

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122117\
 Data File : BG031699.D
 Acq On : 22 Dec 2017 7:23
 Operator : SJ/JU
 Sample : I6993-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 22 08:38:53 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 03:38:35 2017
 Response via : Initial Calibration

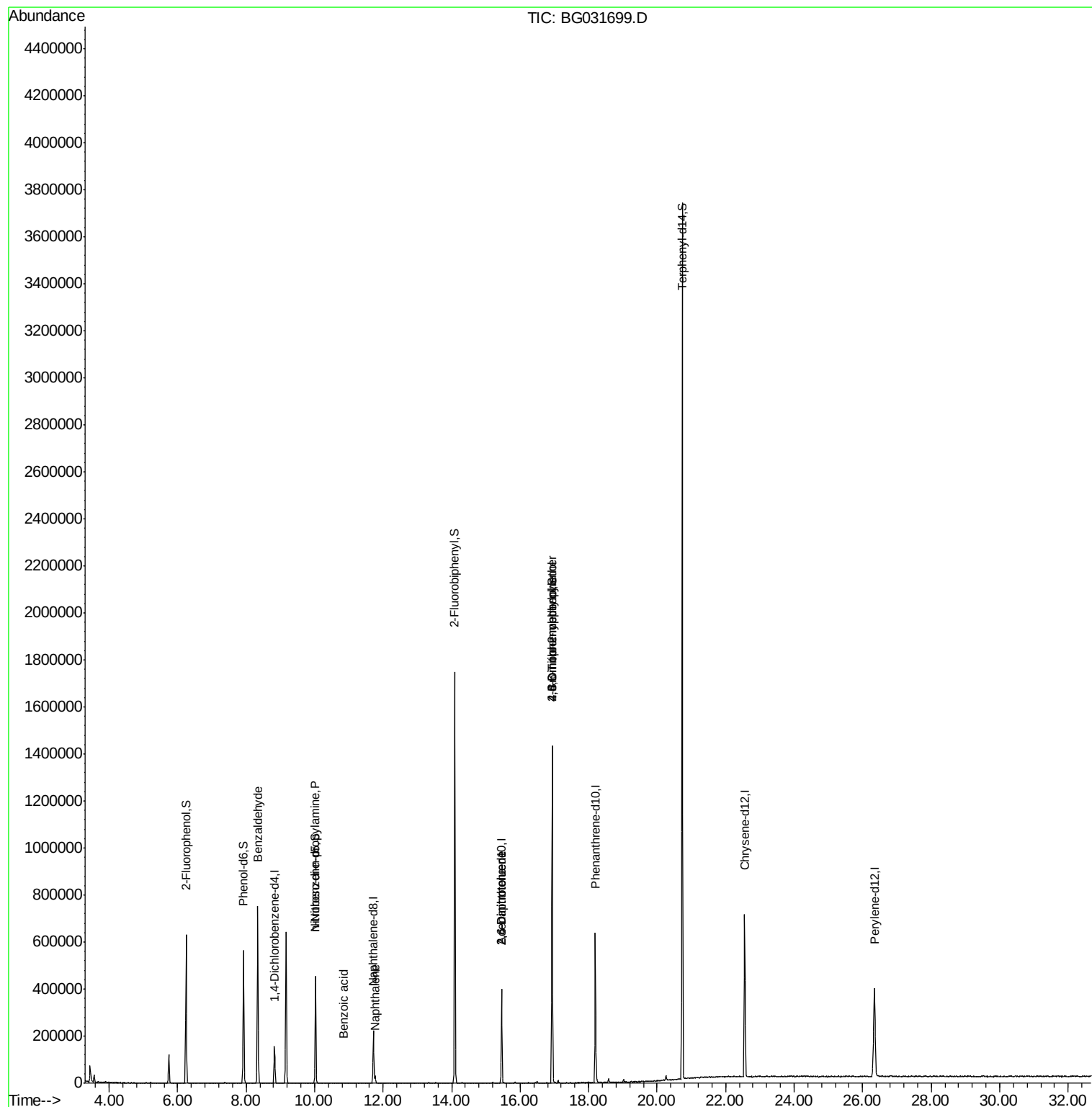
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.83	152	54641	20.00	ng	-0.01
21) Naphthalene-d8	11.72	136	221329	20.00	ng	0.00
38) Acenaphthene-d10	15.46	164	151304	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	422958	20.00	ng	0.00
75) Chrysene-d12	22.56	240	500966	20.00	ng	-0.01
86) Perylene-d12	26.34	264	529261	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.25	112	357399	119.13	ng	0.00
7) Phenol-d6	7.93	99	407067	104.51	ng	0.00
23) Nitrobenzene-d5	10.02	82	288111	98.30	ng	-0.01
41) 2,4,6-Tribromophenol	16.93	330	349321	151.31	ng	0.00
44) 2-Fluorobiphenyl	14.09	172	1057998	87.77	ng	0.00
78) Terphenyl-d14	20.73	244	2055600	93.75	ng	0.00
Target Compounds						
9) Benzaldehyde	8.34	77	8693	3.707	ng	97
19) n-Nitroso-di-n-propylamine	10.02	70	37556	14.119	ng	# 71
31) Naphthalene	11.77	128	31787	2.846	ng	98
32) Benzoic acid	10.85	122	65	6.719	ng	# 1
50) 2,6-Dinitrotoluene	15.46	165	19738	8.050	ng	# 19
56) 2,4-Dinitrotoluene	15.46	165	19738	6.260	ng	# 17
64) 4,6-Dinitro-2-methylphenol	16.93	198	840	8.643	ng	# 16
66) 4-Bromophenyl-phenylether	16.93	248	28209	4.612	ng	# 1

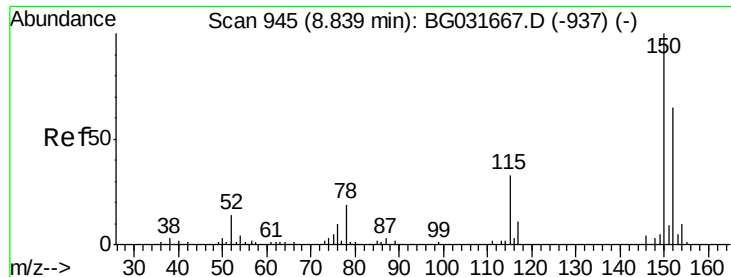
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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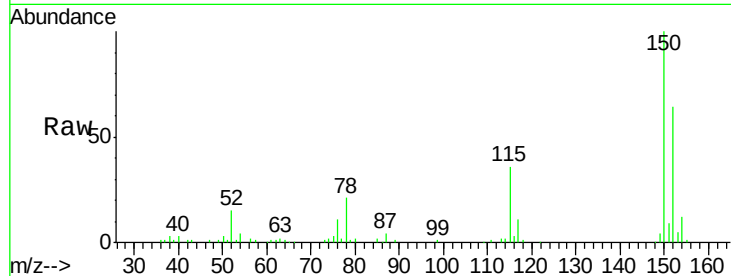


