

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021318\
 Data File : BG032671.D
 Acq On : 13 Feb 2018 21:43
 Operator : SJ/JU
 Sample : PB106456BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 14 03:09:24 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 12 18:08:01 2018
 Response via : Initial Calibration

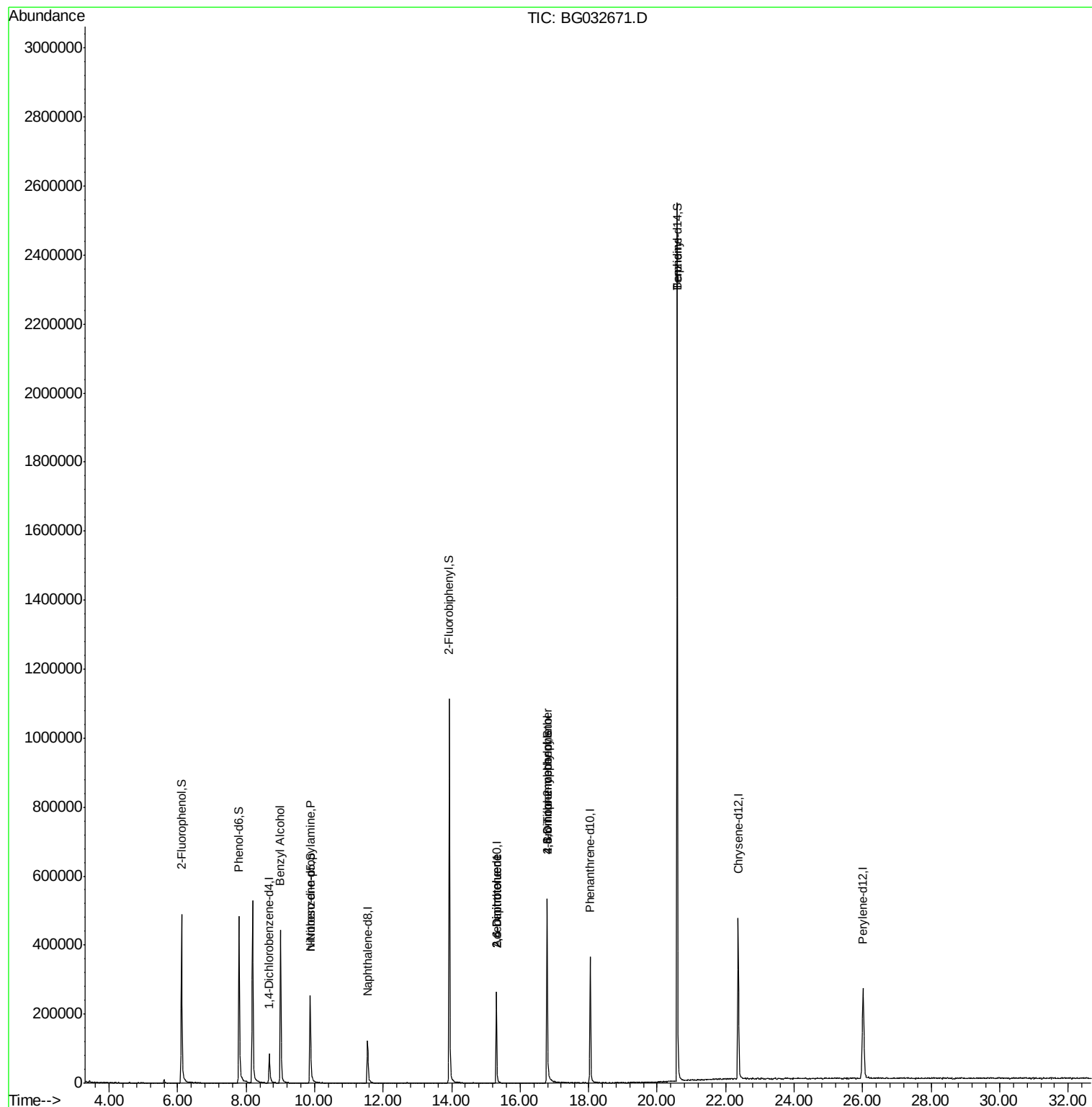
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.68	152	35362	20.00	ng	0.00
21) Naphthalene-d8	11.55	136	138911	20.00	ng	0.00
38) Acenaphthene-d10	15.31	164	104732	20.00	ng	0.00
63) Phenanthrene-d10	18.04	188	288839	20.00	ng	0.00
75) Chrysene-d12	22.37	240	371159	20.00	ng	0.00
86) Perylene-d12	26.01	264	382372	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.11	112	259804	147.41	ng	0.00
7) Phenol-d6	7.79	99	316761	131.43	ng	0.00
23) Nitrobenzene-d5	9.87	82	193173	88.38	ng	0.00
41) 2,4,6-Tribromophenol	16.79	330	125523	77.84	ng	0.00
44) 2-Fluorobiphenyl	13.93	172	711644	84.97	ng	0.00
78) Terphenyl-d14	20.59	244	1461636	89.76	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.00	79	4080	2.26	ng	# 41
19) n-Nitroso-di-n-propylamine	9.87	70	28574	17.64	ng	# 75
50) 2,6-Dinitrotoluene	15.31	165	13703	7.35	ng	# 18
56) 2,4-Dinitrotoluene	15.31	165	13703	5.33	ng	# 16
64) 4,6-Dinitro-2-methylphenol	16.78	198	415	5.20	ng	# 57
66) 4-Bromophenyl-phenylether	16.79	248	11702	2.83	ng	# 1
76) Benizidine	20.59	184	21313	2.44	ng	# 94

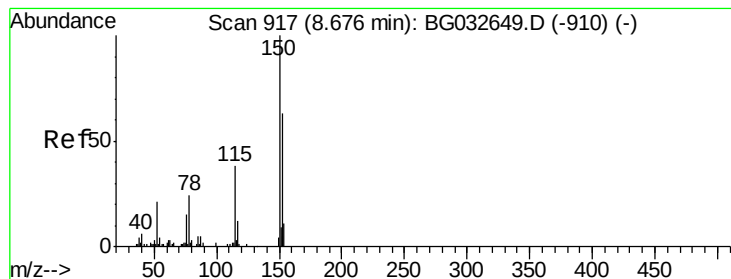
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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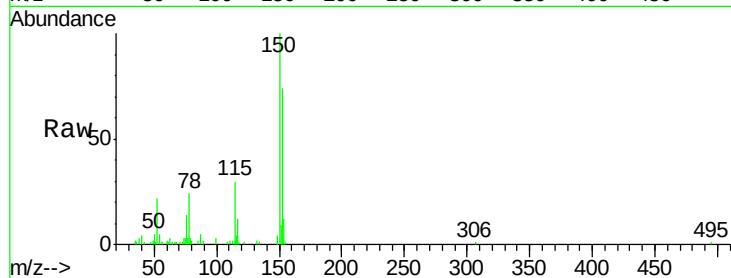




