

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010218\
 Data File : BG031872.D
 Acq On : 2 Jan 2018 15:31
 Operator : SJ/JU
 Sample : PB105419BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 02 16:37:32 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

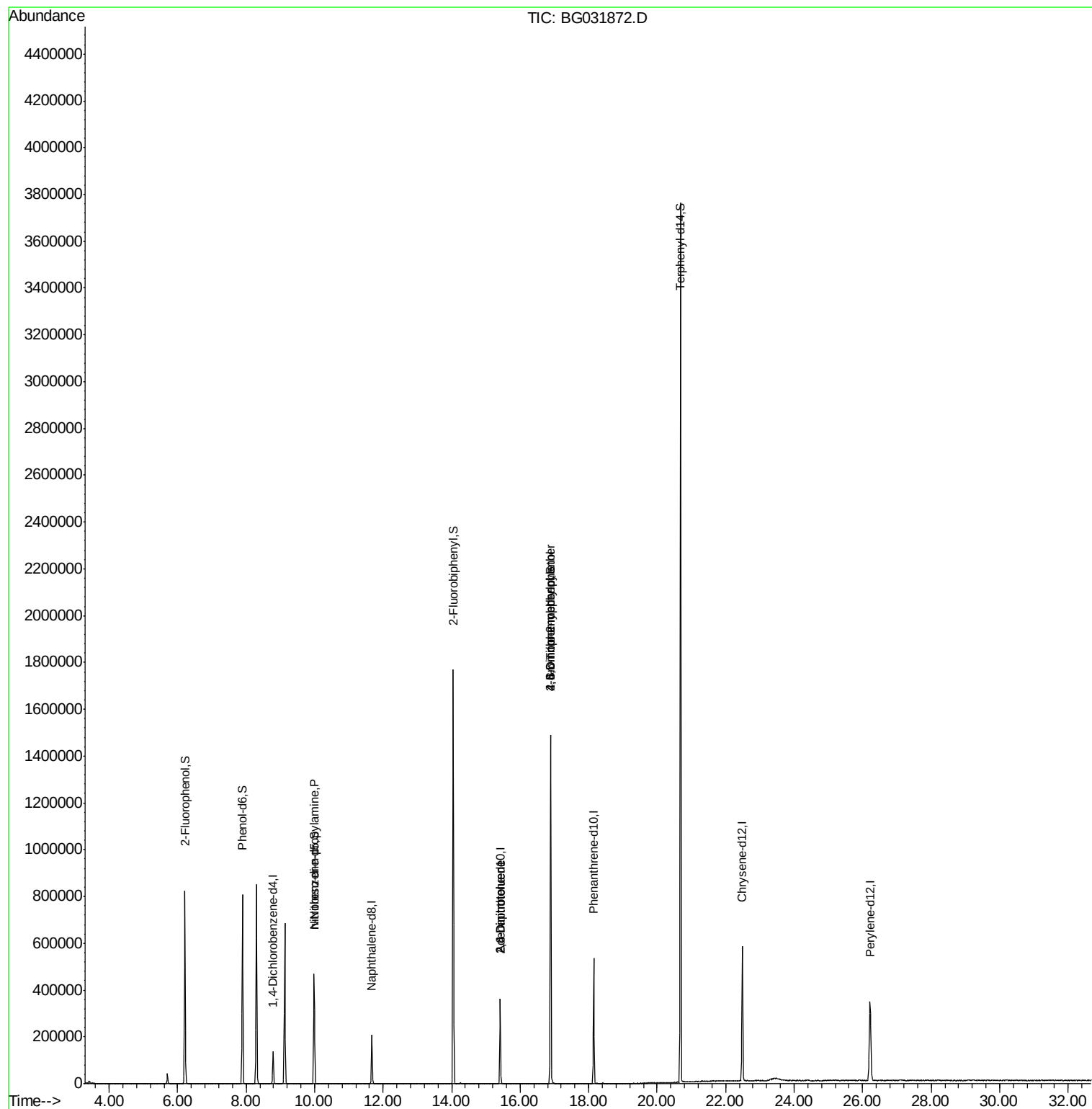
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	48705	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	206441	20.00	ng	0.00
38) Acenaphthene-d10	15.42	164	142293	20.00	ng	0.00
63) Phenanthrene-d10	18.14	188	379786	20.00	ng	-0.01
75) Chrysene-d12	22.49	240	435203	20.00	ng	-0.02
86) Perylene-d12	26.22	264	449307	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	447546	167.37	ng	0.00
7) Phenol-d6	7.89	99	572320	164.85	ng	0.00
23) Nitrobenzene-d5	9.98	82	309772	113.31	ng	0.00
41) 2,4,6-Tribromophenol	16.89	330	364255	167.77	ng	0.00
44) 2-Fluorobiphenyl	14.05	172	1110623	97.97	ng	0.00
78) Terphenyl-d14	20.68	244	2002616	105.13	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.98	70	40925	17.260	ng	# 70
50) 2,6-Dinitrotoluene	15.42	165	18334	7.950	ng	# 19
56) 2,4-Dinitrotoluene	15.42	165	18334	6.183	ng	# 17
64) 4,6-Dinitro-2-methylphenol	16.89	198	1033	8.768	ng	# 44
66) 4-Bromophenyl-phenylether	16.89	248	29139	5.306	ng	# 1

