

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010918\
 Data File : BG031968.D
 Acq On : 10 Jan 2018 5:49
 Operator : SJ/JU
 Sample : J1044-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 10 06:24:10 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

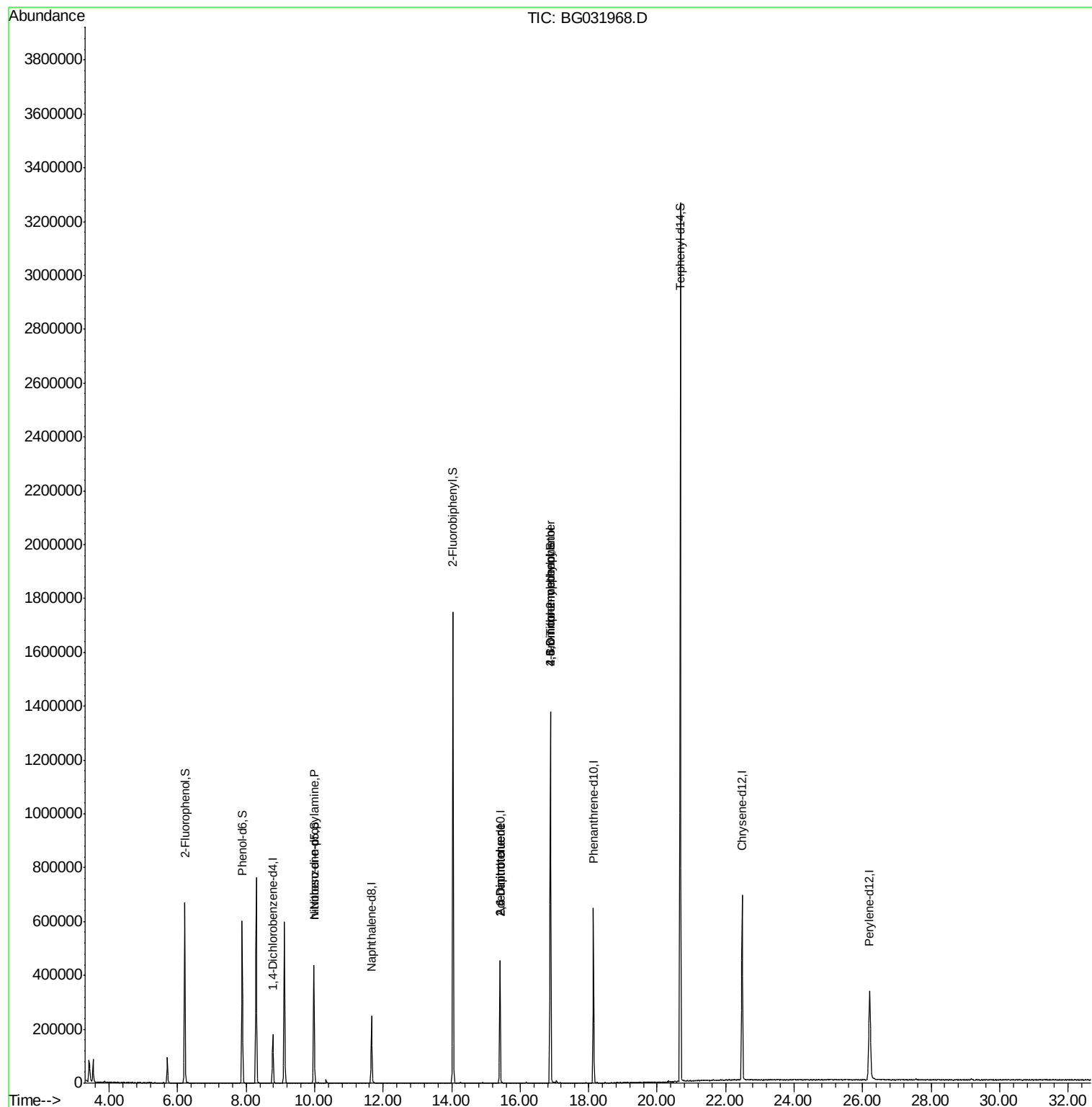
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	60777	20.00	ng	0.00
21) Naphthalene-d8	11.66	136	250789	20.00	ng	0.00
38) Acenaphthene-d10	15.41	164	177372	20.00	ng	-0.02
63) Phenanthrene-d10	18.14	188	453476	20.00	ng	-0.02
75) Chrysene-d12	22.48	240	504573	20.00	ng	-0.04
86) Perylene-d12	26.21	264	507532	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	354482	106.23	ng	0.00
7) Phenol-d6	7.89	99	427558	98.69	ng	0.00
23) Nitrobenzene-d5	9.98	82	287183	86.47	ng	0.00
41) 2,4,6-Tribromophenol	16.88	330	331658	122.54	ng	-0.02
44) 2-Fluorobiphenyl	14.04	172	1033171	73.11	ng	-0.02
78) Terphenyl-d14	20.68	244	1818624	82.35	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.98	70	37355	12.625	ng	# 75
50) 2,6-Dinitrotoluene	15.41	165	22804	7.933	ng	# 21
56) 2,4-Dinitrotoluene	15.41	165	22804	6.169	ng	# 19
64) 4,6-Dinitro-2-methylphenol	16.88	198	1108	8.721	ng	93
66) 4-Bromophenyl-phenylether	16.88	248	26586	4.054	ng	# 1

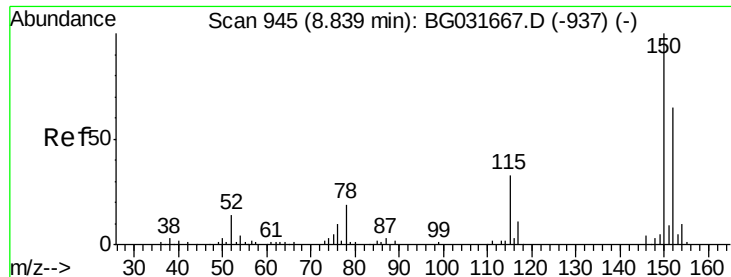
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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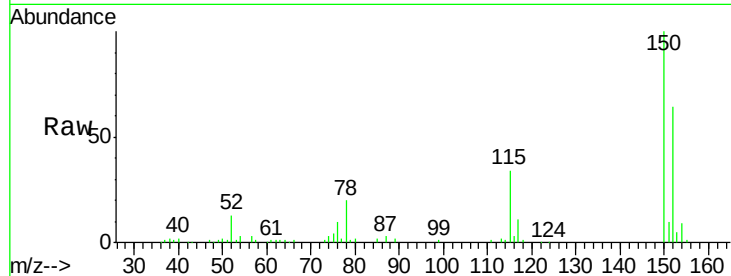