#1

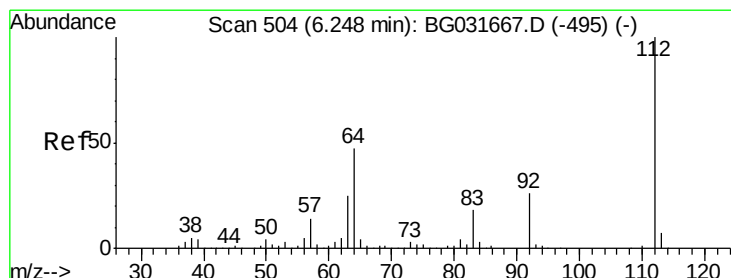
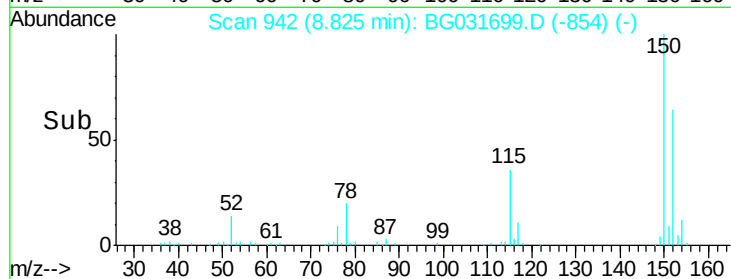
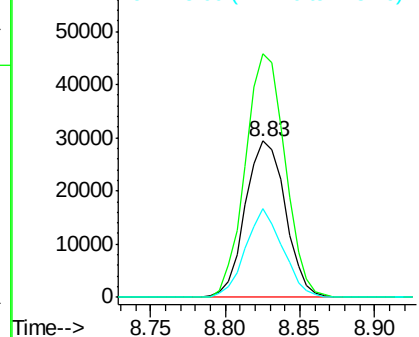
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.83 min Scan# 942
Delta R.T. -0.01 min
Lab File: BG031699.D
Acq: 22 Dec 2017 7:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 54641
Ion Ratio Lower Upper
152 100
150 155.6 126.6 189.8
115 56.3 53.0 79.4



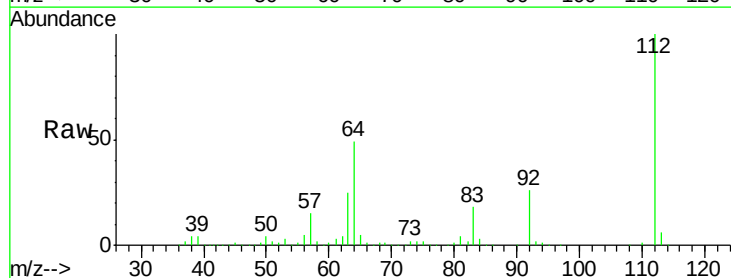
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



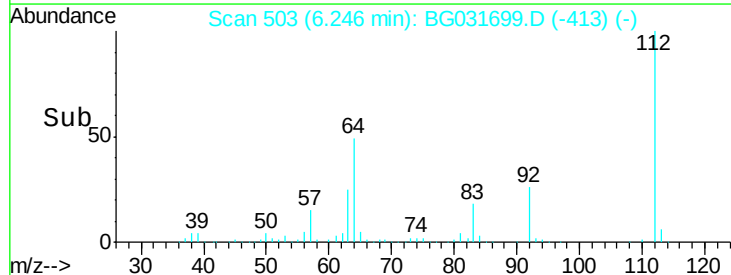
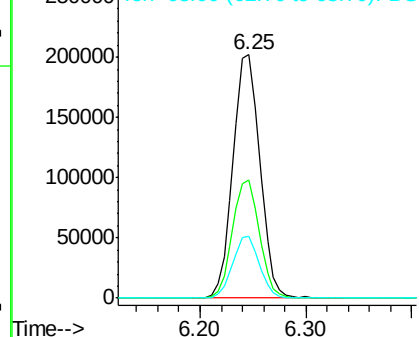
#5

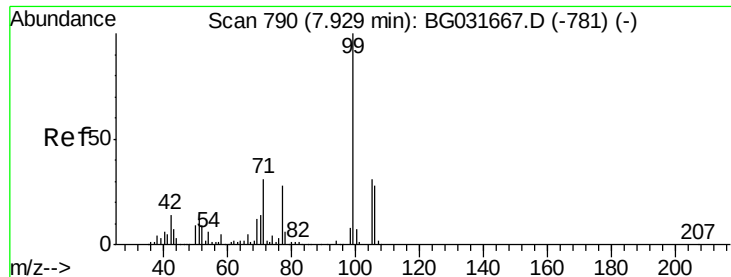
2-Fluorophenol
Concen: 119.134 ng
RT: 6.25 min Scan# 503
Delta R.T. -0.00 min
Lab File: BG031699.D
Acq: 22 Dec 2017 7:23

Tgt Ion:112 Resp: 357399
Ion Ratio Lower Upper
112 100
64 48.7 56.3 84.5#
63 25.4 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: 104.511 ng

RT: 7.93 min Scan# 789

Delta R.T. -0.00 min

Lab File: BG031699.D

Acq: 22 Dec 2017 7:23

Instrument :

BNA_G

ClientSampled :

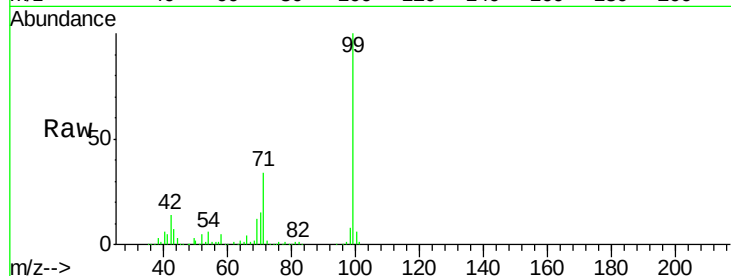
Tot Ion: 99 Resp: 407067

Ion Ratio Lower Upper

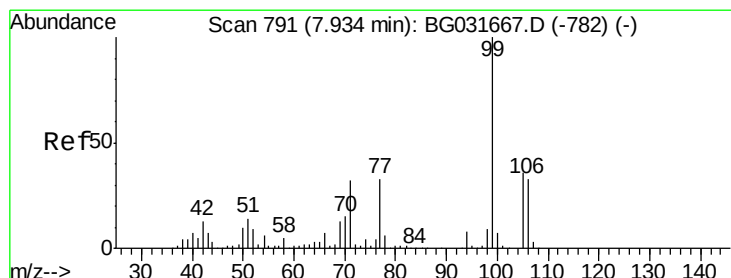
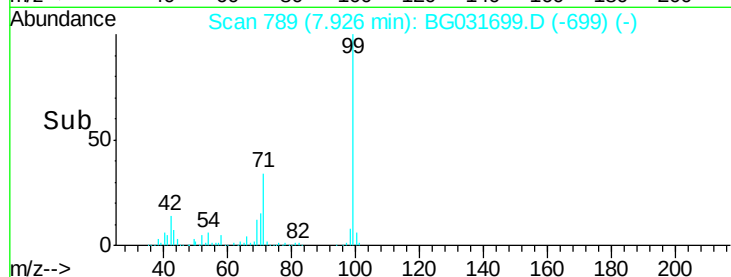
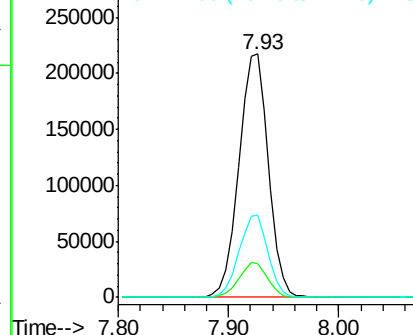
99 100