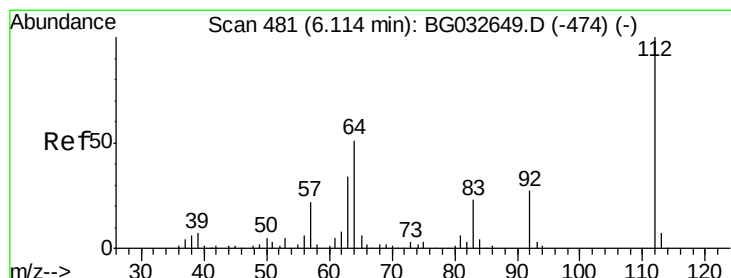
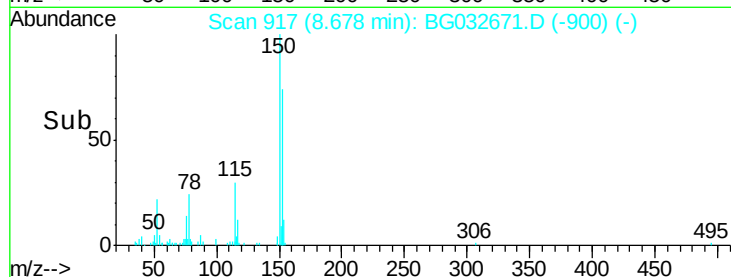
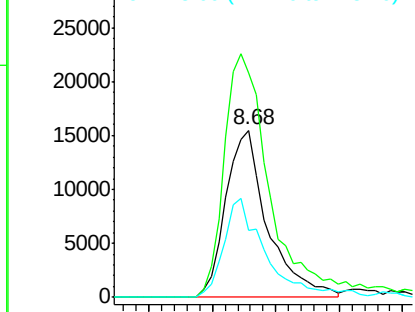
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.68 min Scan# 917
 Delta R.T. 0.00 min
 Lab File: BG032671.D
 Acq: 13 Feb 2018 21:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 35362
 Ion Ratio Lower Upper
 152 100
 150 134.4 126.6 189.8
 115 40.1 53.0 79.4#

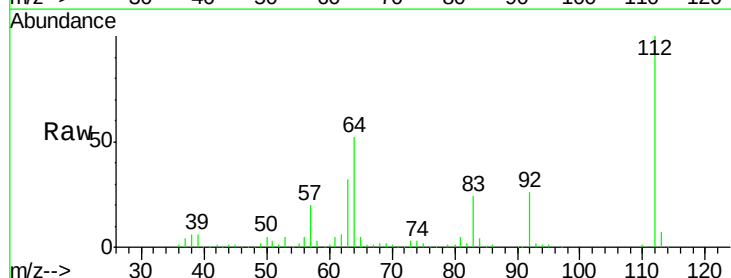


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

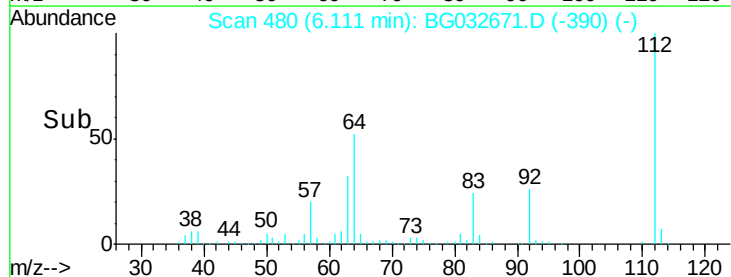
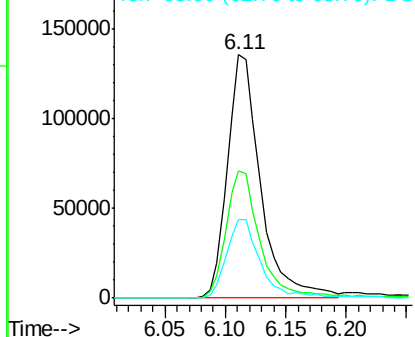


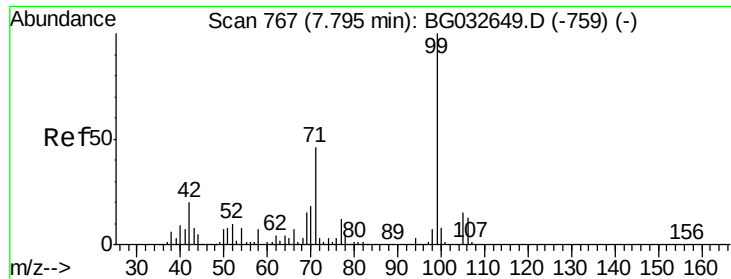
#5
 2-Fluorophenol
 Concen: 147.41 ng
 RT: 6.11 min Scan# 480
 Delta R.T. -0.00 min
 Lab File: BG032671.D
 Acq: 13 Feb 2018 21:43

Tgt Ion:112 Resp: 259804
 Ion Ratio Lower Upper
 112 100
 64 52.1 56.3 84.5#
 63 32.1 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: 131.43 ng

RT: 7.79 min Scan# 766

Delta R.T. -0.00 min

Lab File: BG032671.D

Acq: 13 Feb 2018 21:43

Instrument :

BNA_G

ClientSampleId :

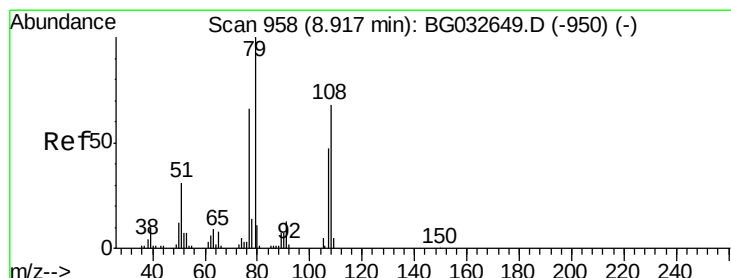
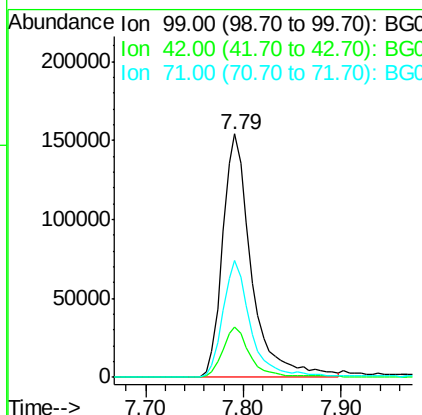
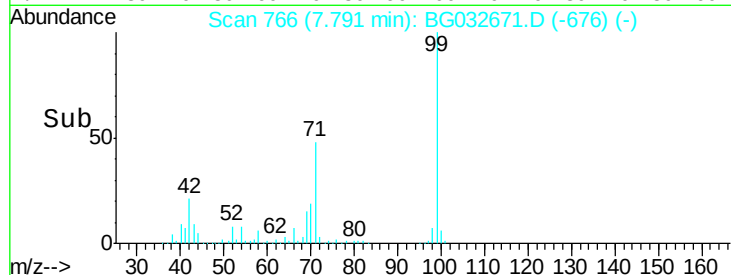
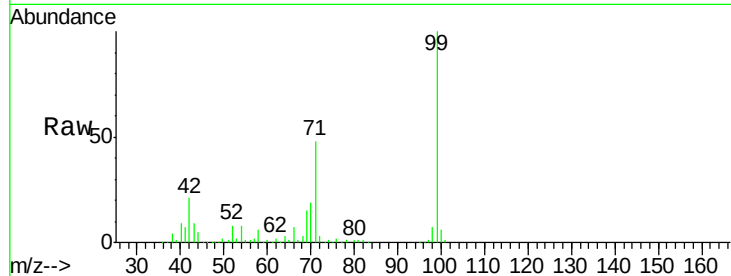
Tot Ion: 99 Resp: 316761