#1

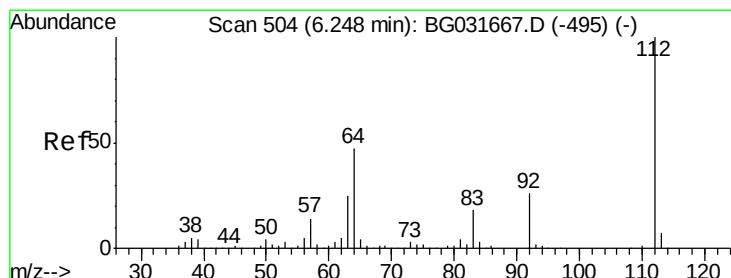
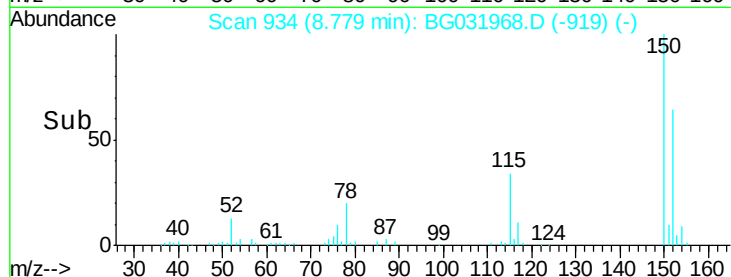
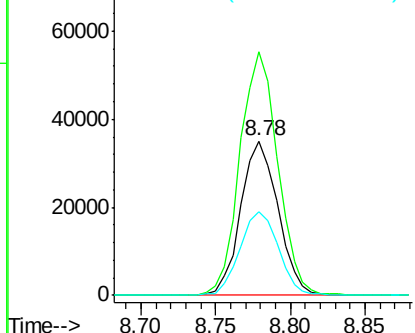
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.78 min Scan# 934
Delta R.T. -0.01 min
Lab File: BG031968.D
Acq: 10 Jan 2018 5:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 60777
Ion Ratio Lower Upper
152 100
150 157.4 126.6 189.8
115 54.1 53.0 79.4



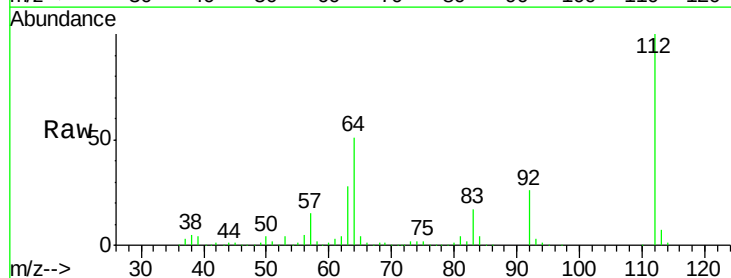
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



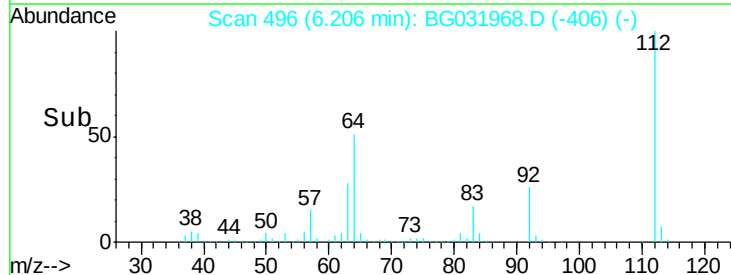
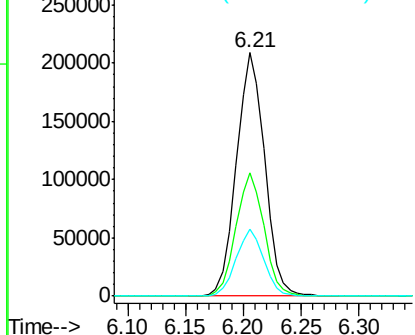
#5

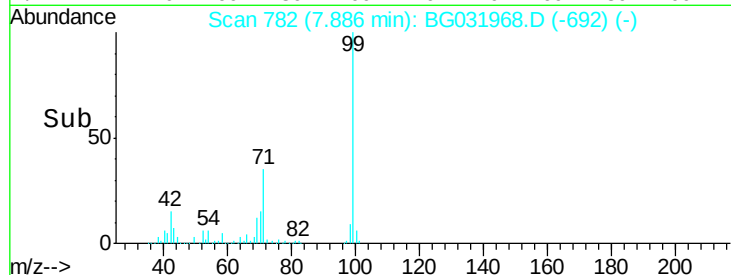
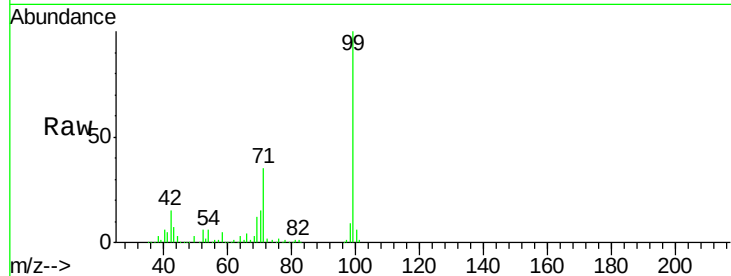
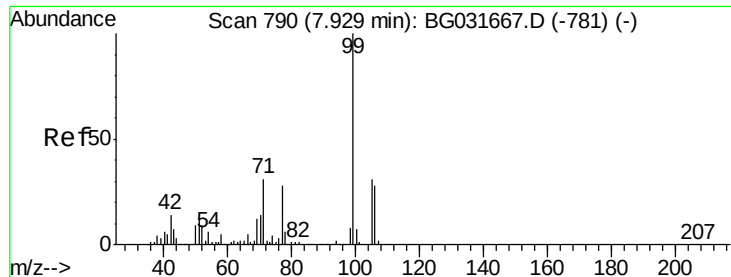
2-Fluorophenol
Concen: 106.232 ng
RT: 6.21 min Scan# 496
Delta R.T. -0.00 min
Lab File: BG031968.D
Acq: 10 Jan 2018 5:49

Tgt Ion:112 Resp: 354482
Ion Ratio Lower Upper
112 100
64 50.6 56.3 84.5#
63 27.6 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: 98.690 ng

RT: 7.89 min Scan# 782

Delta R.T. -0.00 min

Lab File: BG031968.D

Acq: 10 Jan 2018 5:49

Instrument :