42 13.7 14.1 21.1#

71 34.1 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



#9

Benzaldehyde

Concen: 3.707 ng

RT: 8.34 min Scan# 859

Delta R.T. 0.40 min

Lab File: BG031699.D

Acq: 22 Dec 2017 7:23

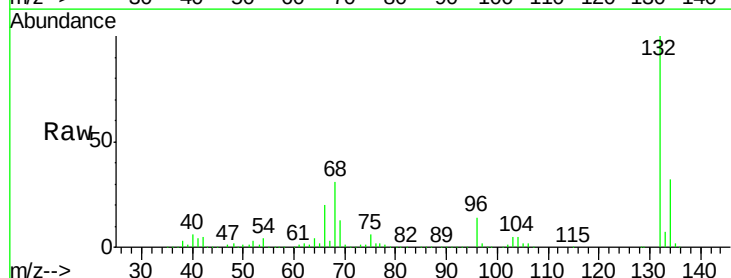
Tgt Ion: 77 Resp: 8693

Ion Ratio Lower Upper

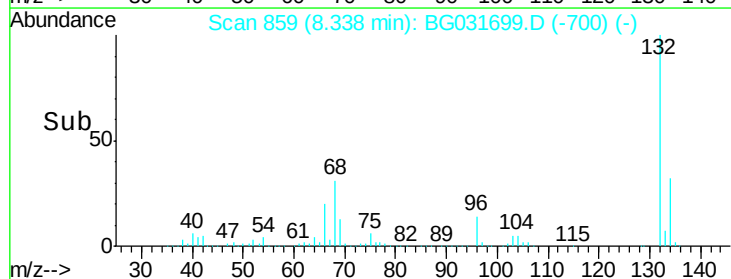
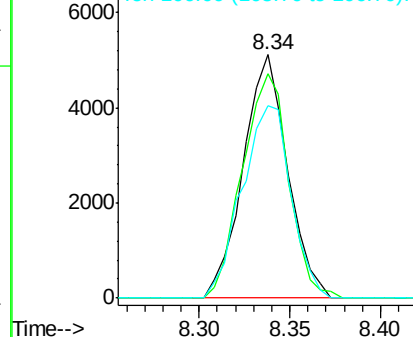
77 100

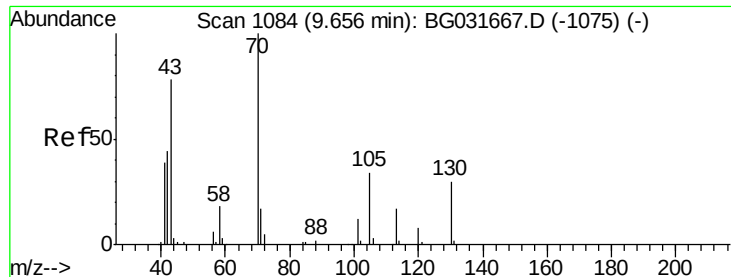
105 92.1 71.3 111.3

106 79.3 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

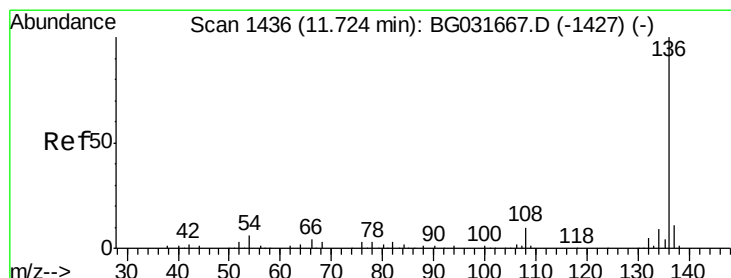
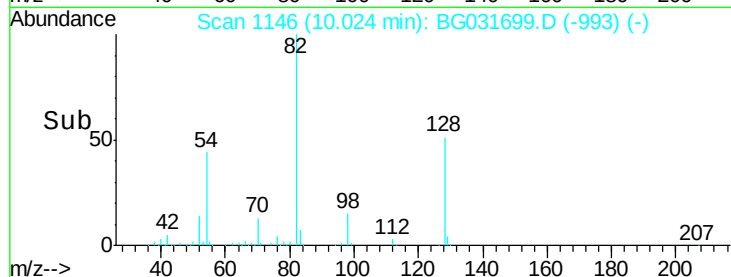
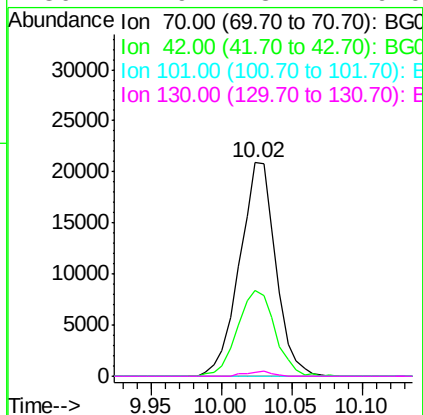
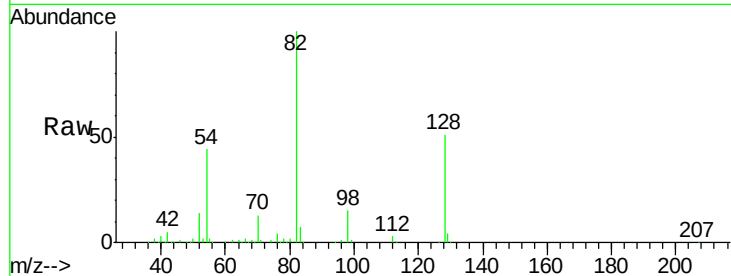




#19
n-Nitroso-di-n-propylamine
Concen: 14.119 ng
RT: 10.02 min Scan# 1146
Delta R.T. 0.37 min
Lab File: BG031699.D
Acq: 22 Dec 2017 7:23

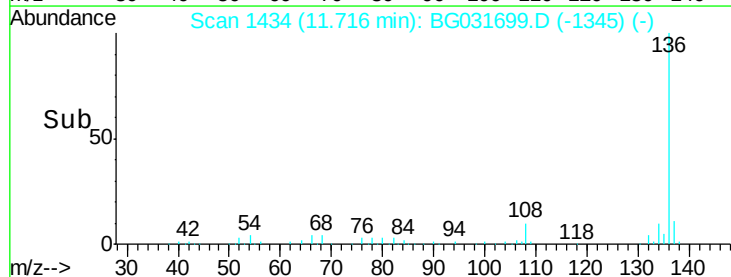
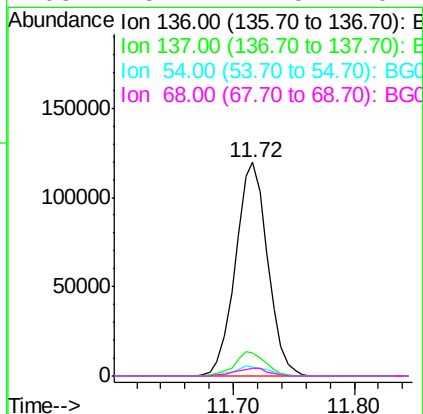
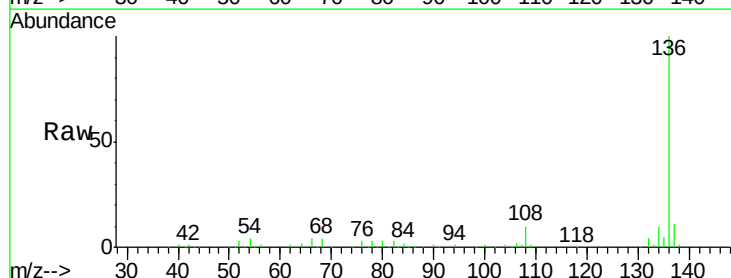
Instrument :
BNA_G
ClientSampleId :