Ion Ratio Lower Upper

99 100

42 20.9 14.1 21.1

71 47.8 26.1 39.1#



#15

Benzyl Alcohol

Concen: 2.26 ng

RT: 9.00 min Scan# 972

Delta R.T. 0.08 min

Lab File: BG032671.D

Acq: 13 Feb 2018 21:43

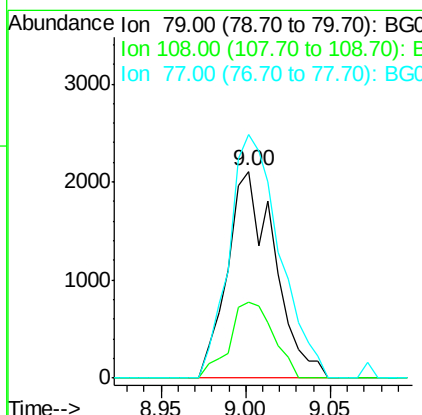
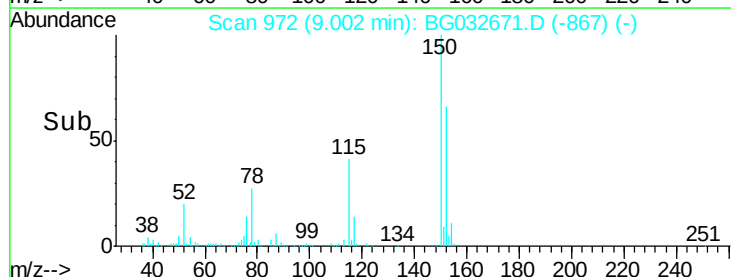
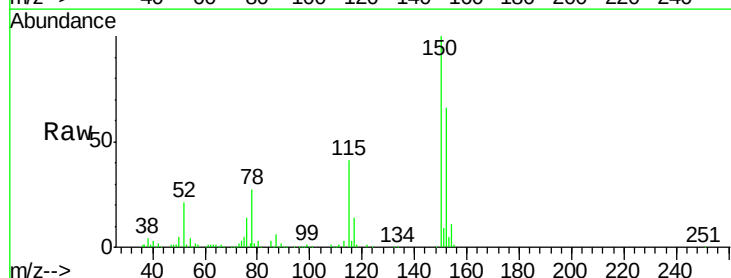
Tgt Ion: 79 Resp: 4080

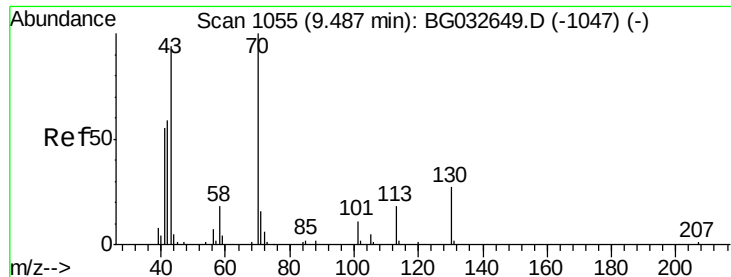
Ion Ratio Lower Upper

79 100

108 36.7 57.2 85.8#

77 117.6 46.1 69.1#

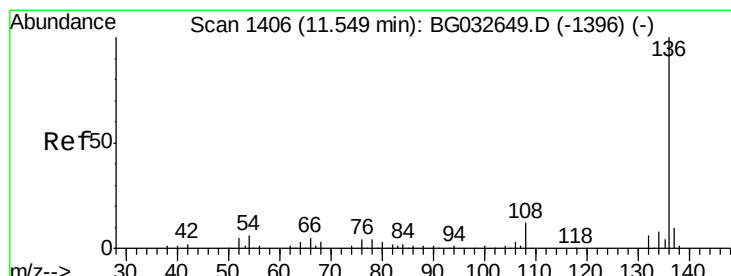
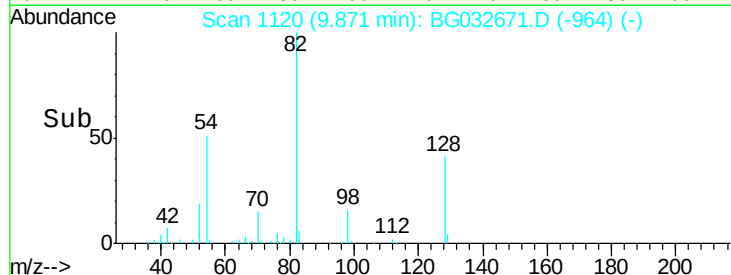
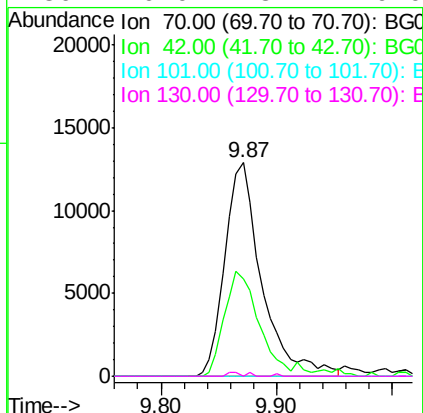
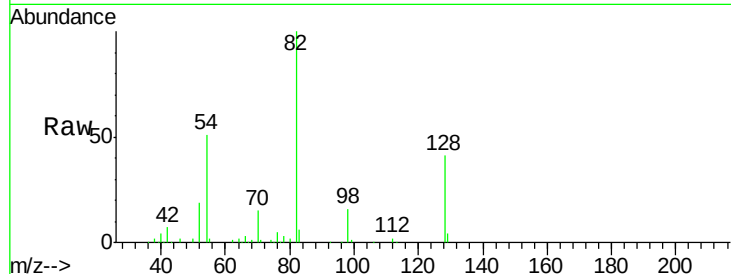




#19
n-Nitroso-di-n-propylamine
Concen: 17.64 ng
RT: 9.87 min Scan# 1120
Delta R.T. 0.38 min
Lab File: BG032671.D
Acq: 13 Feb 2018 21:43

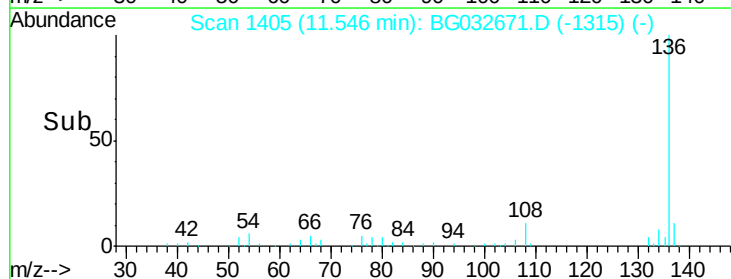
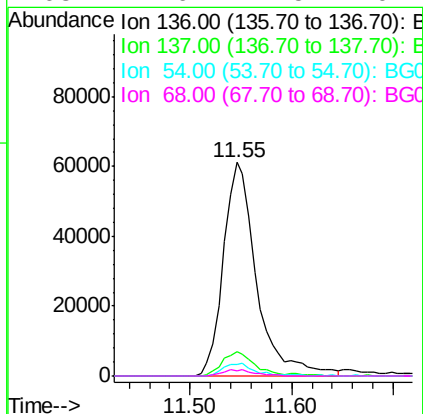
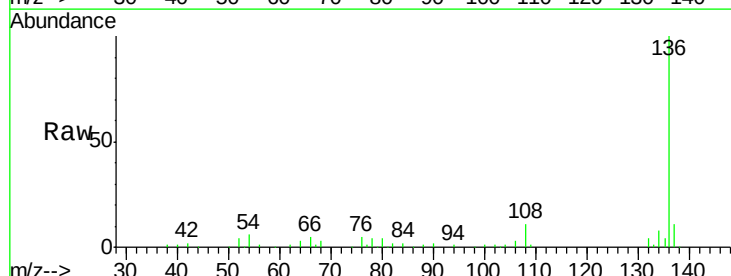
Instrument :
BNA_G
ClientSampleId :