BNA_G

ClientSampleId :

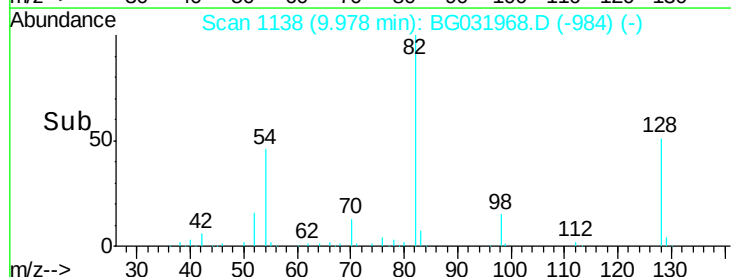
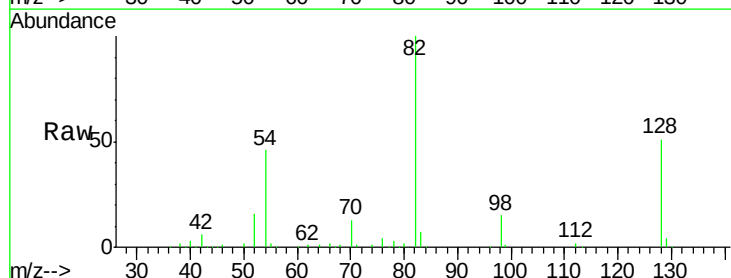
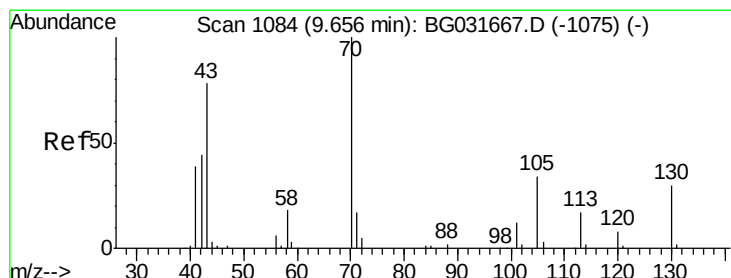
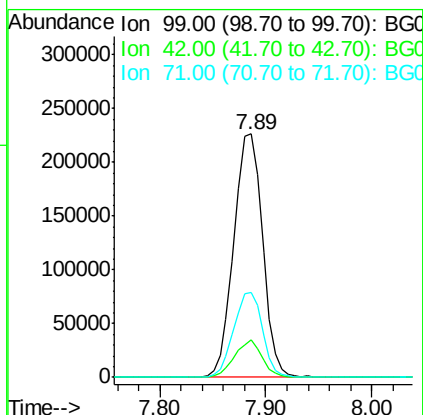
Tot Ion: 99 Resp: 427558

Ion Ratio Lower Upper

99 100

42 15.3 14.1 21.1

71 34.8 26.1 39.1



#19

n-Nitroso-di-n-propylamine

Concen: 12.625 ng

RT: 9.98 min Scan# 1138

Delta R.T. 0.37 min

Lab File: BG031968.D

Acq: 10 Jan 2018 5:49

Tgt Ion: 70 Resp: 37355

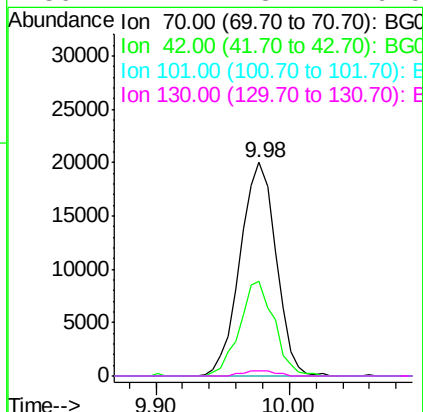
Ion Ratio Lower Upper

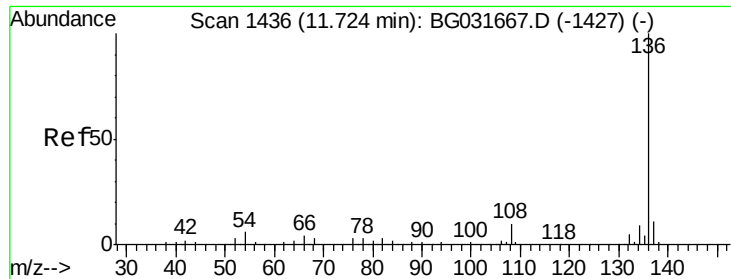
70 100

42 44.1 49.1 73.7#

101 0.0 8.5 12.7#

130 2.2 13.4 20.0#

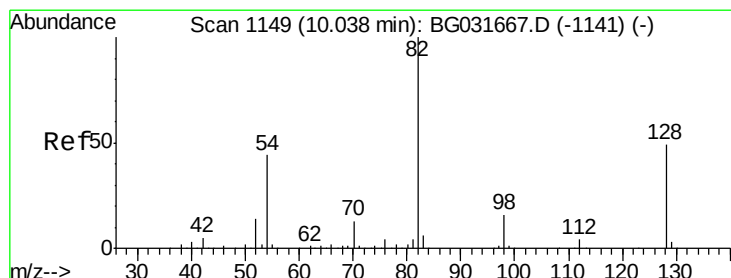
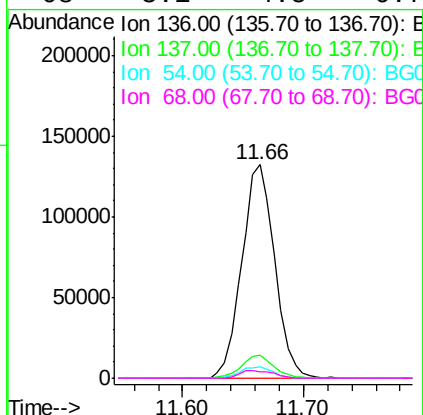
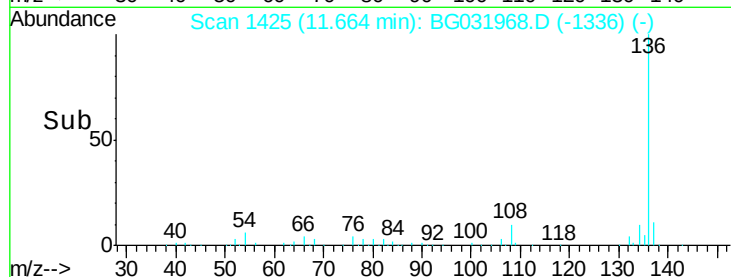
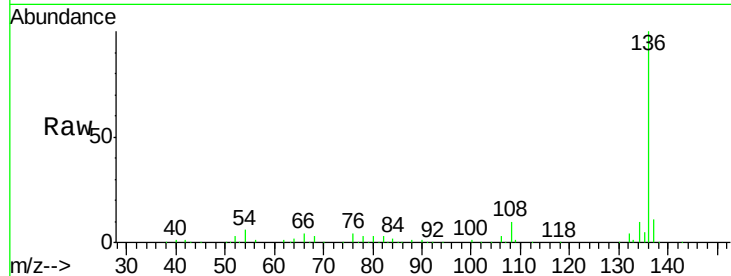