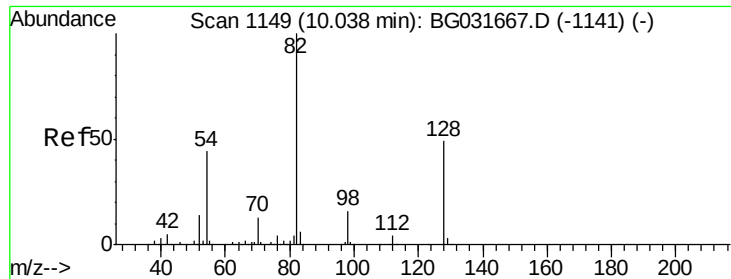
Tot Ion: 70 Resp: 37556
Ion Ratio Lower Upper
70 100
42 40.0 49.1 73.7#
101 0.0 8.5 12.7#
130 1.9 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.72 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BG031699.D
Acq: 22 Dec 2017 7:23

Tgt Ion: 136 Resp: 221329
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 4.3 10.3 15.5#
68 3.7 4.5 6.7#

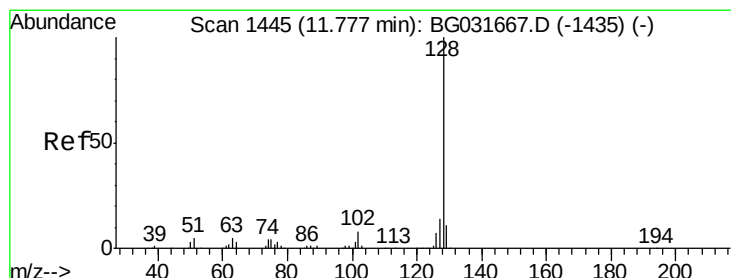
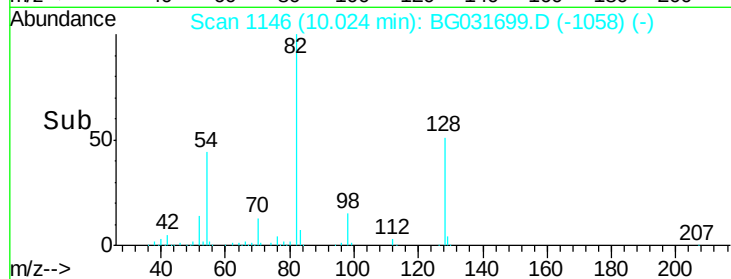
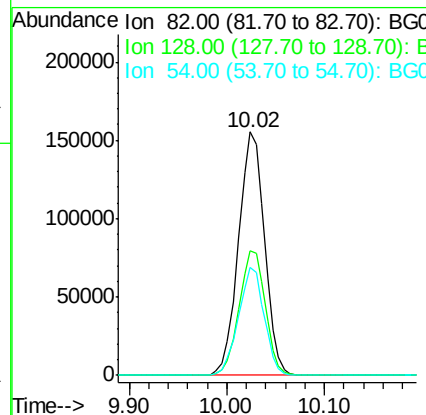
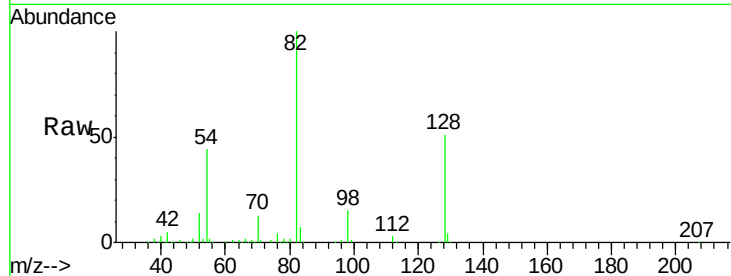




#23
 Nitrobenzene-d5
 Concen: 98.297 ng
 RT: 10.02 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BG031699.D
 Acq: 22 Dec 2017 7:23

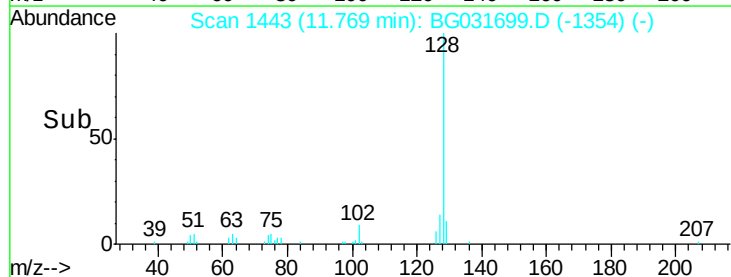
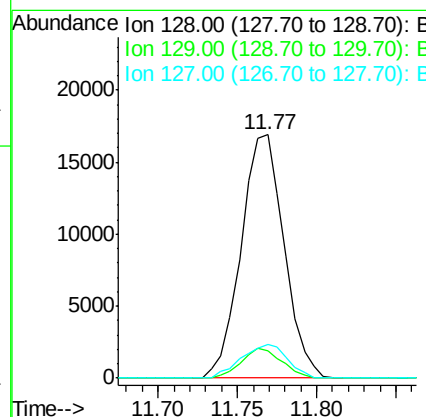
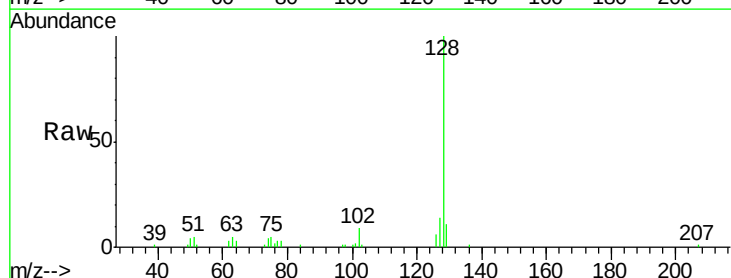
Instrument :
 BNA_G
 ClientSampleId :

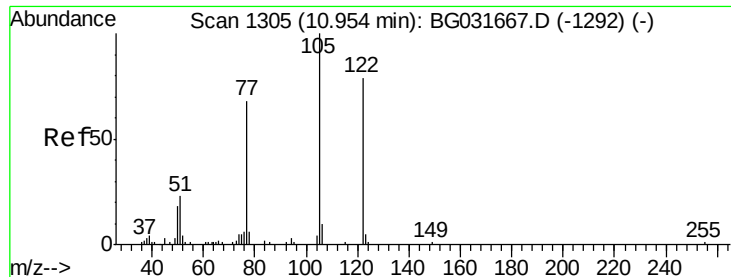
Tot Ion	Ratio	Lower	Upper
82	100		
128	51.3	29.7	44.5#
54	44.4	43.1	64.7



#31
 Naphthalene
 Concen: 2.846 ng
 RT: 11.77 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BG031699.D
 Acq: 22 Dec 2017 7:23

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	12.8
127	13.7	11.6	17.4





#32

Benzoic acid

Concen: 6.719 ng

RT: 10.85 min Scan# 1287

Delta R.T. -0.10 min

Lab File: BG031699.D

Acq: 22 Dec 2017 7:23

Instrument :

BNA_G

ClientSampleId :