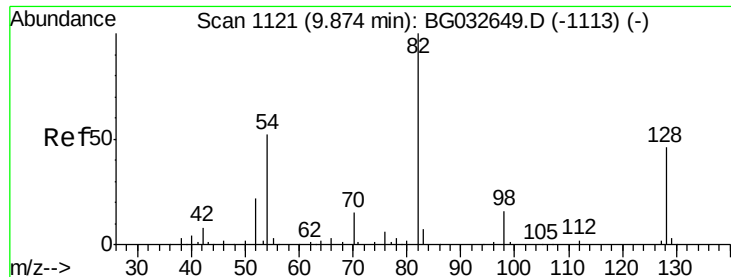
Tot Ion: 70 Resp: 28574
Ion Ratio Lower Upper
70 100
42 45.3 49.1 73.7#
101 0.0 8.5 12.7#
130 0.0 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.55 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BG032671.D
Acq: 13 Feb 2018 21:43

Tgt Ion: 136 Resp: 138911
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 5.7 10.3 15.5#
68 2.6 4.5 6.7#

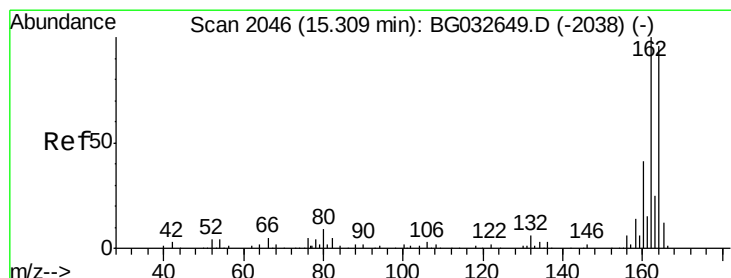
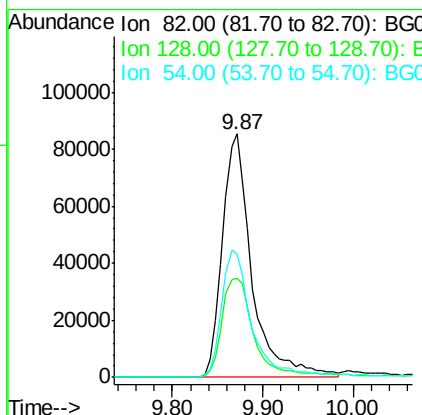
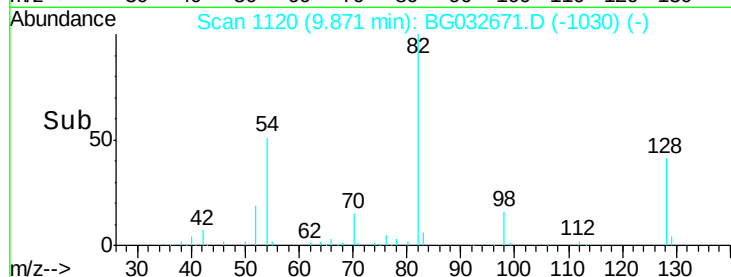
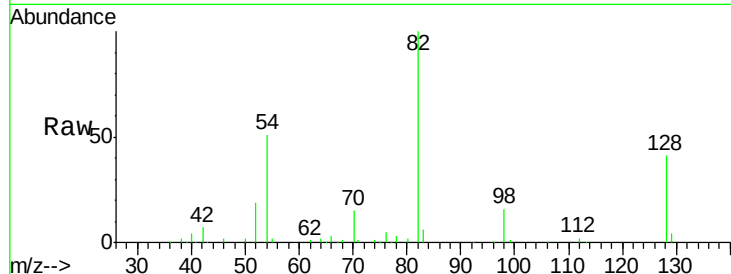




#23
Nitrobenzene-d5
Concen: 88.38 ng
RT: 9.87 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BG032671.D
Acq: 13 Feb 2018 21:43

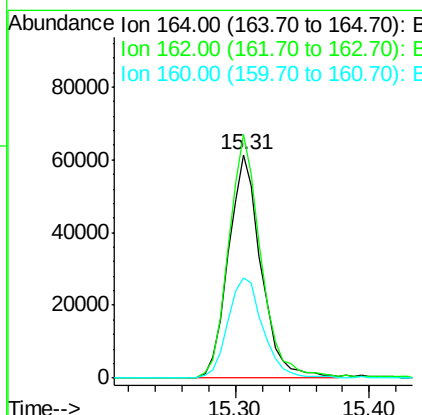
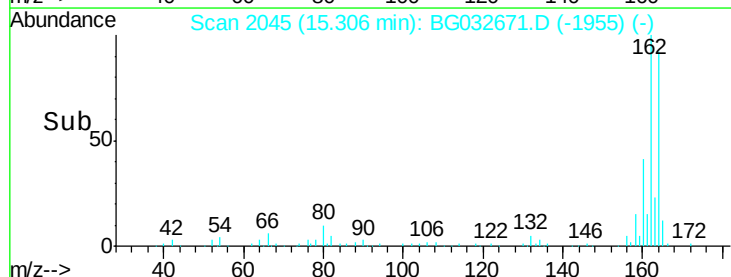
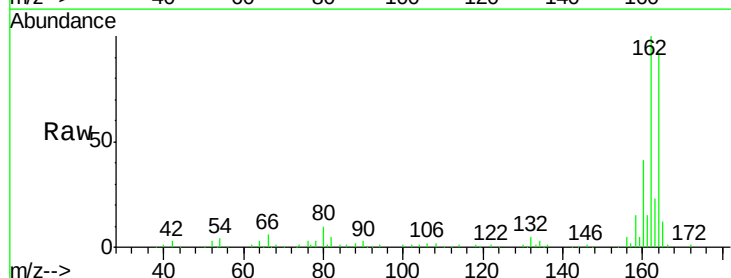
Instrument :
BNA_G
ClientSampleId :

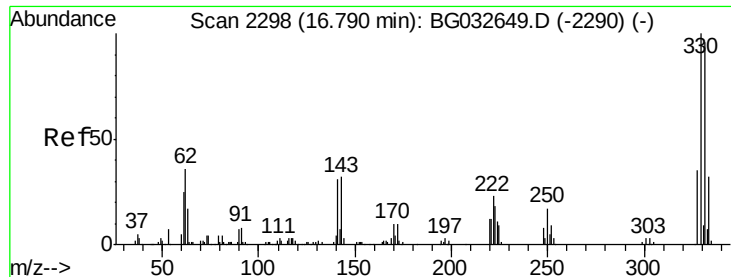
Tot Ion: 82 Resp: 193173
Ion Ratio Lower Upper
82 100
128 40.7 29.7 44.5
54 50.6 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.31 min Scan# 2045
Delta R.T. -0.00 min
Lab File: BG032671.D
Acq: 13 Feb 2018 21:43

Tgt Ion:164 Resp: 104732
Ion Ratio Lower Upper
164 100
162 108.9 78.8 118.2
160 45.0 35.4 53.0





