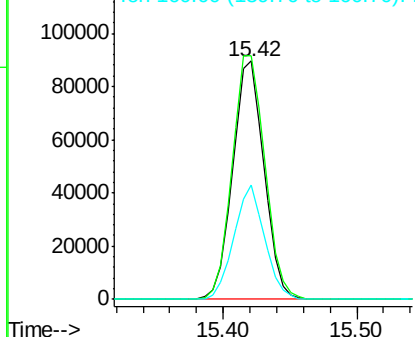
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.42 min Scan# 2065
Delta R.T. -0.00 min
Lab File: BG031915.D
Acq: 4 Jan 2018 14:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 145930
Ion Ratio Lower Upper
164 100
162 102.2 78.8 118.2
160 47.9 35.4 53.0

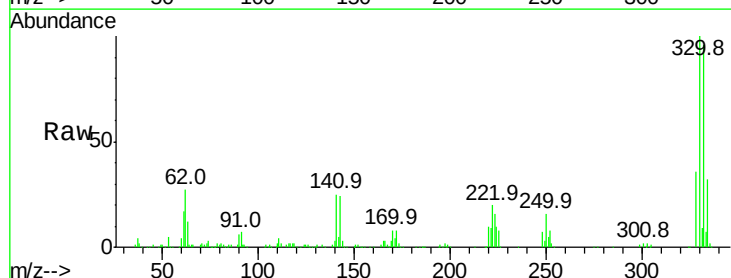


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

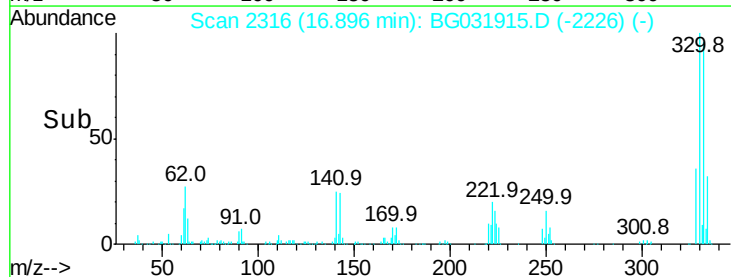
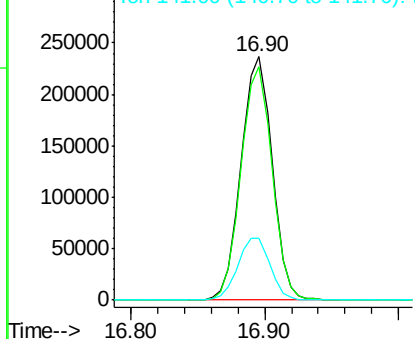


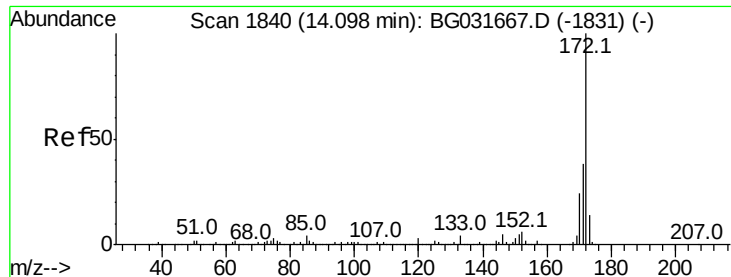
#41
2,4,6-Tribromophenol
Concen: 171.289 ng
RT: 16.90 min Scan# 2316
Delta R.T. 0.00 min
Lab File: BG031915.D
Acq: 4 Jan 2018 14:58

Tgt Ion:330 Resp: 381407
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.6
141 26.4 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