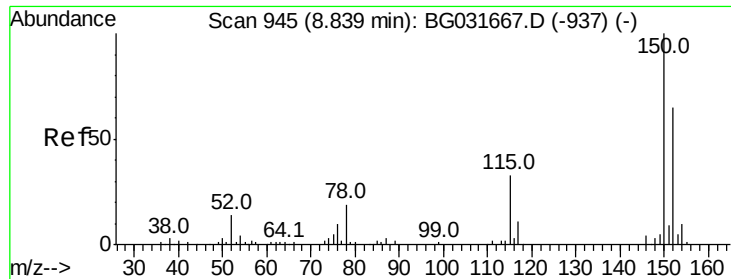
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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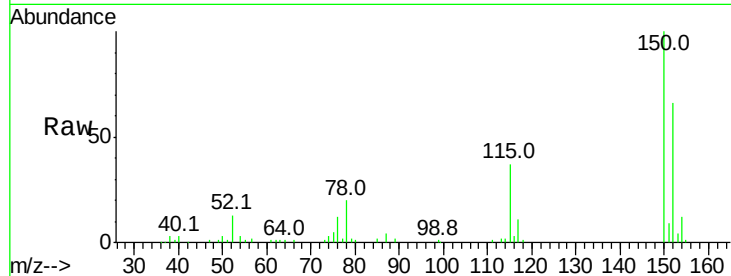


#1

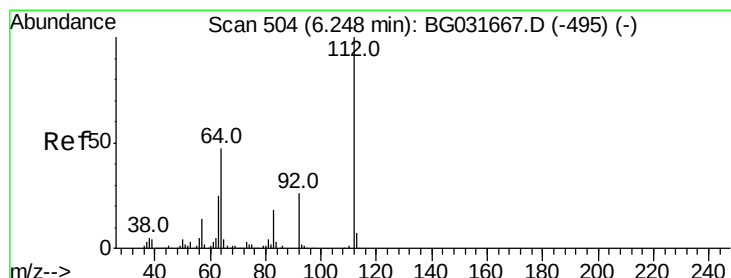
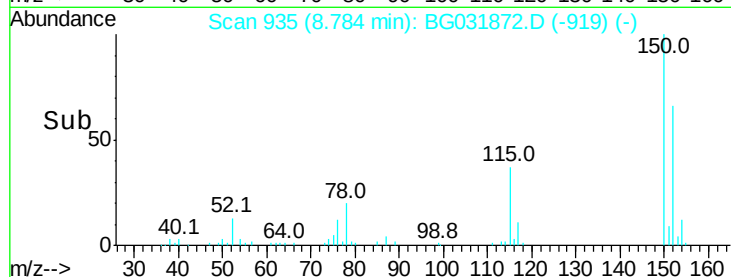
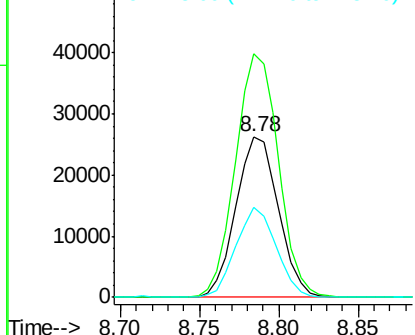
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.78 min Scan# 935
Delta R.T. -0.01 min
Lab File: BG031872.D
Acq: 2 Jan 2018 15:31