#41

2,4,6-Tribromophenol

Concen: 77.84 ng

RT: 16.79 min Scan# 2297

Delta R.T. -0.00 min

Lab File: BG032671.D

Acq: 13 Feb 2018 21:43

Instrument :

BNA_G

ClientSampled :

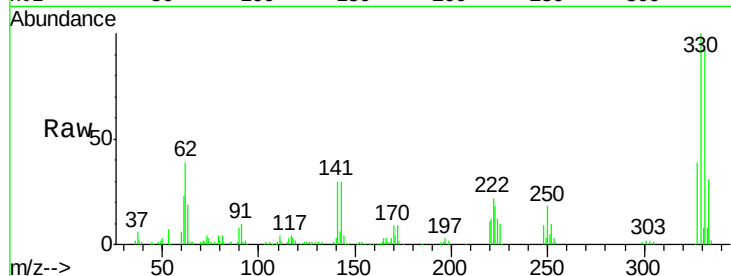
Tot Ion:330 Resp: 125523

Ion Ratio Lower Upper

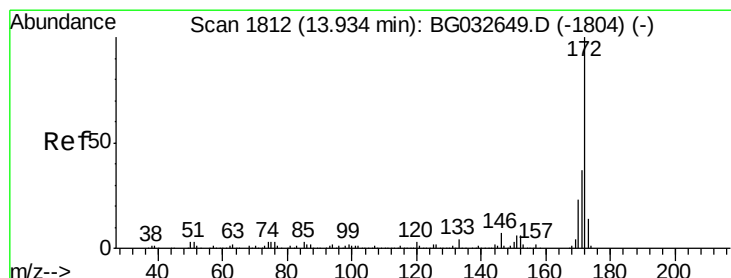
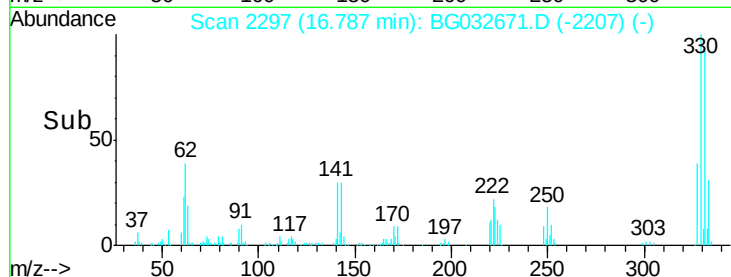
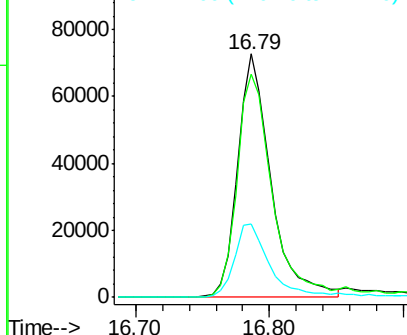
330 100

332 96.3 77.0 115.6

141 32.5 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: 84.97 ng

RT: 13.93 min Scan# 1811

Delta R.T. -0.00 min

Lab File: BG032671.D

Acq: 13 Feb 2018 21:43

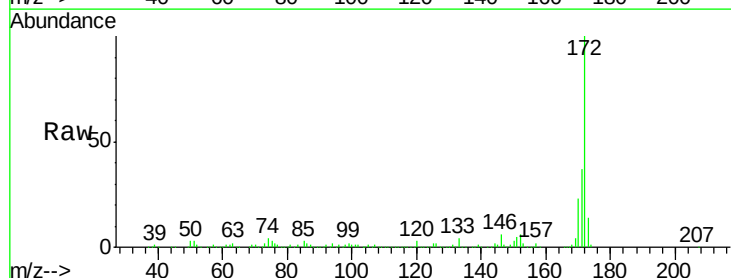
Tgt Ion:172 Resp: 711644

Ion Ratio Lower Upper

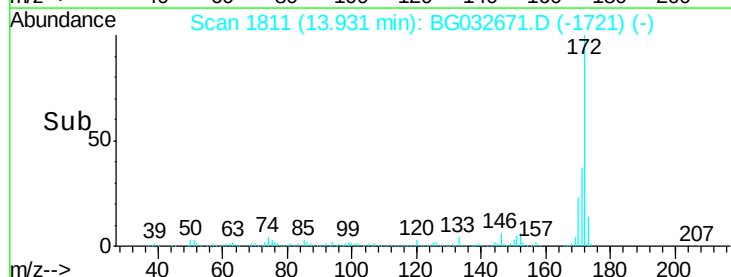
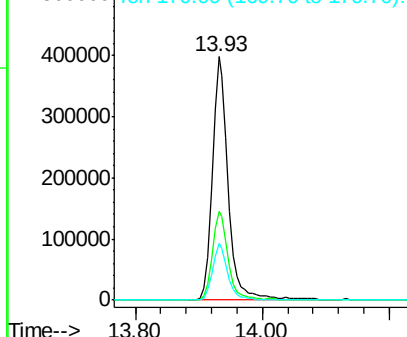
172 100

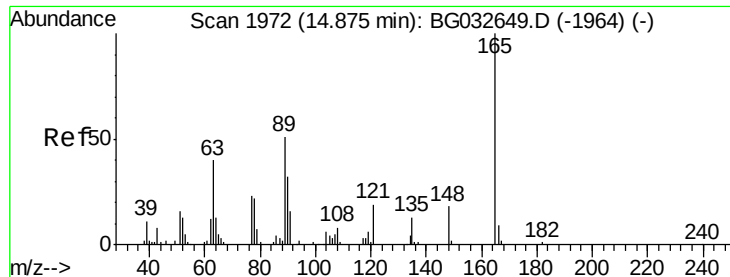
171 36.6 30.0 45.0

170 23.4 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

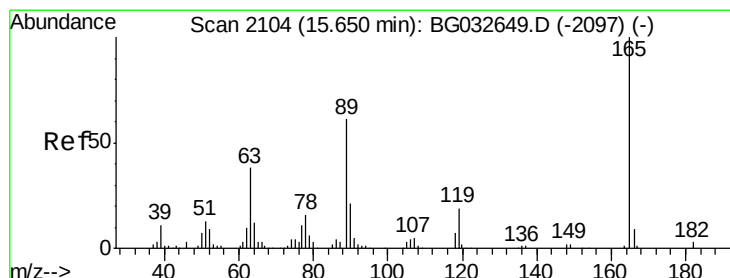
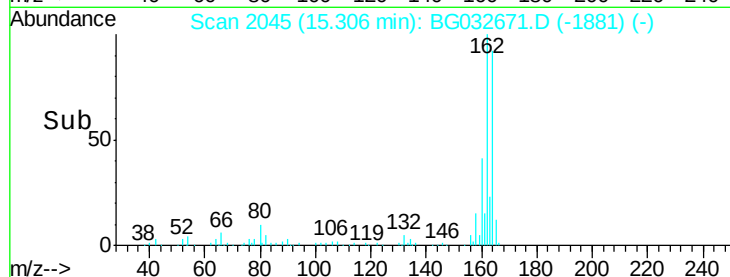
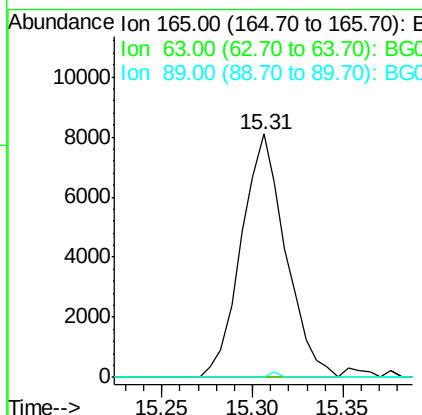
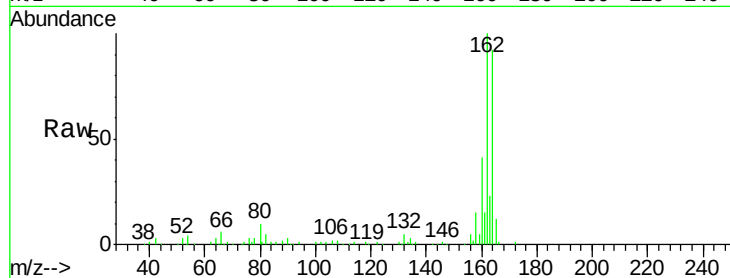