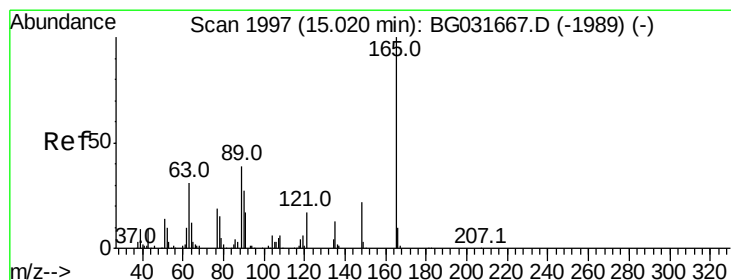
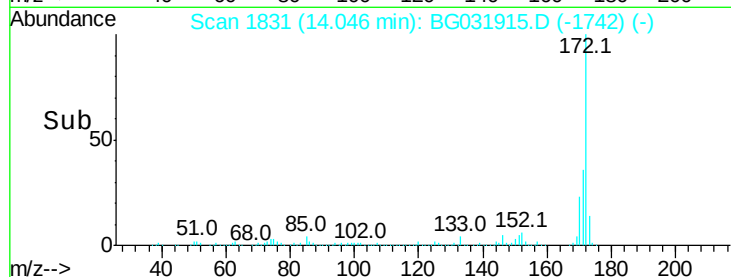
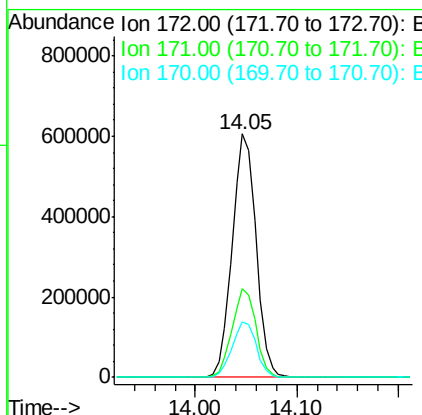
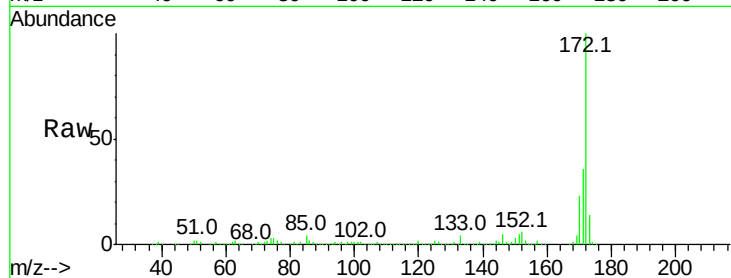




#44
 2-Fluorobiphenyl
 Concen: 84.711 ng
 RT: 14.05 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: BG031915.D
 Acq: 4 Jan 2018 14:58

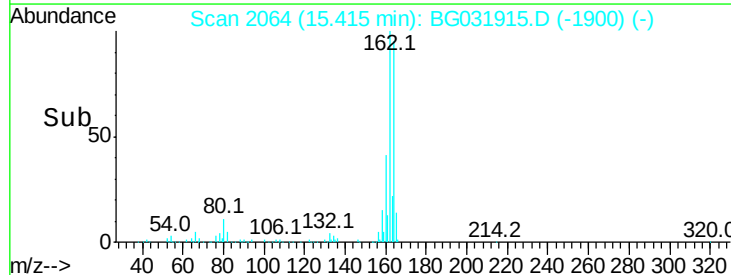
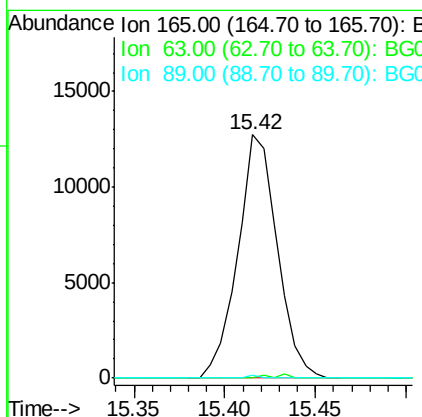
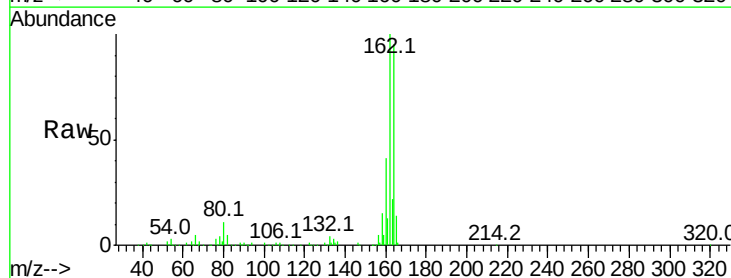
Instrument :
 BNA_G
 ClientSampleId :