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 48705
Ion Ratio Lower Upper
152 100
150 151.3 126.6 189.8
115 55.8 53.0 79.4



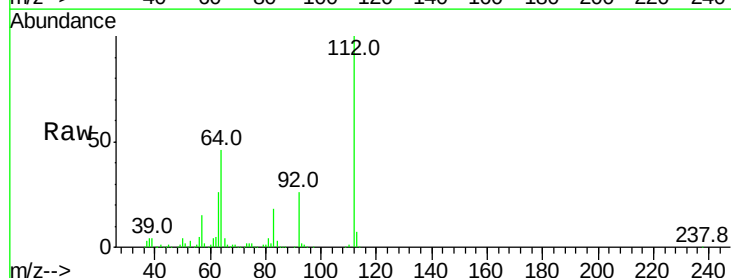
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



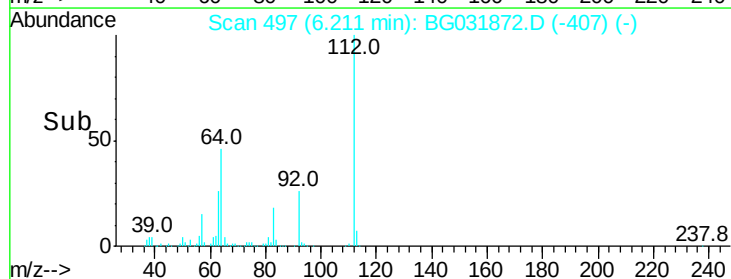
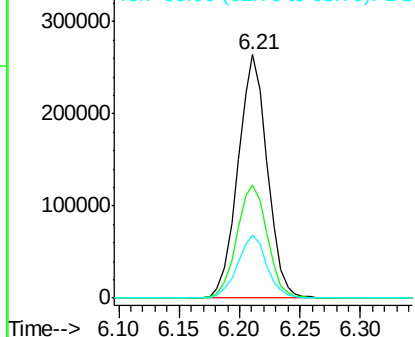
#5

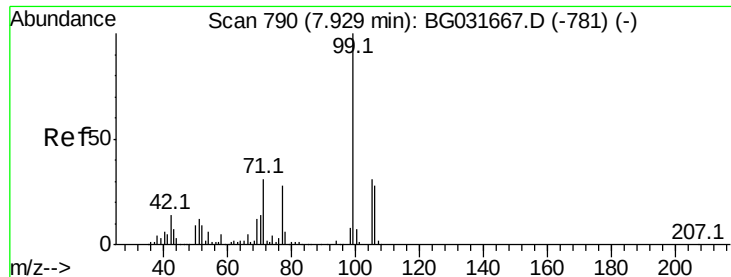
2-Fluorophenol
Concen: 167.365 ng
RT: 6.21 min Scan# 497
Delta R.T. -0.00 min
Lab File: BG031872.D
Acq: 2 Jan 2018 15:31

Tgt Ion:112 Resp: 447546
Ion Ratio Lower Upper
112 100
64 46.5 56.3 84.5#
63 26.1 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 164.847 ng

RT: 7.89 min Scan# 783

Delta R.T. -0.00 min

Lab File: BG031872.D

Acq: 2 Jan 2018 15:31

Instrument :

BNA_G

ClientSampleId :