#50
 2,6-Dinitrotoluene
 Concen: 7.35 ng
 RT: 15.31 min Scan# 2045
 Delta R.T. 0.43 min
 Lab File: BG032671.D
 Acq: 13 Feb 2018 21:43

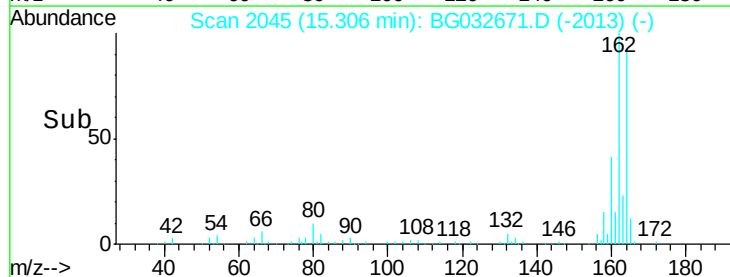
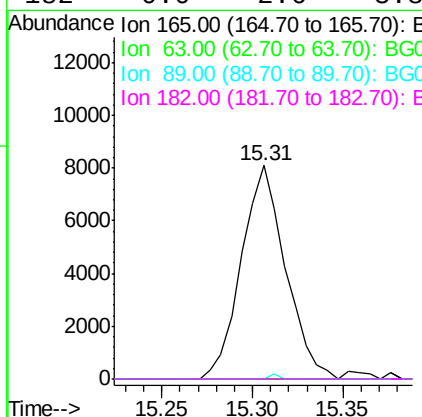
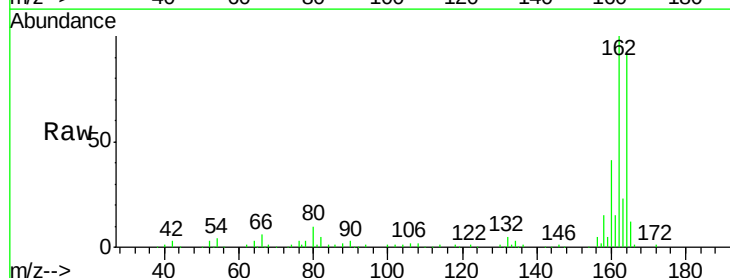
Instrument :
 BNA_G
 ClientSampleId :

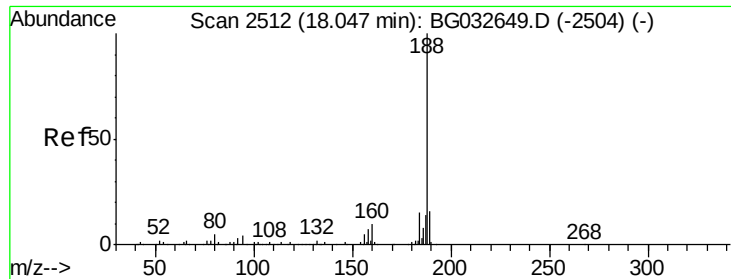
Tot Ion:165 Resp: 13703
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#



#56
 2,4-Dinitrotoluene
 Concen: 5.33 ng
 RT: 15.31 min Scan# 2045
 Delta R.T. -0.34 min
 Lab File: BG032671.D
 Acq: 13 Feb 2018 21:43

Tgt Ion:165 Resp: 13703
 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#

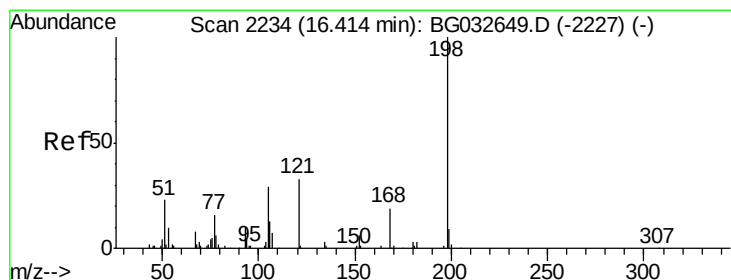
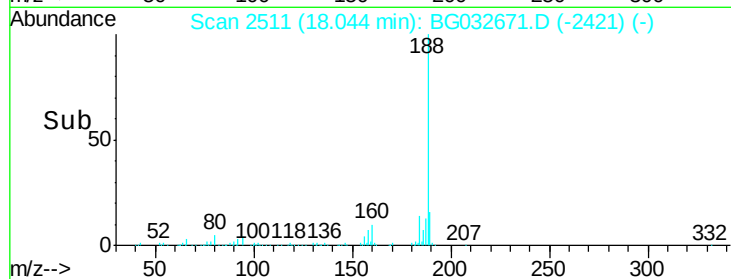
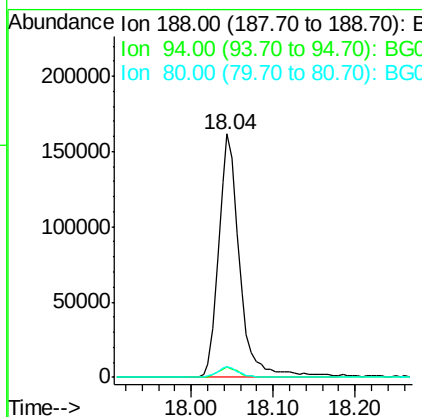
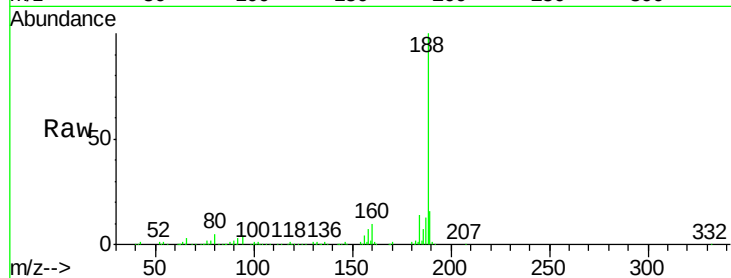




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.04 min Scan# 2511
Delta R.T. -0.00 min
Lab File: BG032671.D
Acq: 13 Feb 2018 21:43