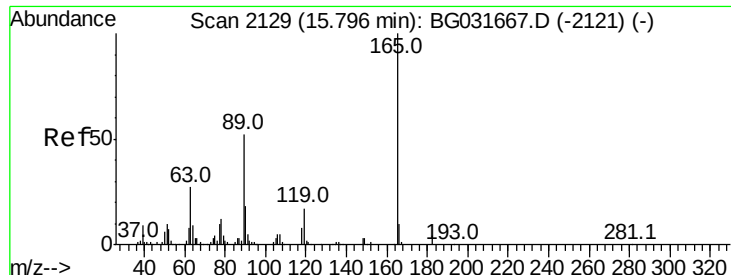
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.0	45.0
170	22.5	19.5	29.3



#50
 2,6-Dinitrotoluene
 Concen: 8.170 ng
 RT: 15.42 min Scan# 2064
 Delta R.T. 0.44 min
 Lab File: BG031915.D
 Acq: 4 Jan 2018 14:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	1.3	49.2	73.8#

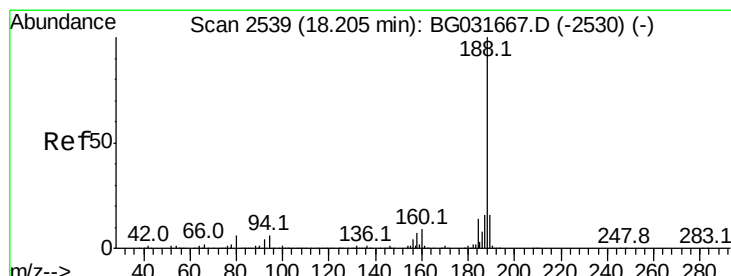
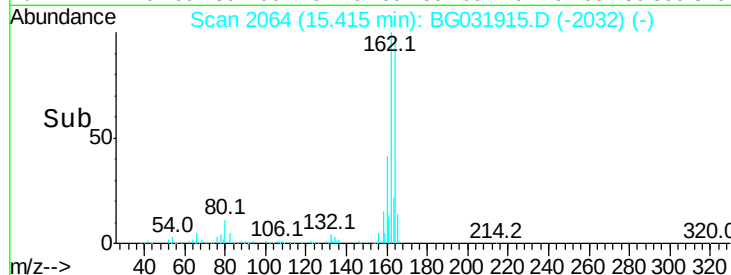
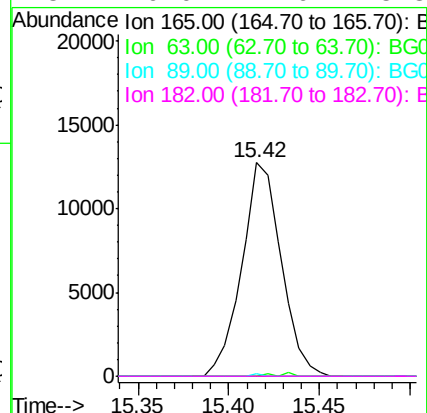
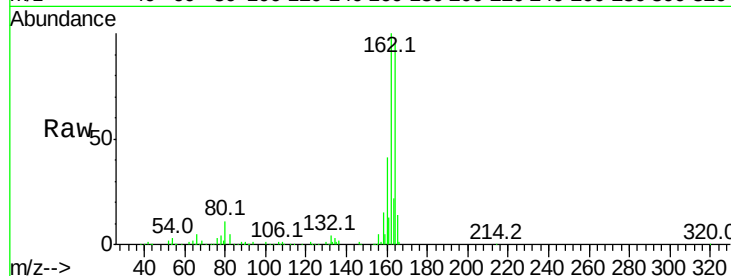