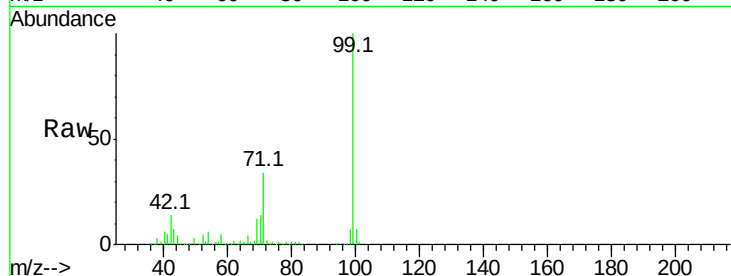
Tot Ion: 99 Resp: 572320

Ion Ratio Lower Upper

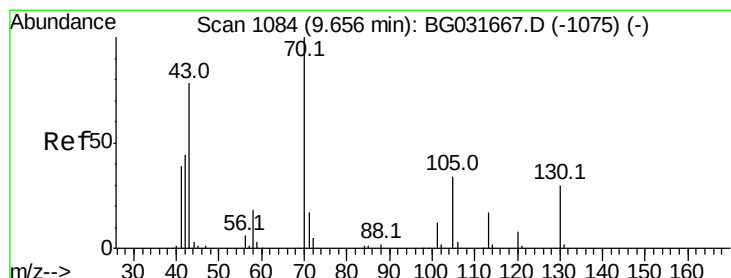
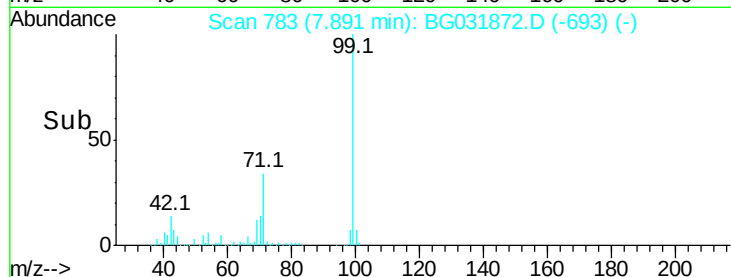
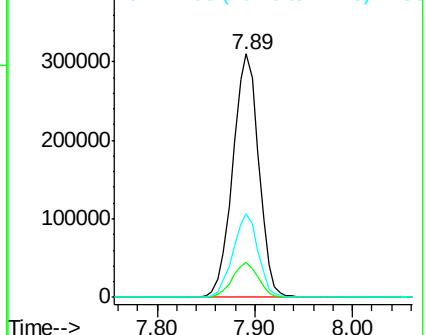
99 100

42 14.3 14.1 21.1

71 34.3 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: 17.260 ng

RT: 9.98 min Scan# 1139

Delta R.T. 0.38 min

Lab File: BG031872.D

Acq: 2 Jan 2018 15:31

Tgt Ion: 70 Resp: 40925

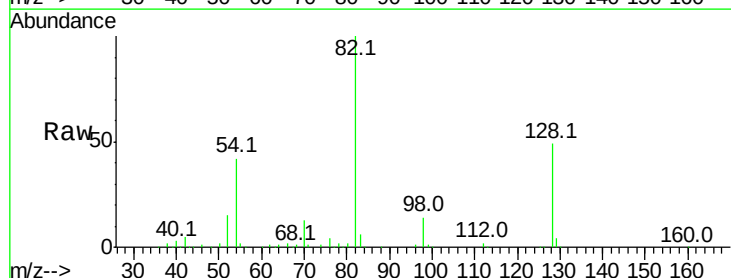
Ion Ratio Lower Upper

70 100

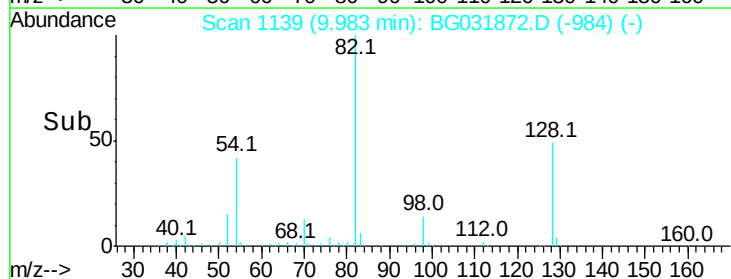
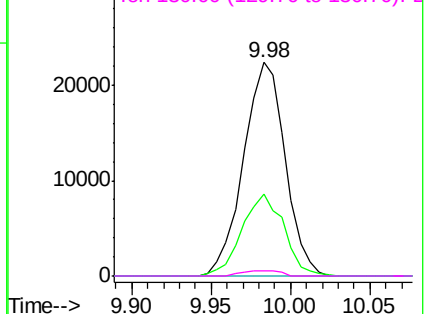
42 38.4 49.1 73.7#