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.66 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BG031968.D
Acq: 10 Jan 2018 5:49

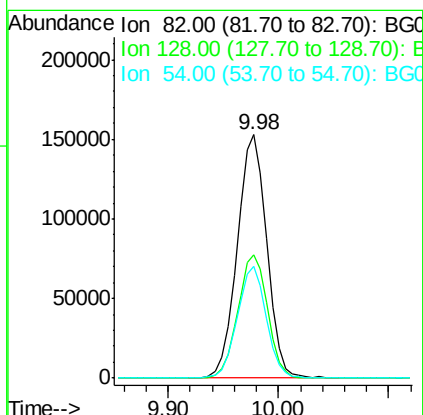
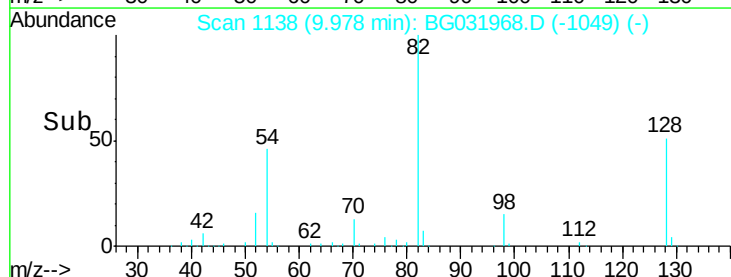
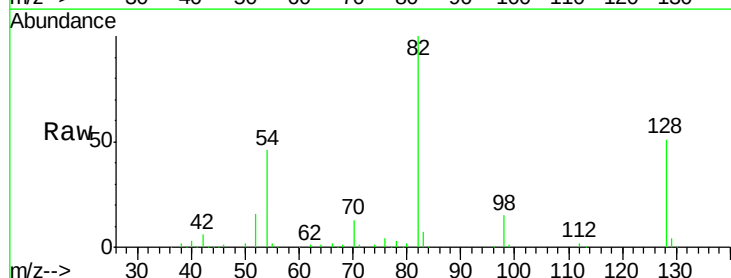
Instrument :
BNA_G
ClientSampleId :

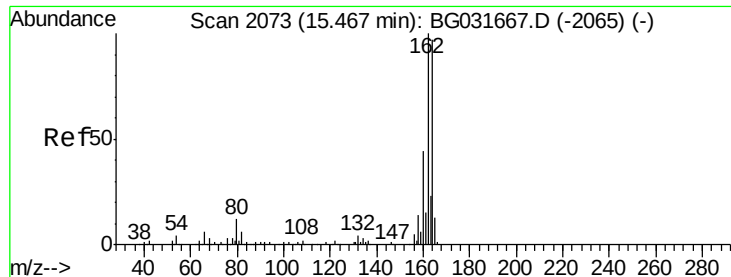
Tot Ion:136	Resp:	250789
Ion	Ratio	Lower Upper
136	100	
137	10.9	9.2 13.8
54	5.5	10.3 15.5#
68	3.1	4.5 6.7#



#23
Nitrobenzene-d5
Concen: 86.470 ng
RT: 9.98 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BG031968.D
Acq: 10 Jan 2018 5:49

Tgt Ion: 82	Resp:	287183
Ion	Ratio	Lower Upper
82	100	
128	50.7	29.7 44.5#
54	45.7	43.1 64.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.41 min Scan# 2063

Delta R.T. -0.02 min

Lab File: BG031968.D

Acq: 10 Jan 2018 5:49

Instrument :

BNA_G

ClientSampled :

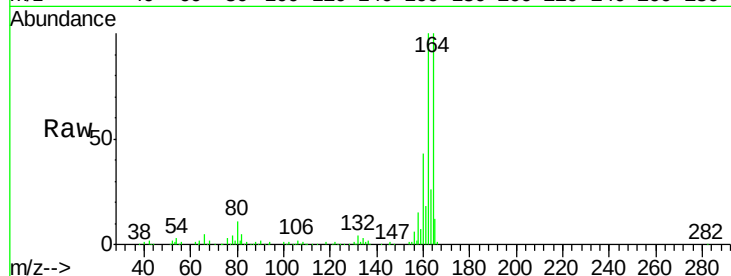
Tot Ion:164 Resp: 177372

Ion Ratio Lower Upper

164 100

162 99.8 78.8 118.2

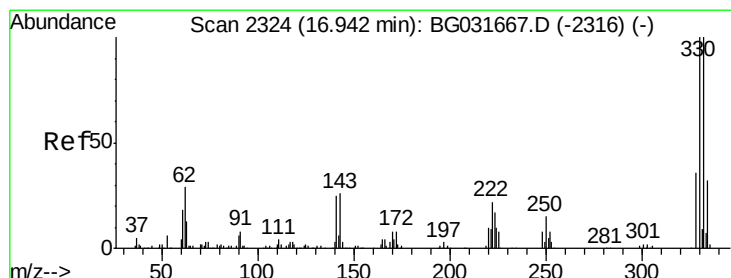
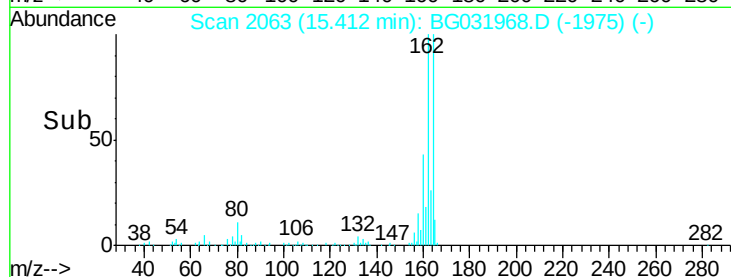
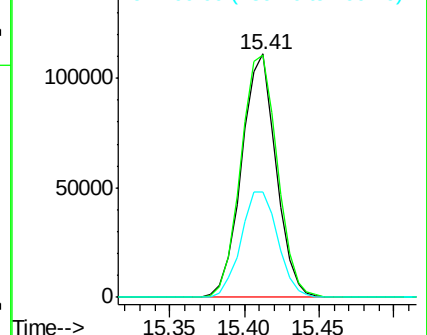
160 43.4 35.4 53.0