#56
 2,4-Dinitrotoluene
 Concen: 6.354 ng
 RT: 15.42 min Scan# 2064
 Delta R.T. -0.34 min
 Lab File: BG031915.D
 Acq: 4 Jan 2018 14:58

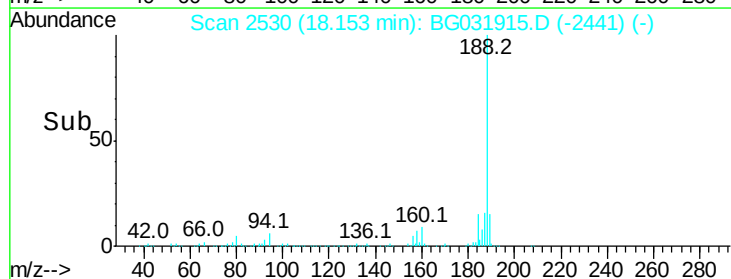
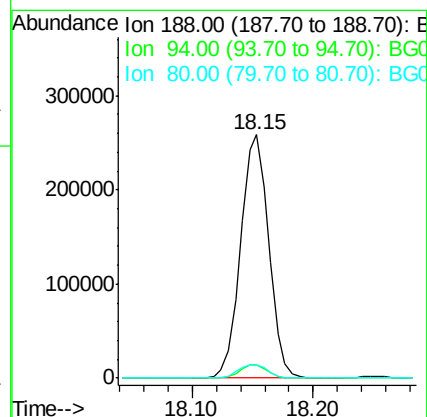
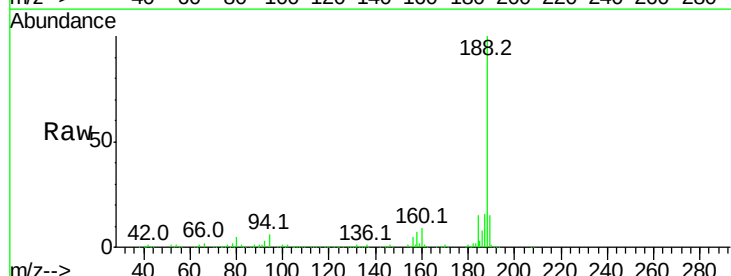
Instrument :
 BNA_G
 ClientSampleId :

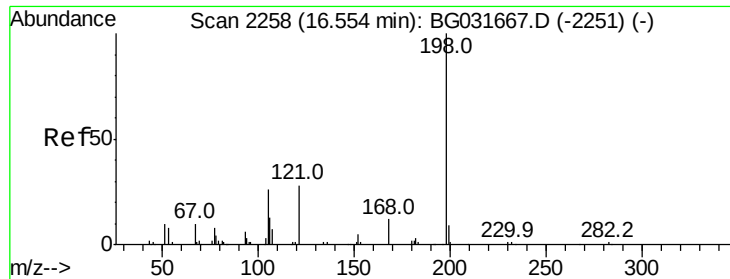
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	1.3	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.15 min Scan# 2530
 Delta R.T. -0.00 min
 Lab File: BG031915.D
 Acq: 4 Jan 2018 14:58

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.6	6.9	10.3#
80	5.4	7.7	11.5#