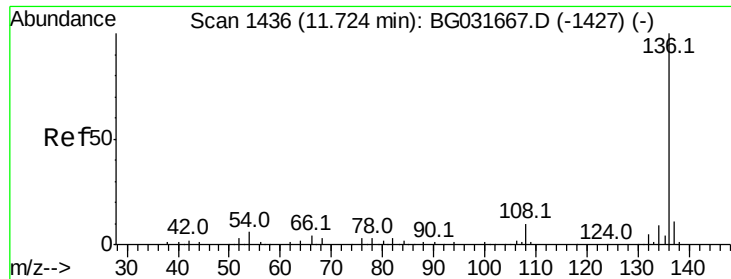
101 0.0 8.5 12.7#

130 2.4 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

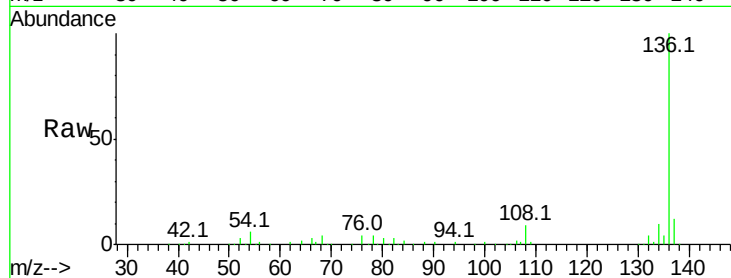




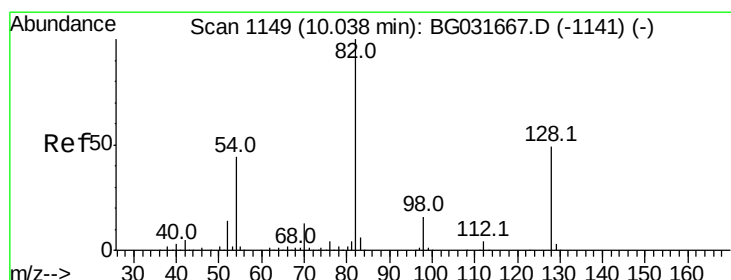
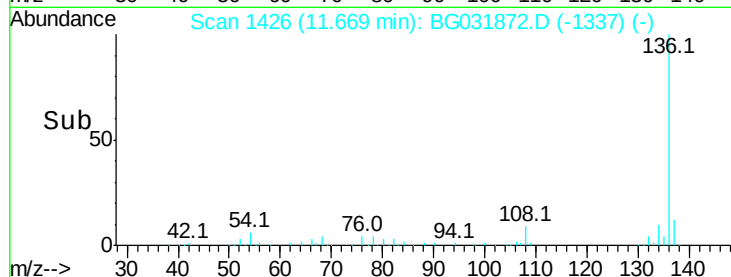
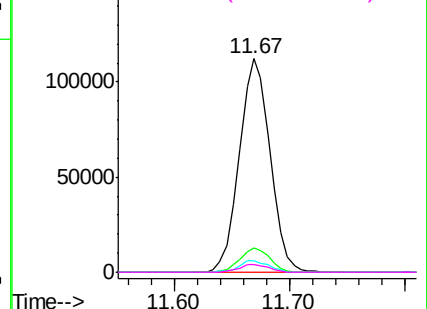
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.67 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BG031872.D
Acq: 2 Jan 2018 15:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	206441
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	5.5	10.3	15.5#
68	3.7	4.5	6.7#

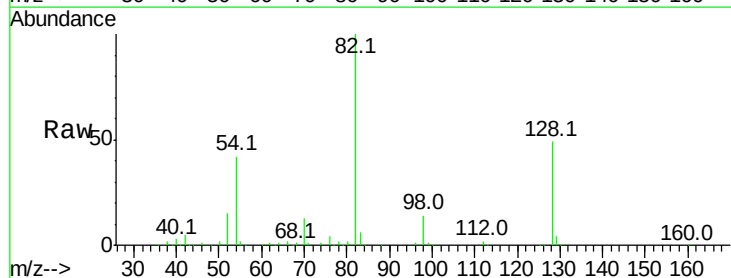


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

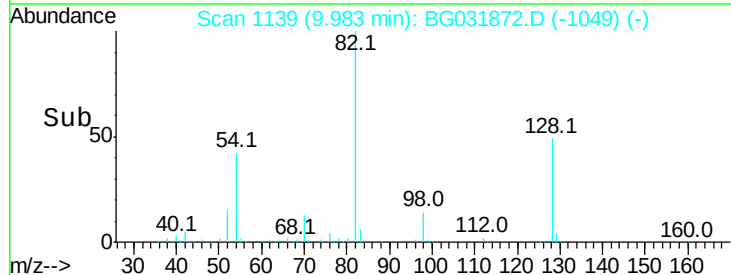
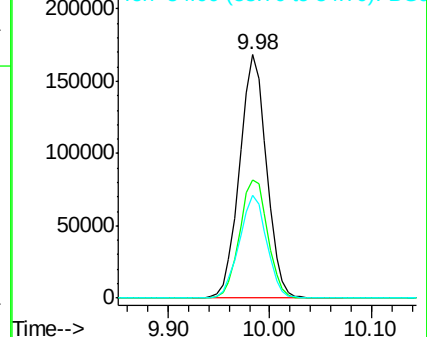