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: 122.543 ng

RT: 16.88 min Scan# 2313

Delta R.T. -0.02 min

Lab File: BG031968.D

Acq: 10 Jan 2018 5:49

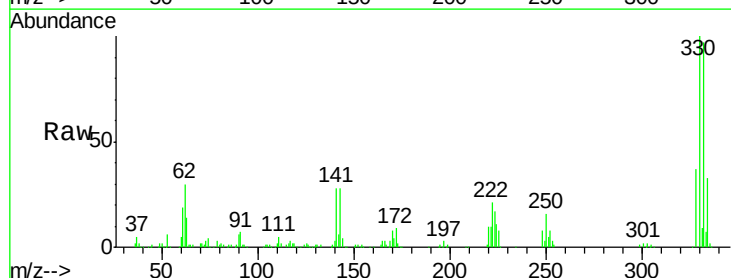
Tgt Ion:330 Resp: 331658

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

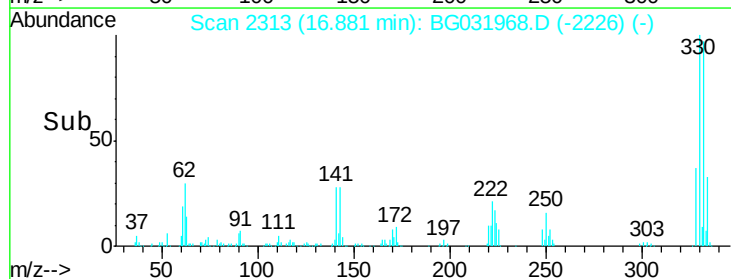
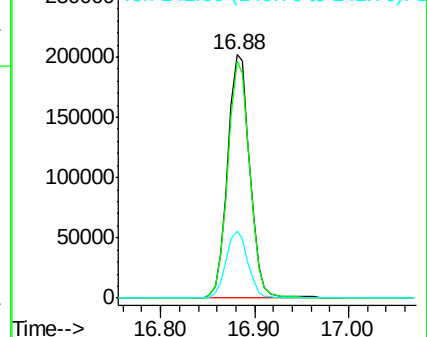
141 27.1 25.2 37.8

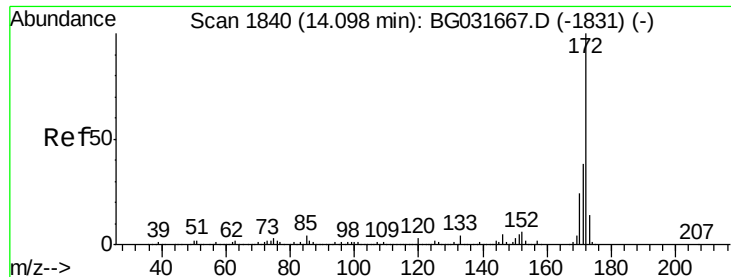


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



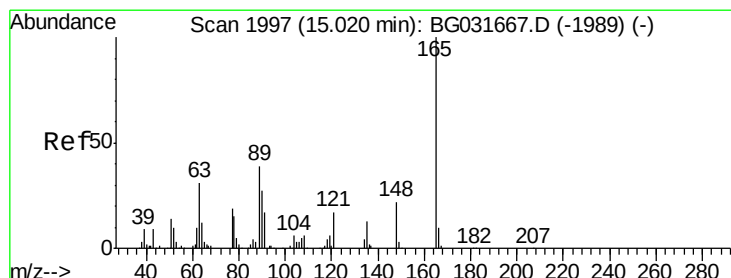
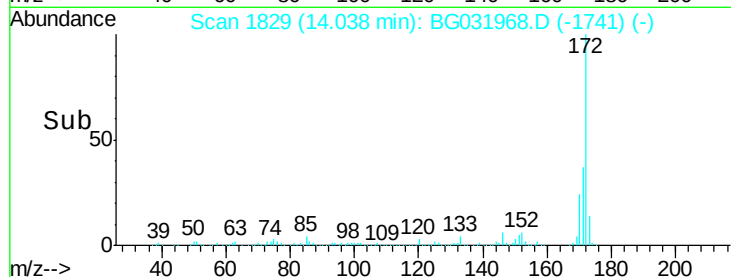
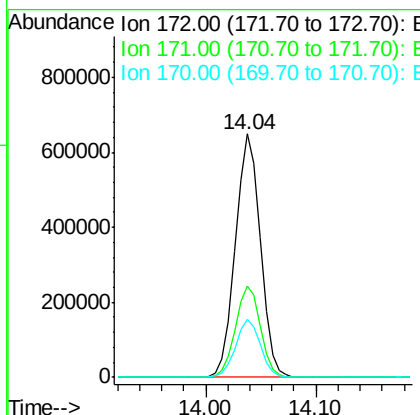
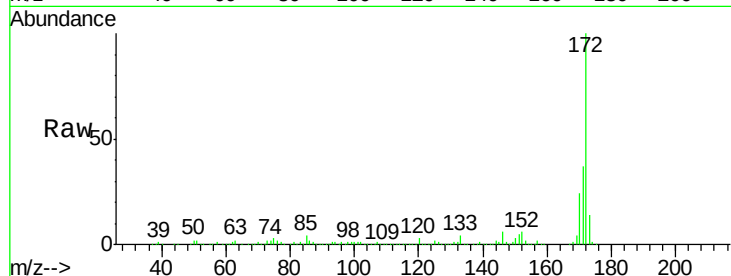


#44
 2-Fluorobiphenyl
 Concen: 73.110 ng
 RT: 14.04 min Scan# 1829
 Delta R.T. -0.02 min
 Lab File: BG031968.D
 Acq: 10 Jan 2018 5:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1033171