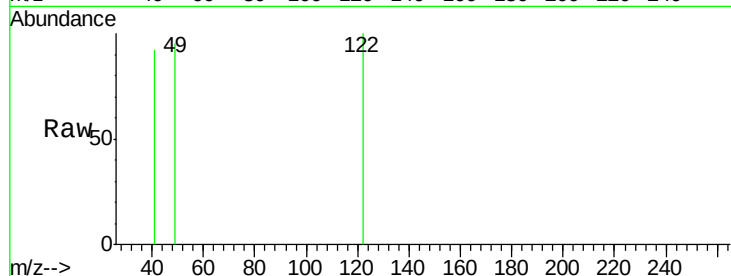
Tot Ion:122 Resp: 65

Ion Ratio Lower Upper

122 100

105 0.0 123.5 163.5#

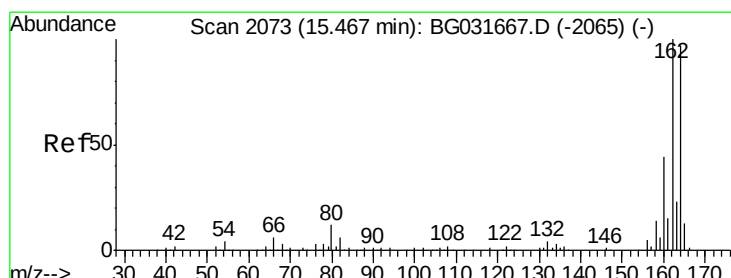
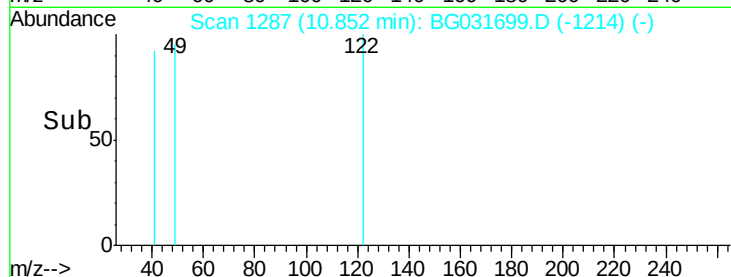
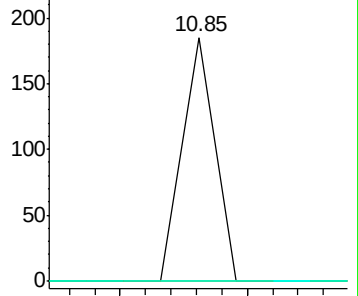
77 0.0 85.7 125.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.46 min Scan# 2071

Delta R.T. -0.01 min

Lab File: BG031699.D

Acq: 22 Dec 2017 7:23

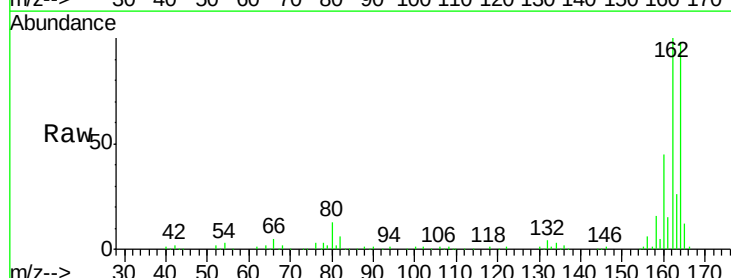
Tgt Ion:164 Resp: 151304

Ion Ratio Lower Upper

164 100

162 102.5 78.8 118.2

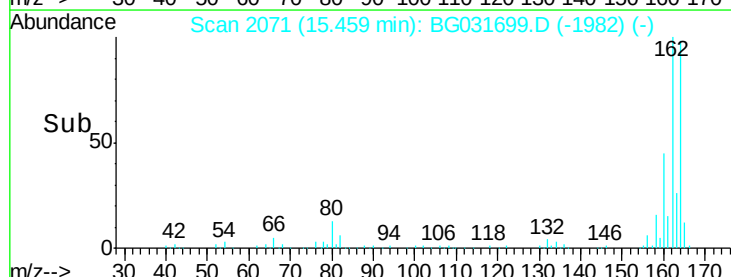
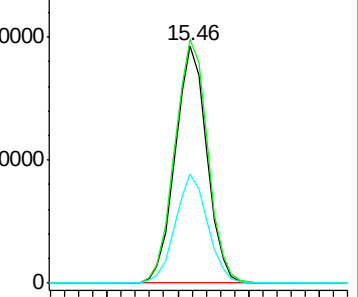
160 46.1 35.4 53.0

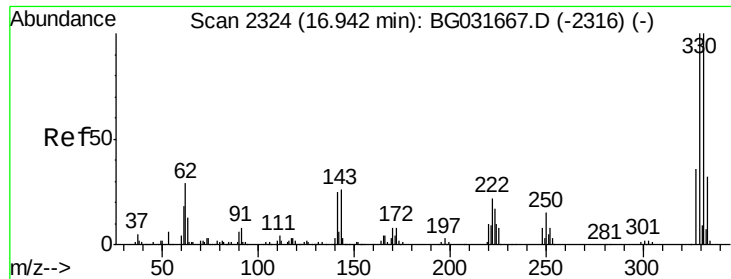


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

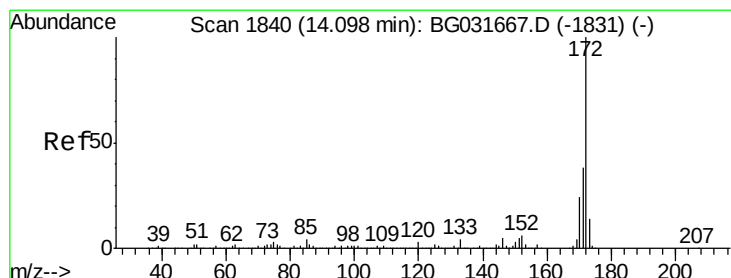
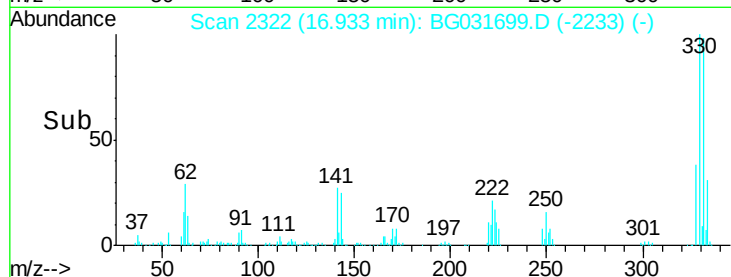
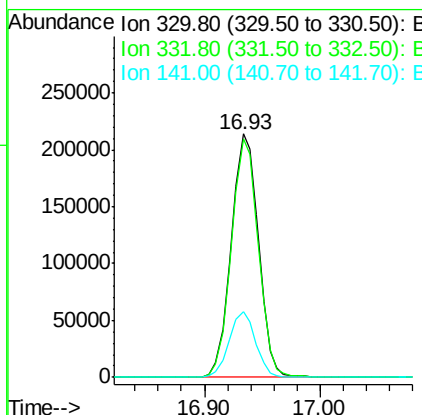
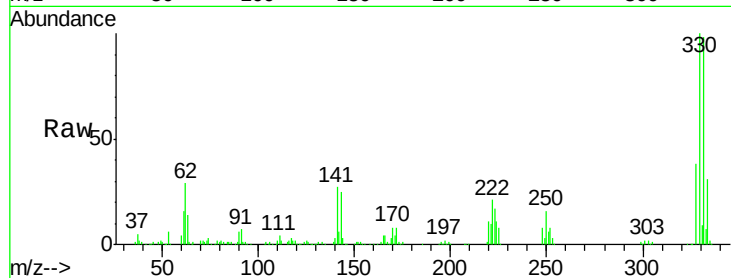




#41
 2,4,6-Tribromophenol
 Concen: 151.307 ng
 RT: 16.93 min Scan# 2322
 Delta R.T. -0.01 min
 Lab File: BG031699.D
 Acq: 22 Dec 2017 7:23