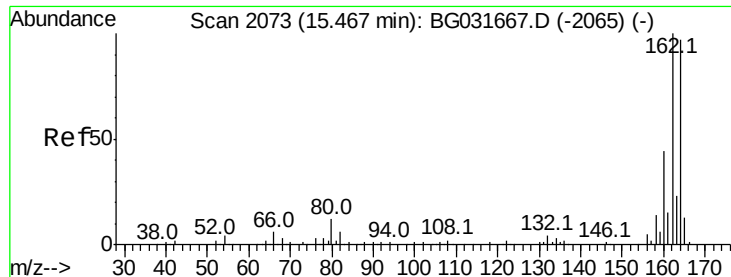
#23
Nitrobenzene-d5
Concen: 113.309 ng
RT: 9.98 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BG031872.D
Acq: 2 Jan 2018 15:31

Tgt Ion:	82	Resp:	309772
Ion	Ratio	Lower	Upper
82	100		
128	48.6	29.7	44.5#
54	42.1	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

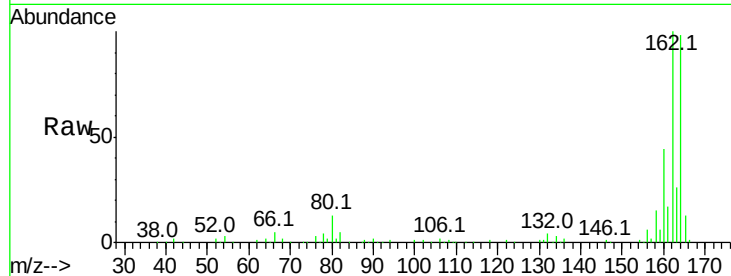




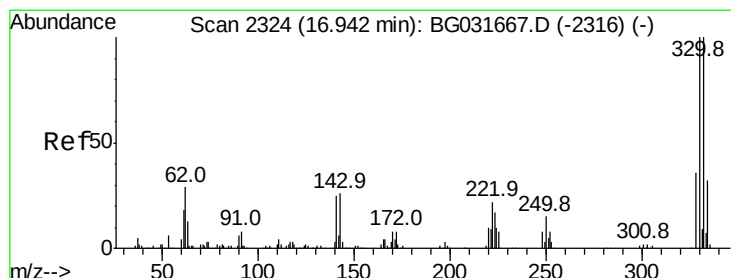
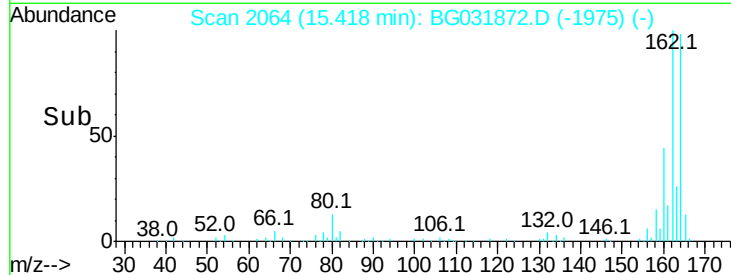
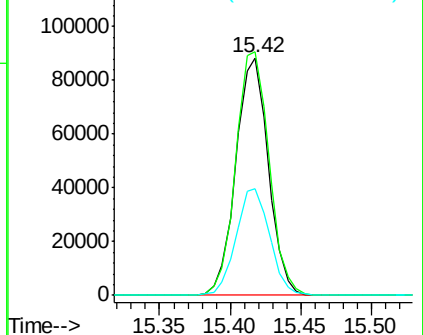
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: BG031872.D
 Acq: 2 Jan 2018 15:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:164 Resp: 142293
 Ion Ratio Lower Upper
 164 100
 162 102.4 78.8 118.2
 160 44.6 35.4 53.0