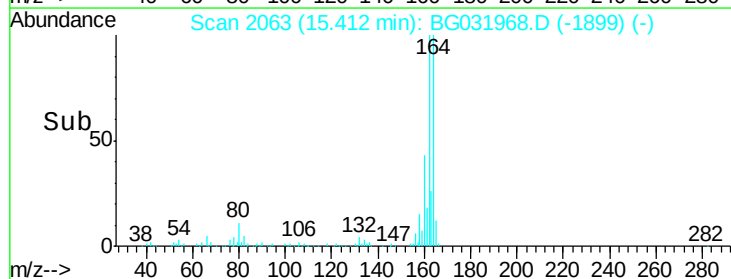
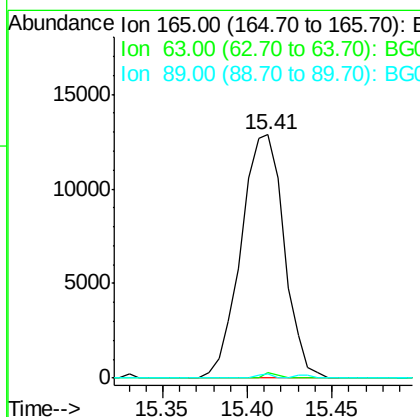
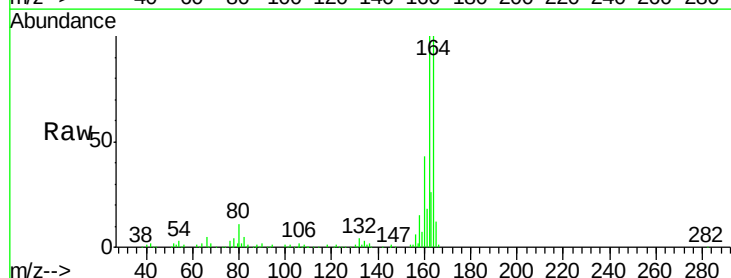
Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.0	45.0
170	23.7	19.5	29.3

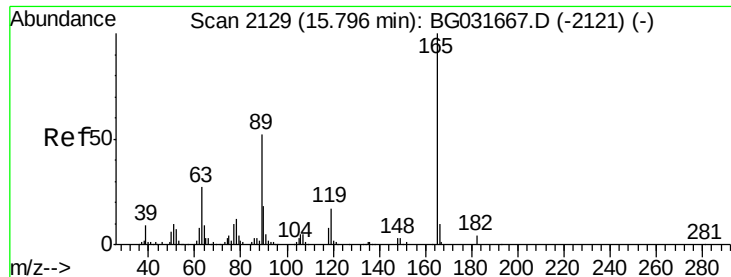


#50
 2,6-Dinitrotoluene
 Concen: 7.933 ng
 RT: 15.41 min Scan# 2063
 Delta R.T. 0.43 min
 Lab File: BG031968.D
 Acq: 10 Jan 2018 5:49

Tgt Ion:165 Resp: 22804

Ion	Ratio	Lower	Upper
165	100		
63	2.5	52.7	79.1#
89	1.9	49.2	73.8#

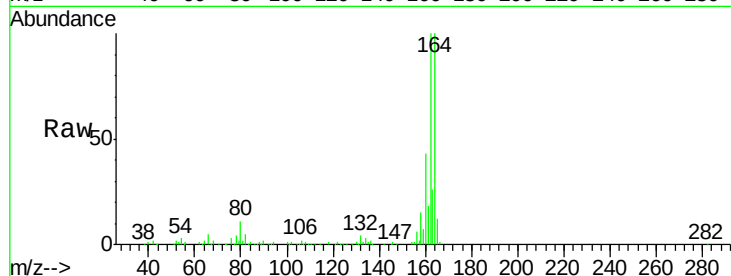




#56
2,4-Dinitrotoluene
Concen: 6.169 ng
RT: 15.41 min Scan# 2063
Delta R.T. -0.34 min
Lab File: BG031968.D
Acq: 10 Jan 2018 5:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.5	42.0	63.0#
89	1.9	66.9	100.3#
182	0.0	2.6	3.8#

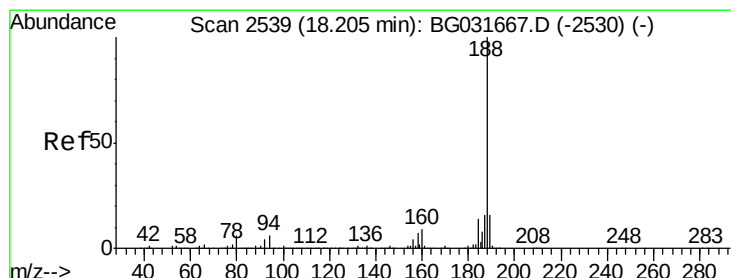
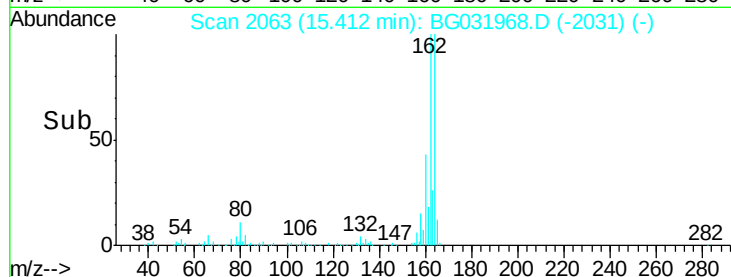
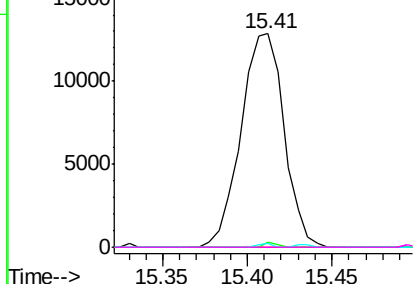


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

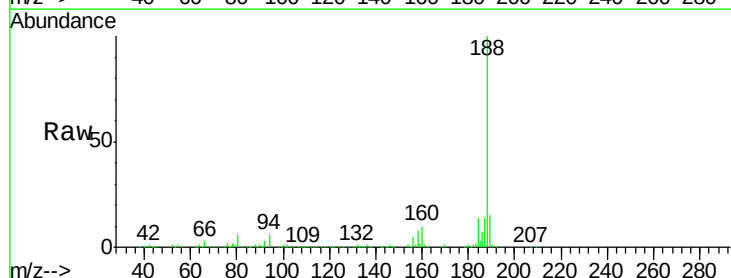
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.14 min Scan# 2527
Delta R.T. -0.02 min
Lab File: BG031968.D
Acq: 10 Jan 2018 5:49