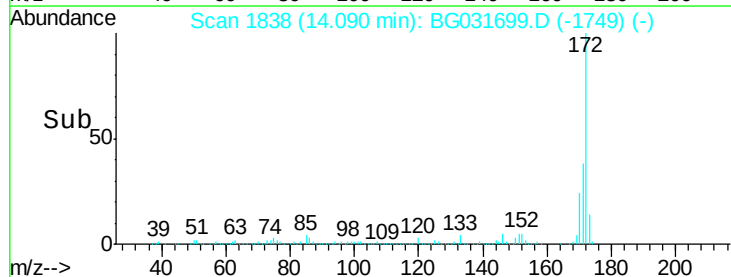
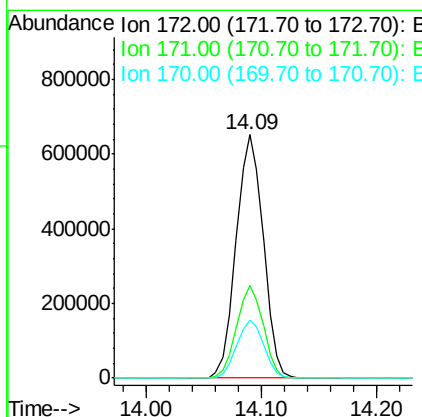
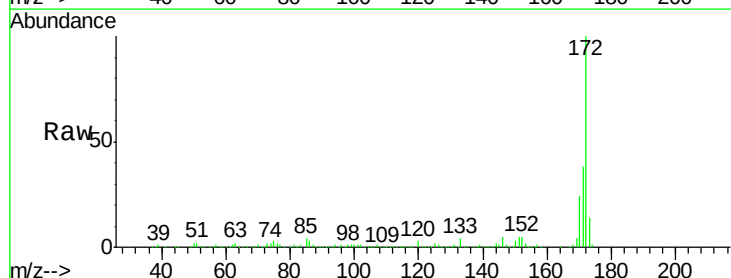
Instrument :
 BNA_G
 ClientSampled :

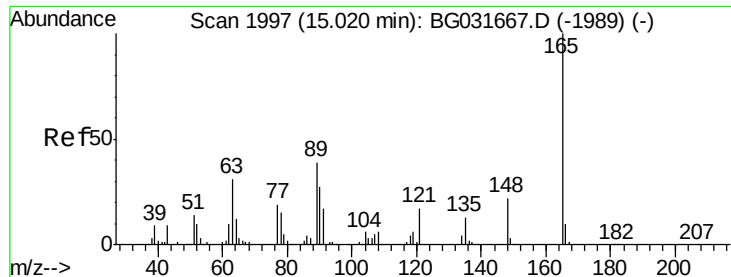
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	26.4	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 87.766 ng
 RT: 14.09 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BG031699.D
 Acq: 22 Dec 2017 7:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	24.0	19.5	29.3

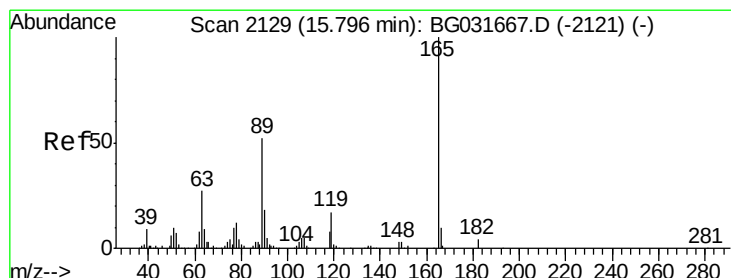
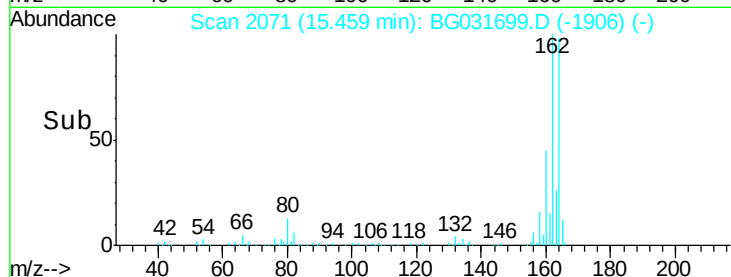
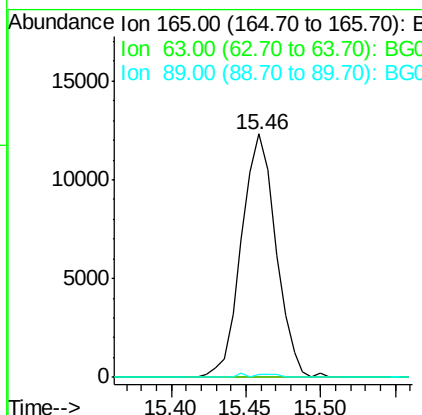
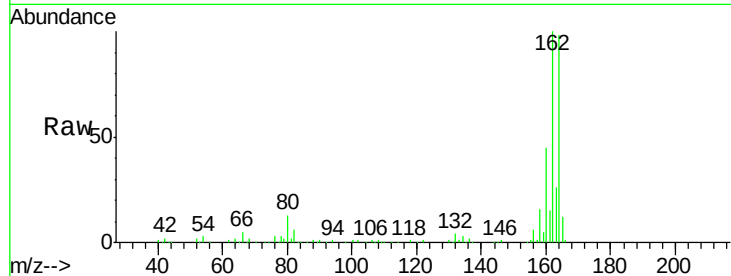




#50
 2,6-Dinitrotoluene
 Concen: 8.050 ng
 RT: 15.46 min Scan# 2071
 Delta R.T. 0.44 min
 Lab File: BG031699.D
 Acq: 22 Dec 2017 7:23

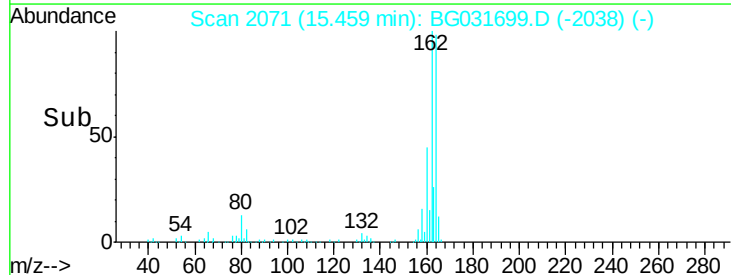
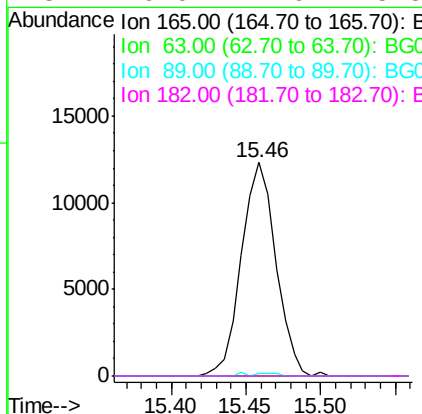
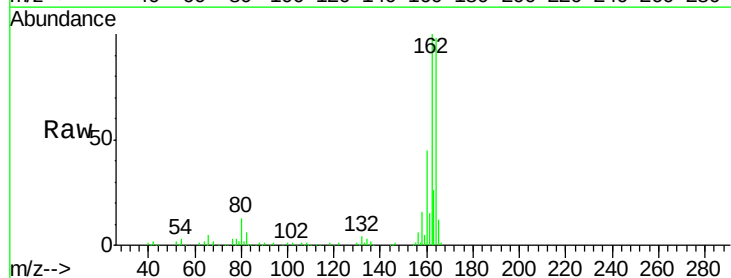
Instrument :
 BNA_G
 ClientSampleId :

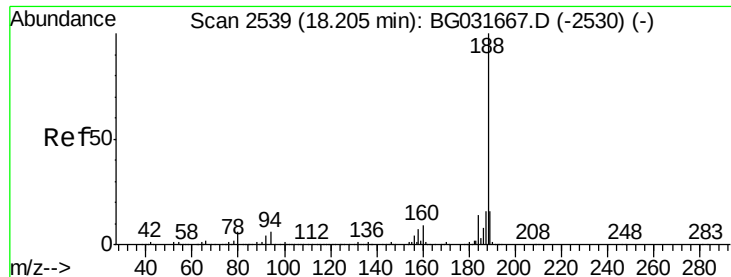
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	1.2	49.2	73.8#