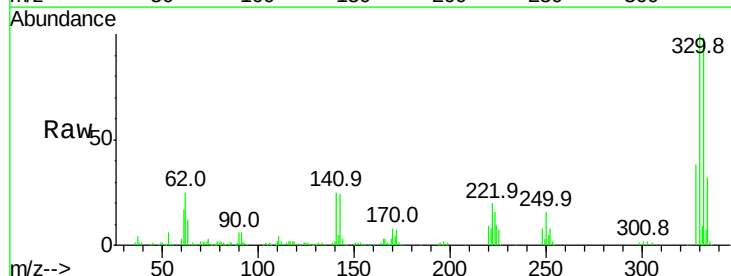


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

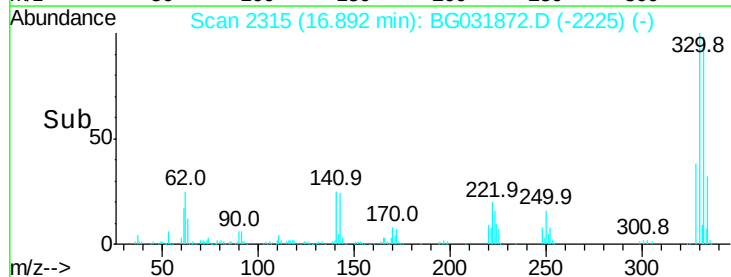
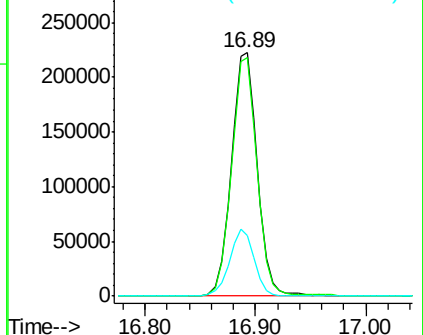


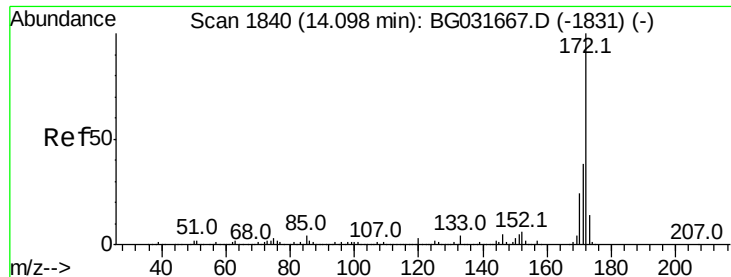
#41
 2,4,6-Tribromophenol
 Concen: 167.767 ng
 RT: 16.89 min Scan# 2315
 Delta R.T. -0.00 min
 Lab File: BG031872.D
 Acq: 2 Jan 2018 15:31

Tgt Ion:330 Resp: 364255
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 26.3 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

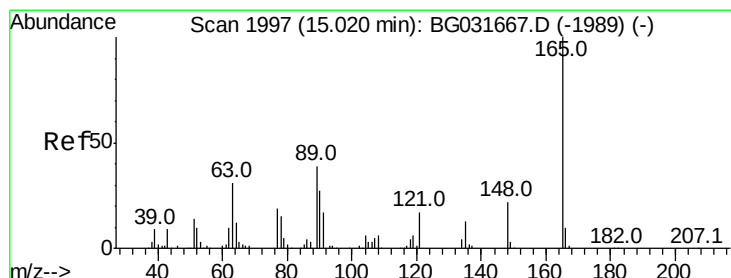
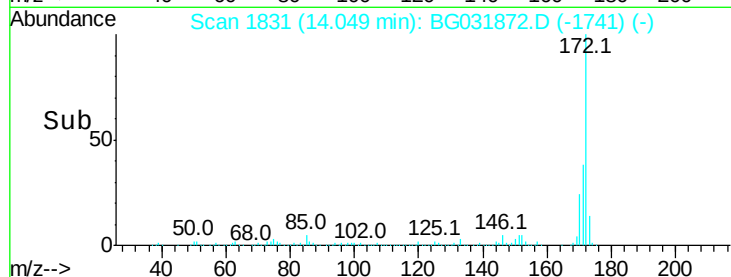
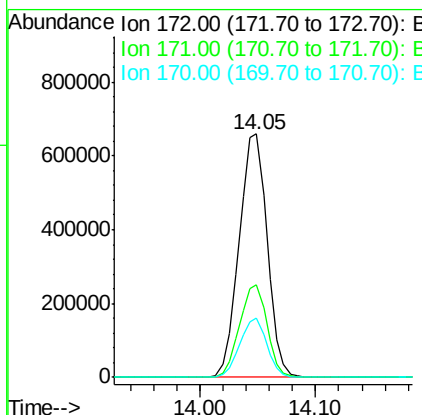
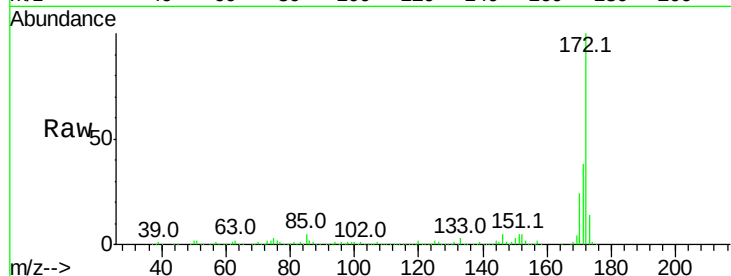