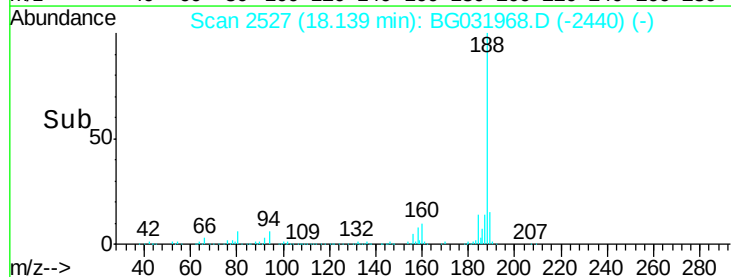
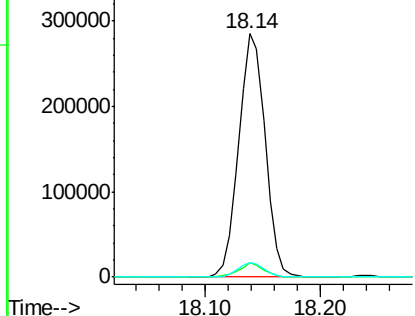
Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.8	6.9	10.3#
80	6.0	7.7	11.5#

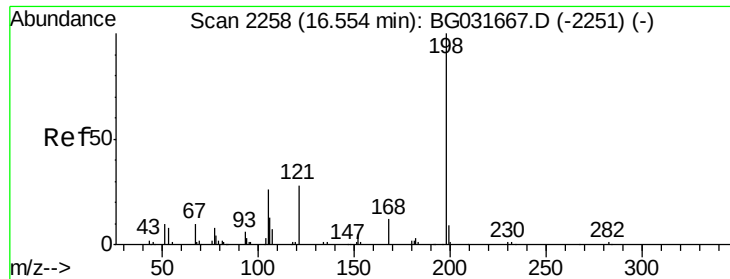


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

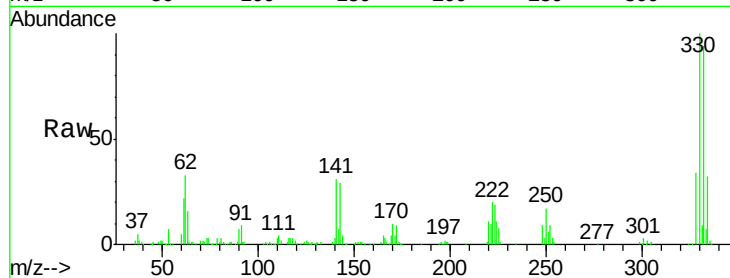




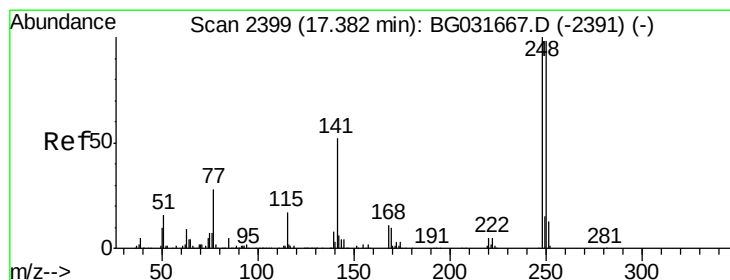
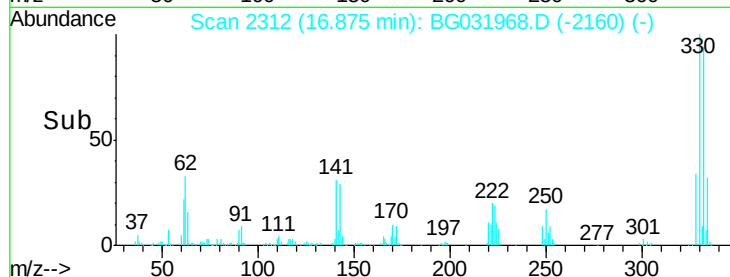
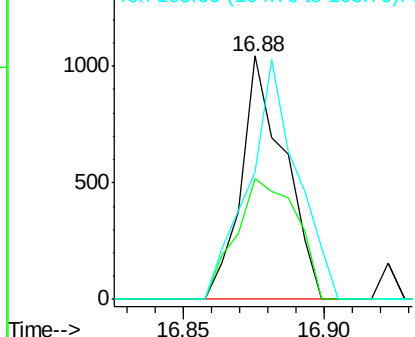
#64
4,6-Dinitro-2-methylphenol
Concen: 8.721 ng
RT: 16.88 min Scan# 2312
Delta R.T. 0.36 min
Lab File: BG031968.D
Acq: 10 Jan 2018 5:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:198 Resp: 1108
Ion Ratio Lower Upper
198 100
51 49.6 30.6 70.6
105 52.0 23.8 63.8

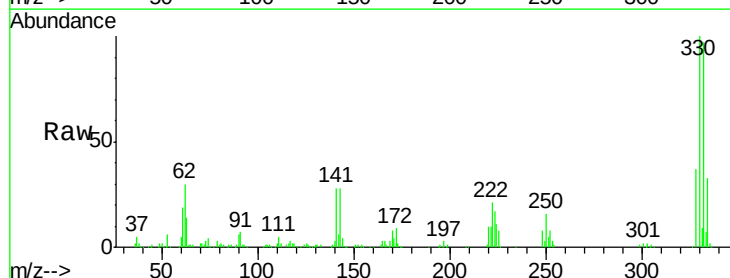


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGC
Ion 105.00 (104.70 to 105.70): E

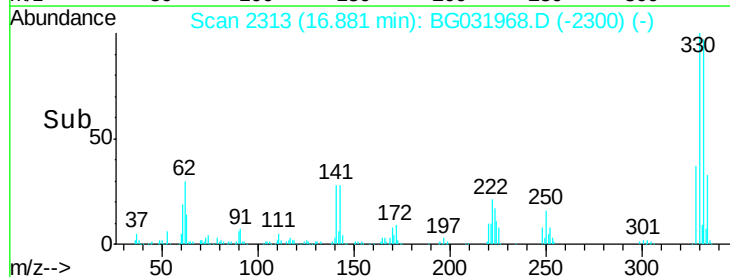
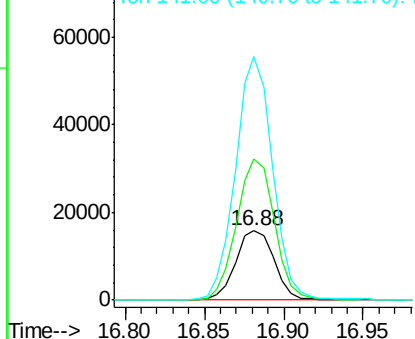