#56
 2,4-Dinitrotoluene
 Concen: 6.260 ng
 RT: 15.46 min Scan# 2071
 Delta R.T. -0.34 min
 Lab File: BG031699.D
 Acq: 22 Dec 2017 7:23

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	1.2	66.9	100.3#
182	0.0	2.6	3.8#

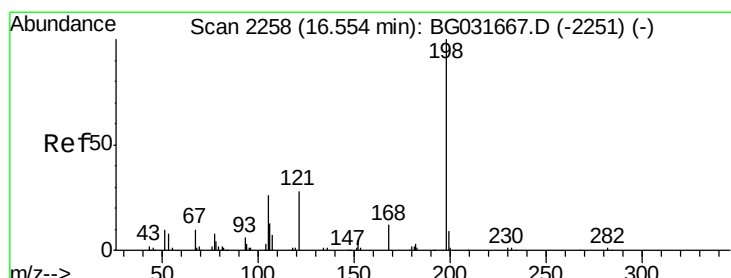
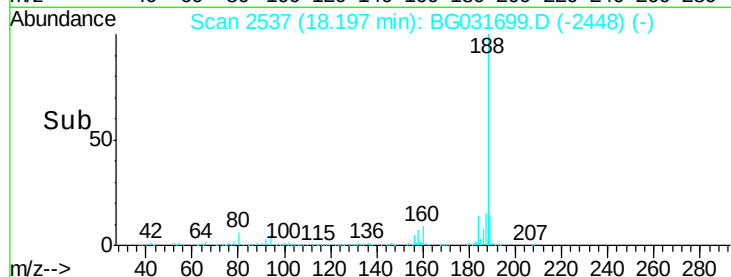
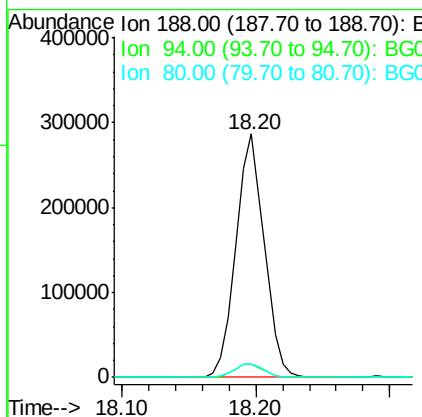
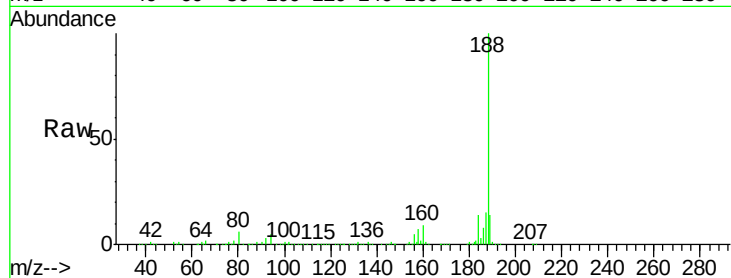




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.20 min Scan# 2537
 Delta R.T. -0.01 min
 Lab File: BG031699.D
 Acq: 22 Dec 2017 7:23

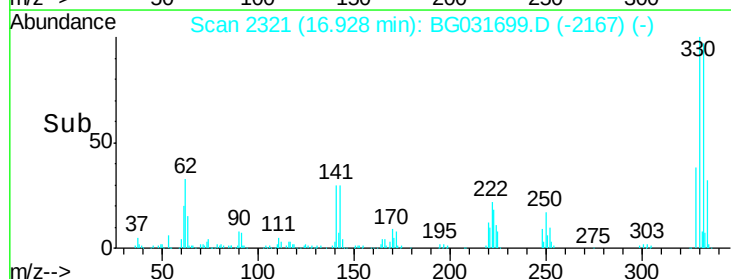
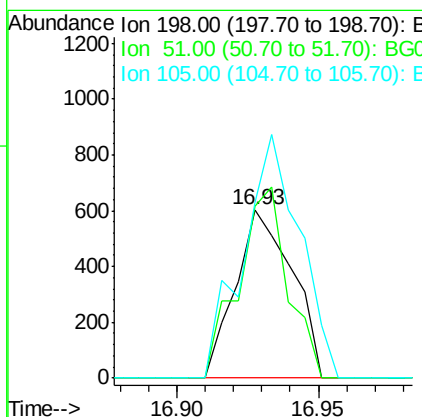
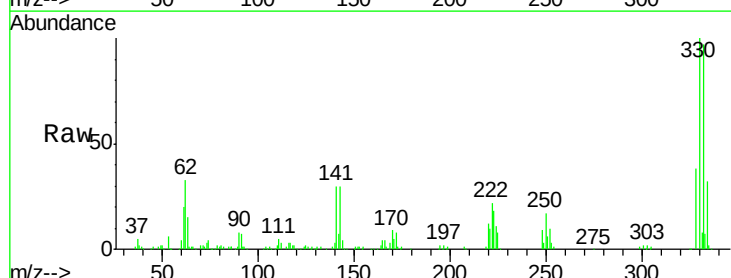
Instrument :
 BNA_G
 ClientSampleId :

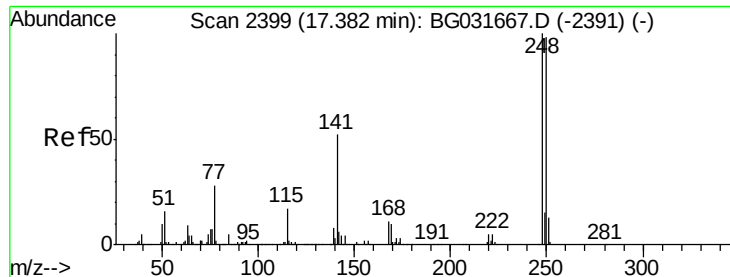
Tot Ion:188 Resp: 422958
 Ion Ratio Lower Upper
 188 100
 94 5.5 6.9 10.3#
 80 5.5 7.7 11.5#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.643 ng
 RT: 16.93 min Scan# 2321
 Delta R.T. 0.37 min
 Lab File: BG031699.D
 Acq: 22 Dec 2017 7:23

Tgt Ion:198 Resp: 840
 Ion Ratio Lower Upper
 198 100
 51 102.3 30.6 70.6#
 105 104.6 23.8 63.8#