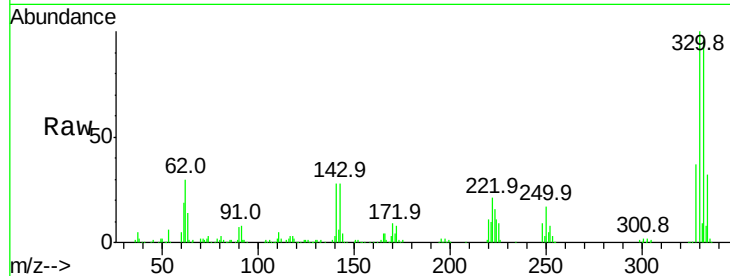




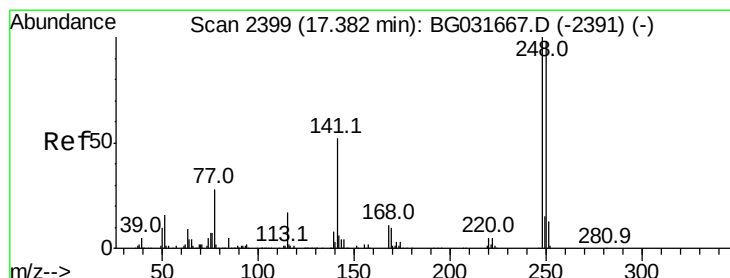
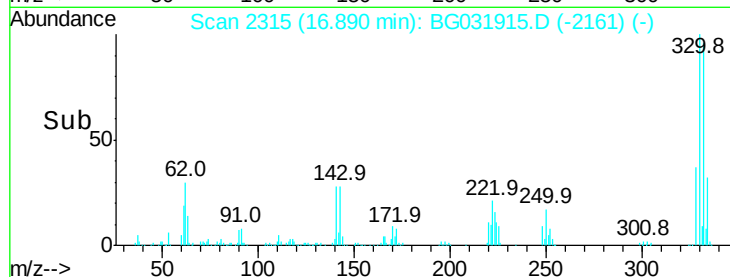
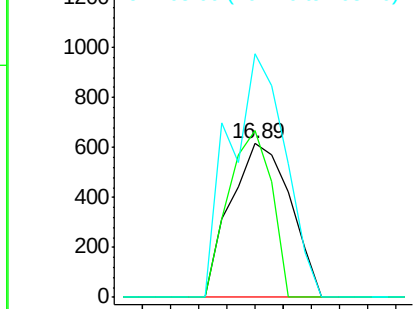
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.672 ng
 RT: 16.89 min Scan# 2315
 Delta R.T. 0.38 min
 Lab File: BG031915.D
 Acq: 4 Jan 2018 14:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 904
 Ion Ratio Lower Upper
 198 100
 51 108.3 30.6 70.6#
 105 158.5 23.8 63.8#