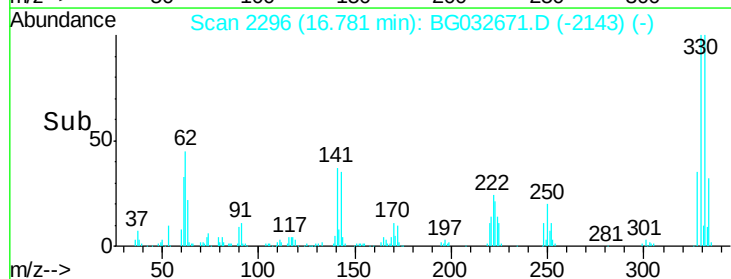
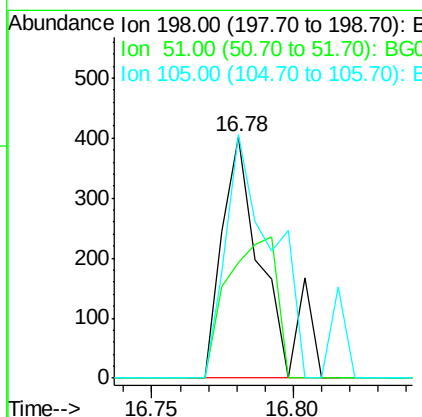
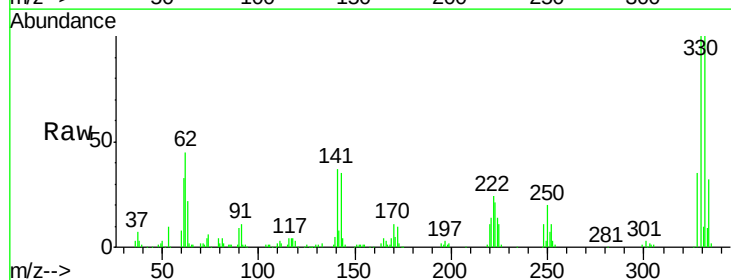
Instrument :
BNA_G
ClientSampleId :

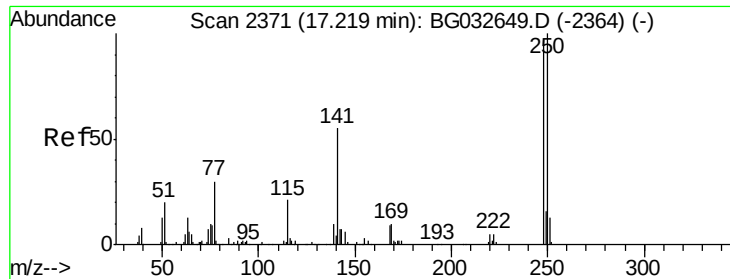
Tot Ion:188 Resp: 288839
Ion Ratio Lower Upper
188 100
94 4.2 6.9 10.3#
80 4.6 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 5.20 ng
RT: 16.78 min Scan# 2296
Delta R.T. 0.37 min
Lab File: BG032671.D
Acq: 13 Feb 2018 21:43

Tgt Ion:198 Resp: 415
Ion Ratio Lower Upper
198 100
51 47.8 30.6 70.6
105 101.0 23.8 63.8#

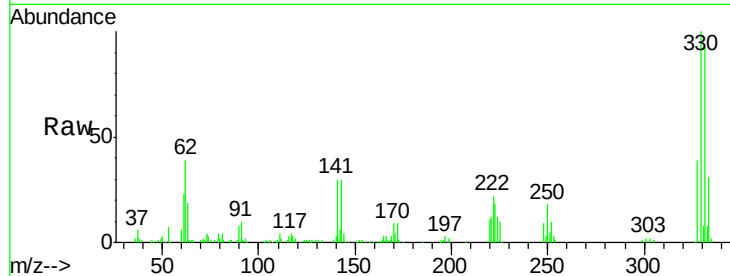




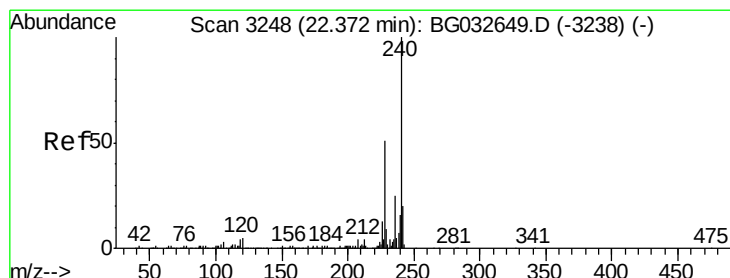
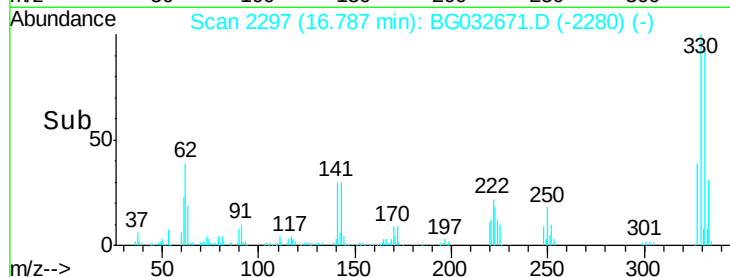
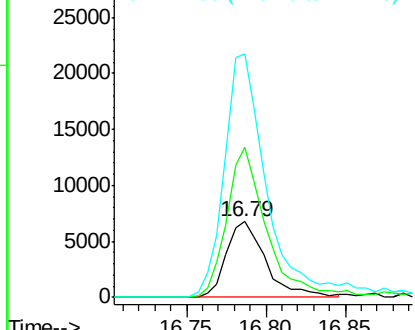
#66
 4-Bromophenyl-phenylether
 Concen: 2.83 ng
 RT: 16.79 min Scan# 2297
 Delta R.T. -0.43 min
 Lab File: BG032671.D
 Acq: 13 Feb 2018 21:43

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 11702
 Ion Ratio Lower Upper
 248 100
 250 198.6 77.1 115.7#
 141 322.2 50.8 76.2#

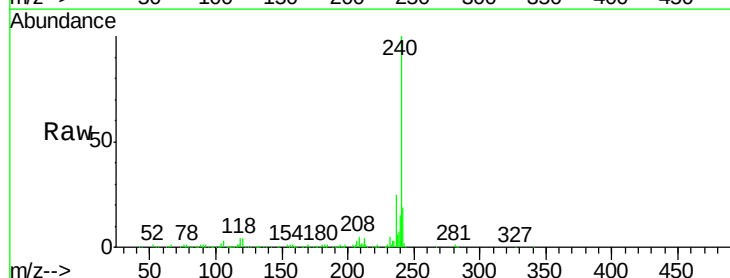


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

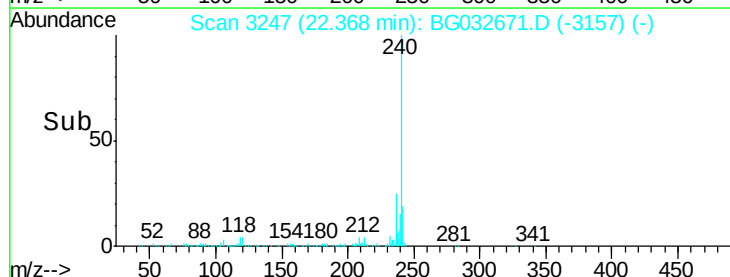
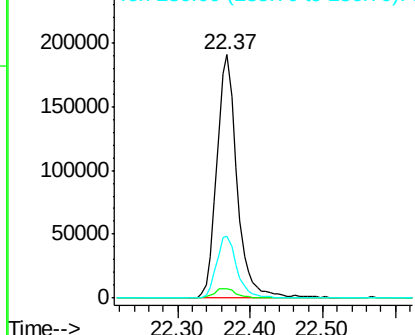