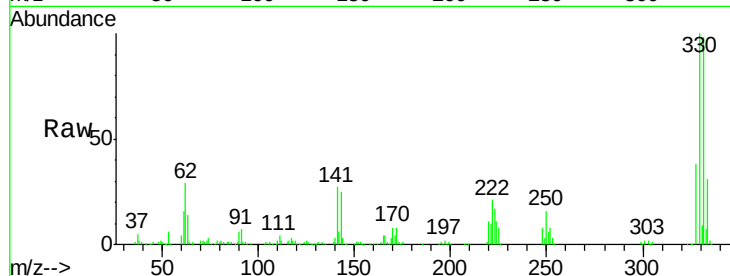




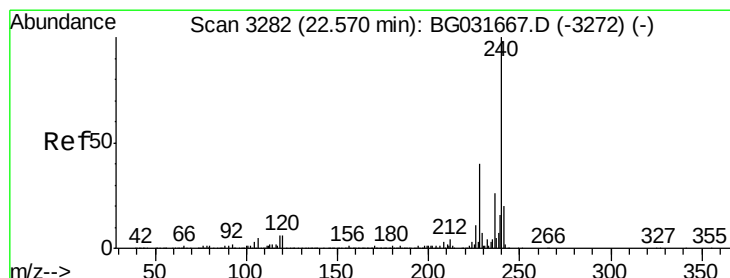
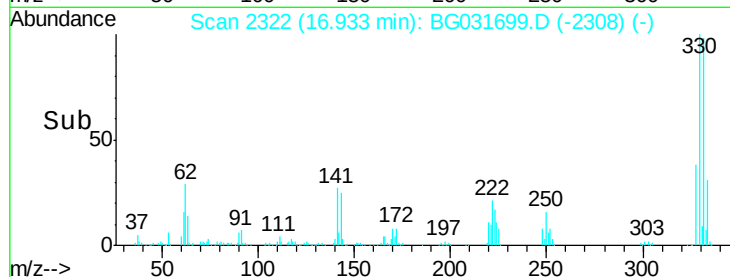
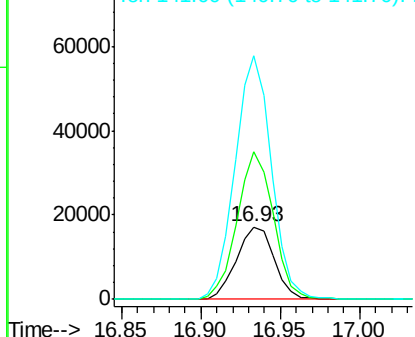
#66
4-Bromophenyl-phenylether
Concen: 4.612 ng
RT: 16.93 min Scan# 2322
Delta R.T. -0.45 min
Lab File: BG031699.D
Acq: 22 Dec 2017 7:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 28209
Ion Ratio Lower Upper
248 100
250 204.3 77.1 115.7#
141 337.0 50.8 76.2#

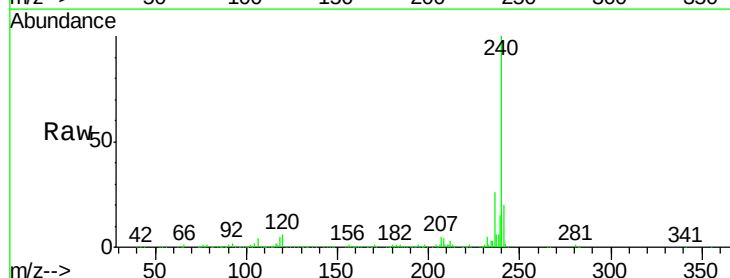


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

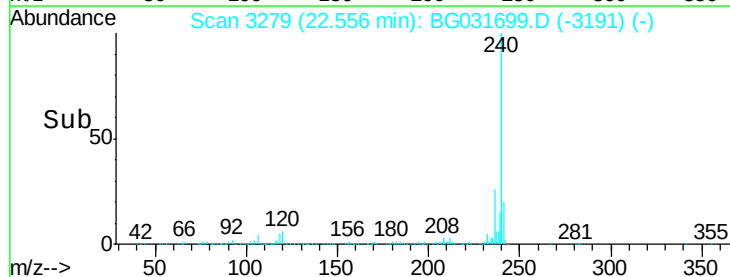
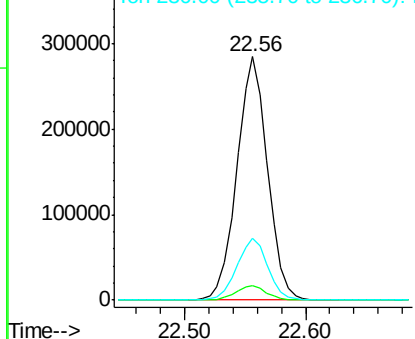


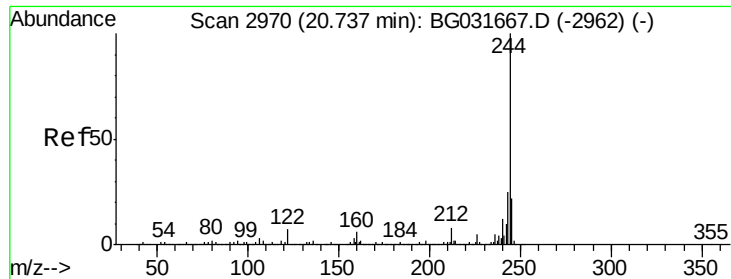
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3279
Delta R.T. -0.01 min
Lab File: BG031699.D
Acq: 22 Dec 2017 7:23

Tgt Ion:240 Resp: 500966
Ion Ratio Lower Upper
240 100
120 6.1 6.8 10.2#
236 25.5 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

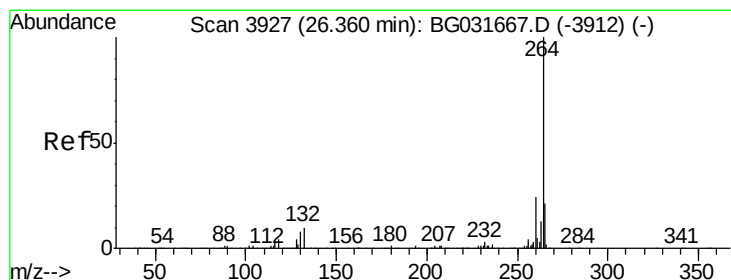
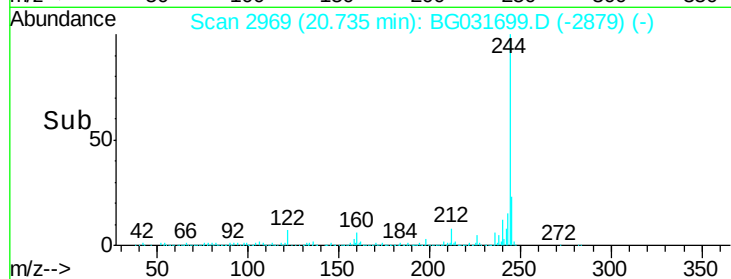
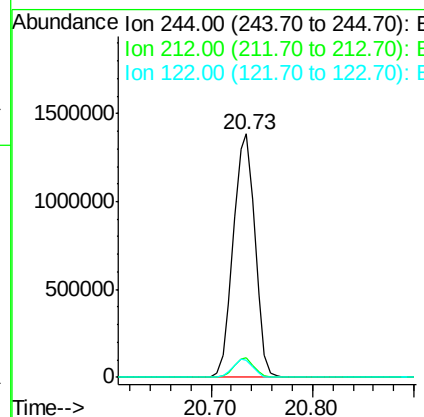
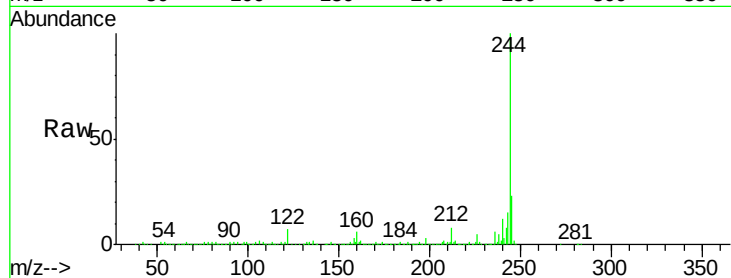




#78
 Terphenyl-d14
 Concen: 93.745 ng
 RT: 20.73 min Scan# 2969
 Delta R.T. -0.00 min
 Lab File: BG031699.D
 Acq: 22 Dec 2017 7:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 2055600
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.8 8.8
 122 7.1 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.34 min Scan# 3923
 Delta R.T. -0.02 min
 Lab File: BG031699.D
 Acq: 22 Dec 2017 7:23

Tgt Ion:264 Resp: 529261
 Ion Ratio Lower Upper
 264 100
 260 22.6 17.4 26.0
 265 21.1 17.7 26.5