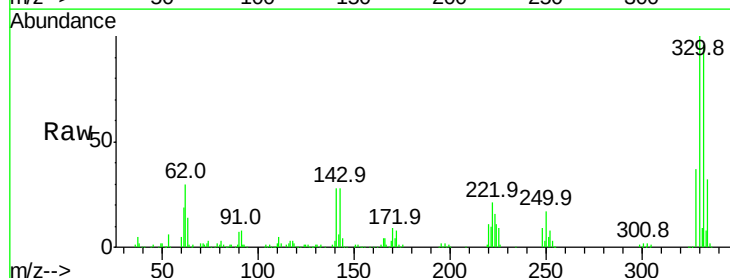


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

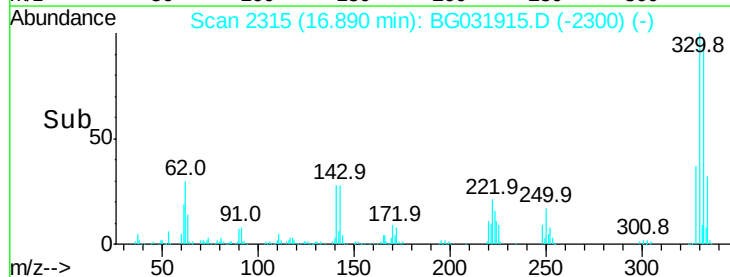
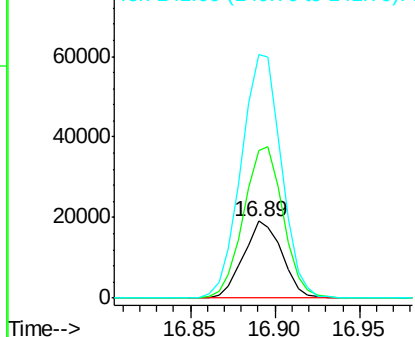


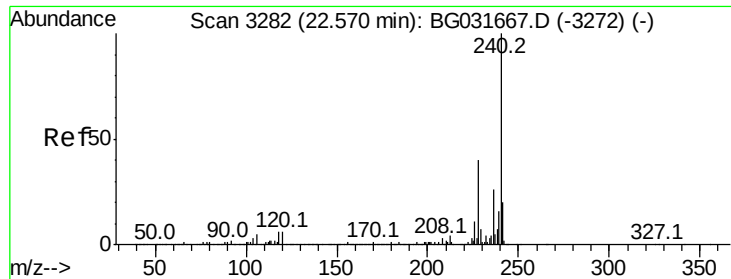
#66
 4-Bromophenyl-phenylether
 Concen: 5.017 ng
 RT: 16.89 min Scan# 2315
 Delta R.T. -0.44 min
 Lab File: BG031915.D
 Acq: 4 Jan 2018 14:58

Tgt Ion:248 Resp: 30406
 Ion Ratio Lower Upper
 248 100
 250 192.3 77.1 115.7#
 141 317.4 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

Chrvsene-d12

Concen: 20.000 ng

RT: 22.50 min Scan# 3270

Delta R.T. -0.00 min

Lab File: BG031915.D

Acq: 4 Jan 2018 14:58

Instrument :

BNA_G

ClientSampleId :

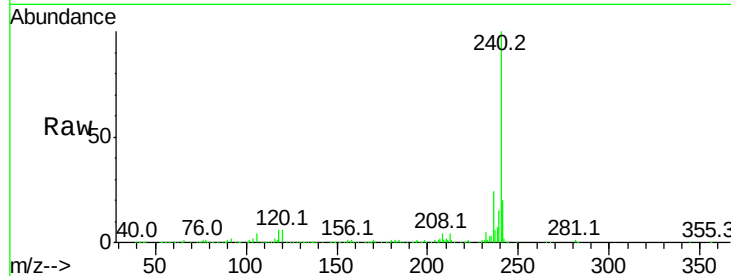
Tot Ion:240 Resp: 500362

Ion Ratio Lower Upper

240 100

120 6.0 6.8 10.2#

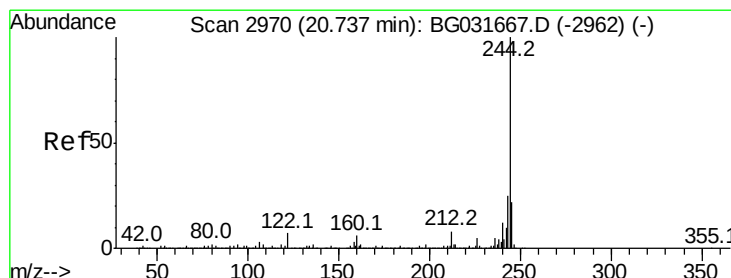
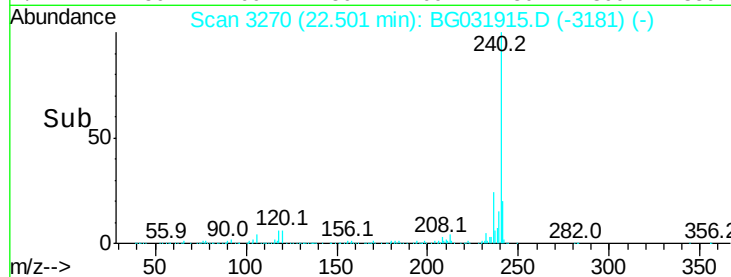
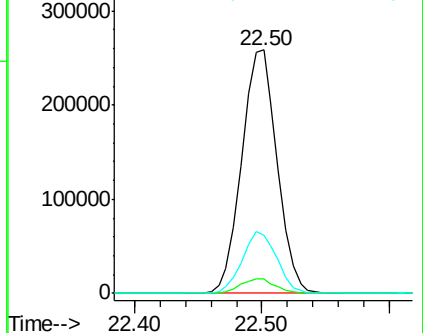
236 24.1 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 89.570 ng