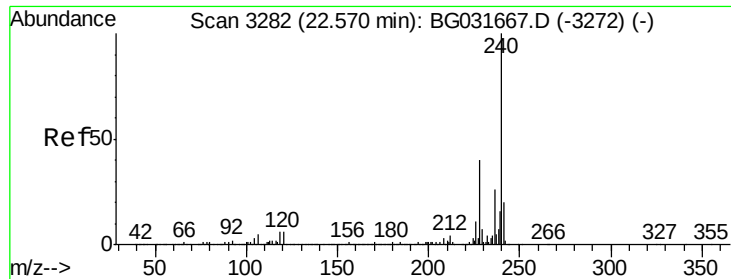
#66
4-Bromophenyl-phenylether
Concen: 4.054 ng
RT: 16.88 min Scan# 2313
Delta R.T. -0.46 min
Lab File: BG031968.D
Acq: 10 Jan 2018 5:49

Tgt Ion:248 Resp: 26586
Ion Ratio Lower Upper
248 100
250 203.6 77.1 115.7#
141 352.4 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

Chrysene-d12

Concen: 20.000 ng

RT: 22.48 min Scan# 3266

Delta R.T. -0.04 min

Lab File: BG031968.D

Acq: 10 Jan 2018 5:49

Instrument :

BNA_G

ClientSampleId :

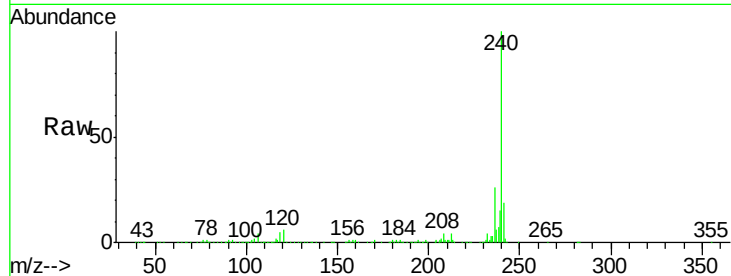
Tot Ion:240 Resp: 504573

Ion Ratio Lower Upper

240 100

120 5.7 6.8 10.2#

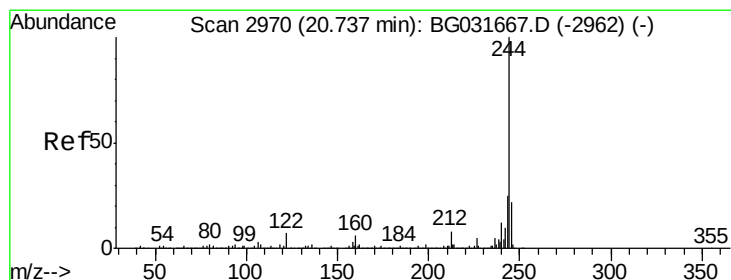
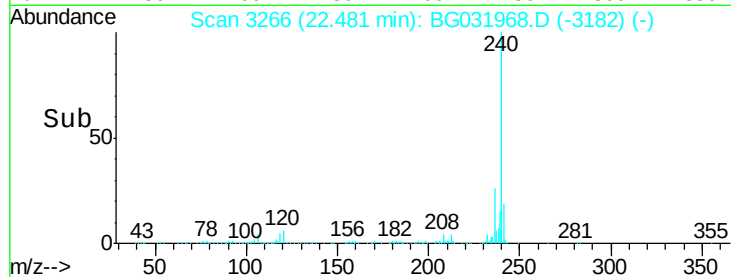
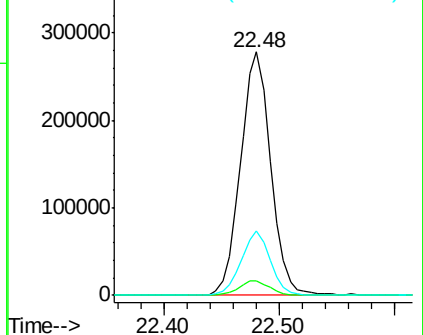
236 26.4 20.9 31.3



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: 82.345 ng

RT: 20.68 min Scan# 2959

Delta R.T. -0.02 min

Lab File: BG031968.D

Acq: 10 Jan 2018 5:49

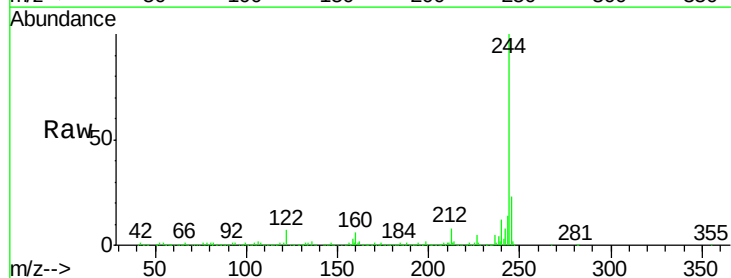
Tgt Ion:244 Resp: 1818624

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

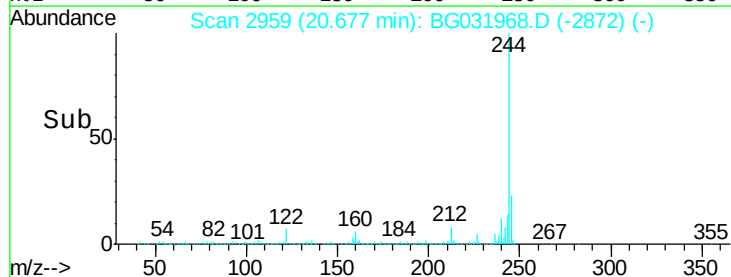
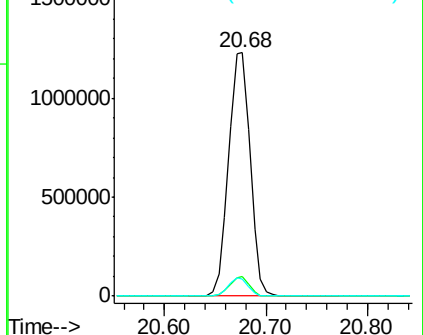
122 6.9 7.0 10.4#

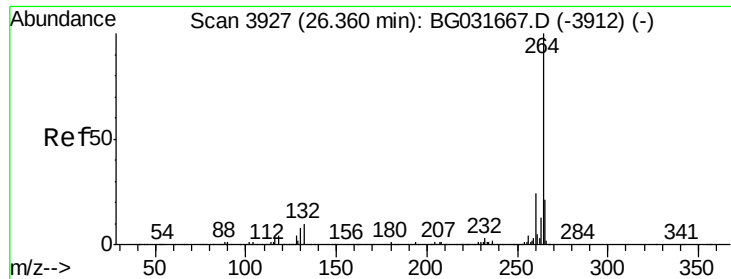


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.21 min Scan# 3900
Delta R.T. -0.09 min
Lab File: BG031968.D
Acq: 10 Jan 2018 5:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.4	26.0
265	22.2	17.7	26.5