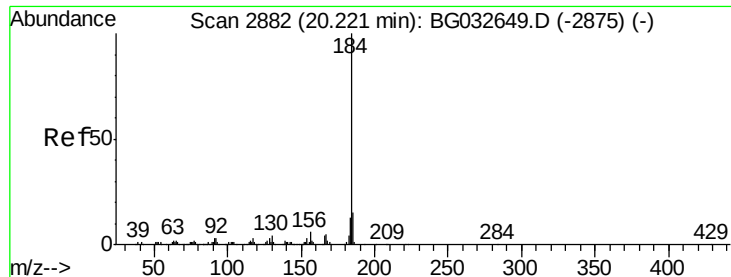
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 22.37 min Scan# 3247
 Delta R.T. -0.00 min
 Lab File: BG032671.D
 Acq: 13 Feb 2018 21:43

Tgt Ion:240 Resp: 371159
 Ion Ratio Lower Upper
 240 100
 120 3.7 6.8 10.2#
 236 25.3 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





#76

Benzidine

Concen: 2.44 ng

RT: 20.59 min Scan# 2944

Delta R.T. 0.37 min

Lab File: BG032671.D

Acq: 13 Feb 2018 21:43

Instrument :

BNA_G

ClientSampleId :

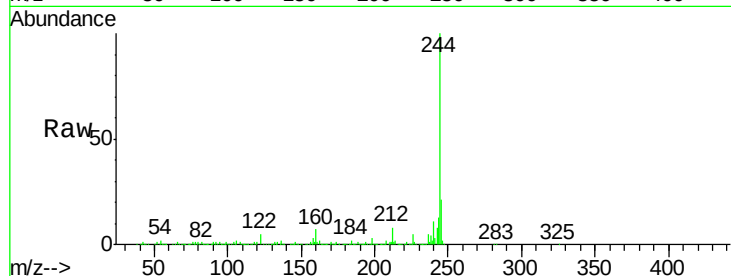
Tot Ion:184 Resp: 21313

Ion Ratio Lower Upper

184 100

185 15.3 11.1 16.7

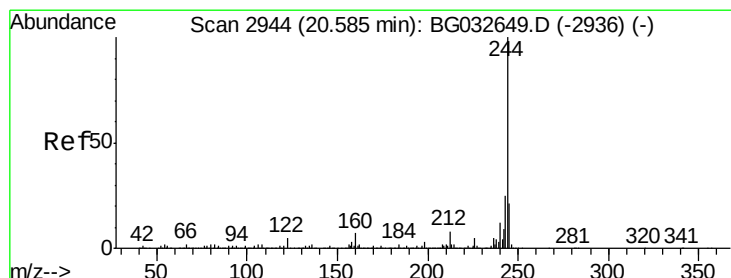
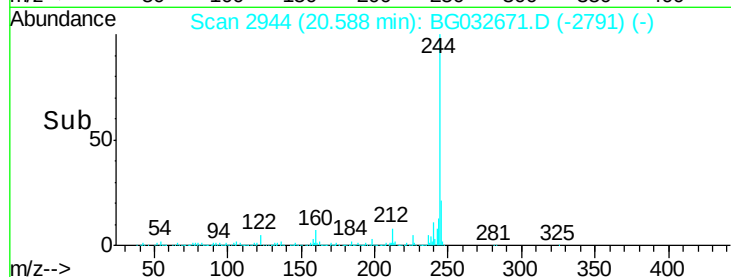
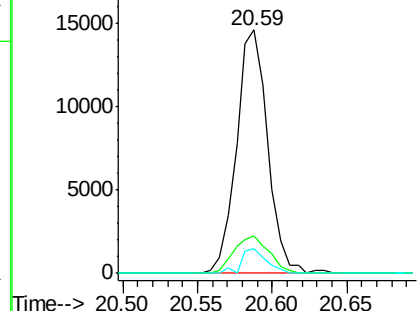
183 10.0 10.6 16.0#



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: 89.76 ng

RT: 20.59 min Scan# 2944

Delta R.T. 0.00 min

Lab File: BG032671.D

Acq: 13 Feb 2018 21:43

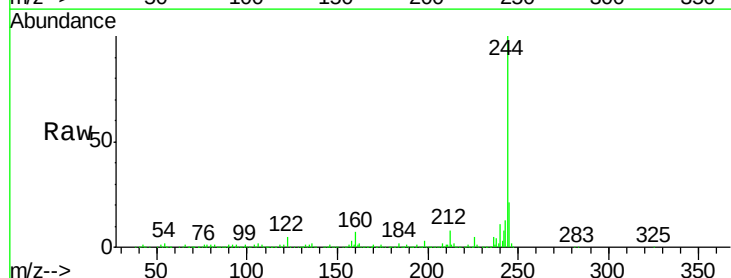
Tgt Ion:244 Resp: 1461636

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

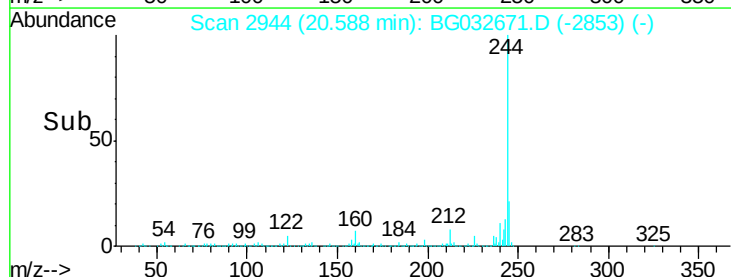
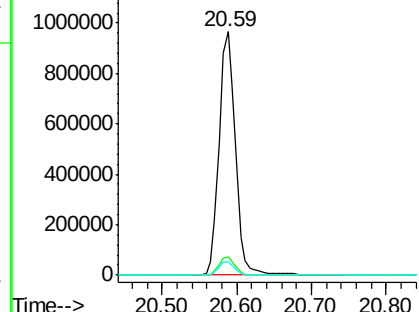
122 5.4 7.0 10.4#

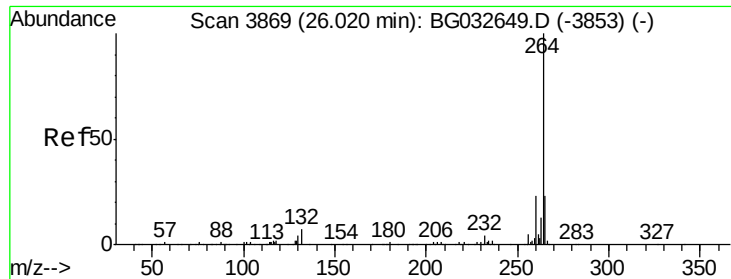


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

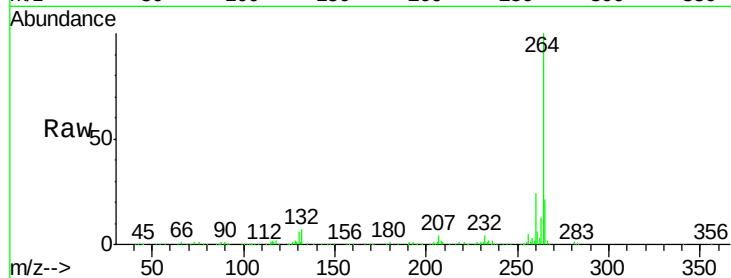




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 26.01 min Scan# 3867
 Delta R.T. -0.01 min
 Lab File: BG032671.D
 Acq: 13 Feb 2018 21:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	264	Resp:	382372
Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	20.8	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