RT: 20.69 min Scan# 2961

Delta R.T. -0.00 min

Lab File: BG031915.D

Acq: 4 Jan 2018 14:58

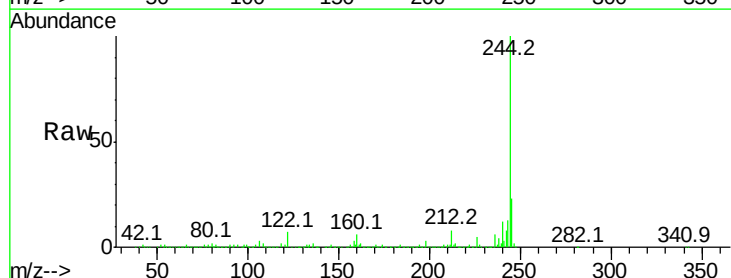
Tgt Ion:244 Resp: 1961674

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

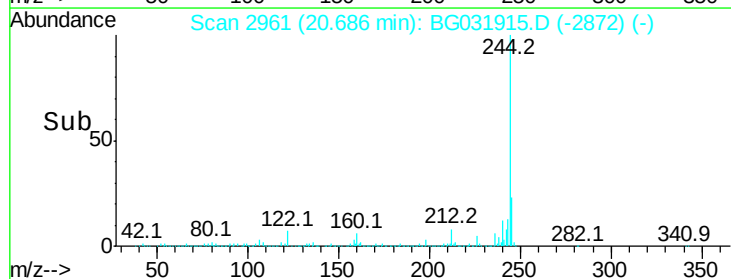
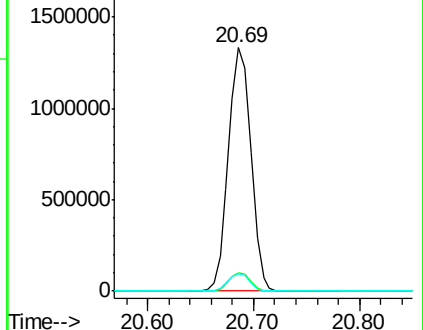
122 7.2 7.0 10.4

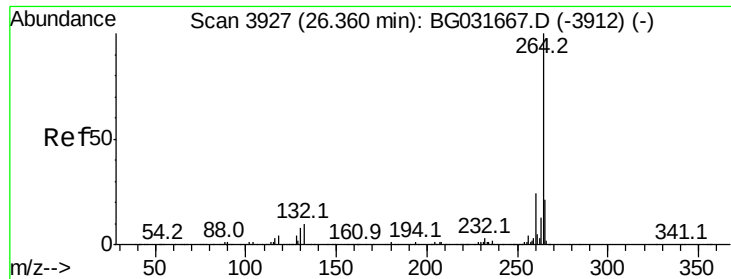


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.24 min Scan# 3907
Delta R.T. -0.01 min
Lab File: BG031915.D
Acq: 4 Jan 2018 14:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	22.7	17.7	26.5