#44
2-Fluorobiphenyl
Concen: 97.965 ng
RT: 14.05 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BG031872.D
Acq: 2 Jan 2018 15:31

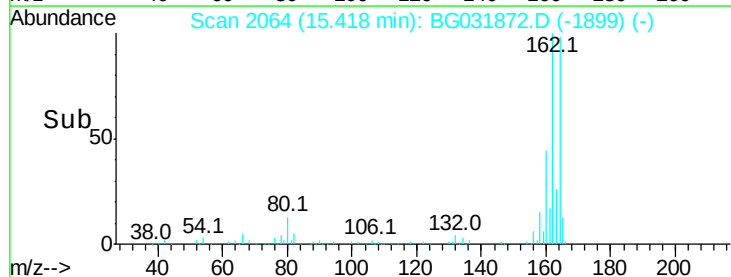
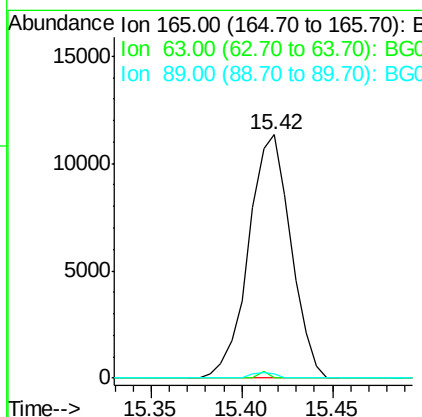
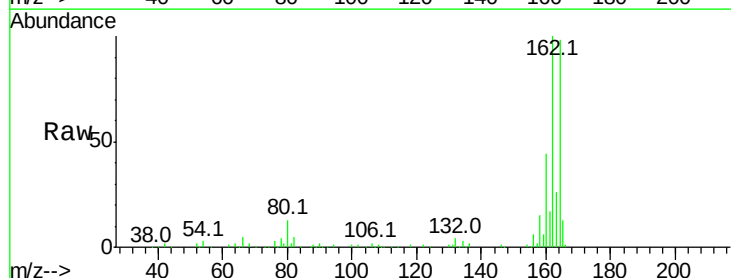
Instrument :
BNA_G
ClientSampleId :

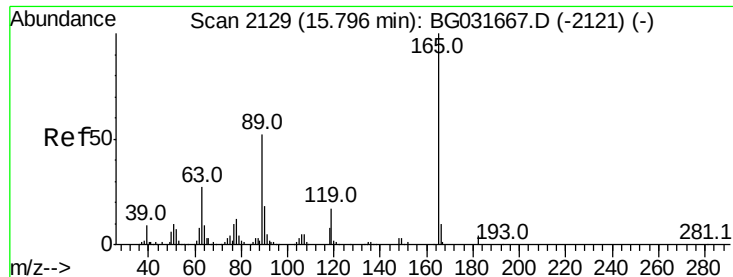
Tot Ion:172 Resp: 1110623
Ion Ratio Lower Upper
172 100
171 38.1 30.0 45.0
170 24.2 19.5 29.3



#50
2,6-Dinitrotoluene
Concen: 7.950 ng
RT: 15.42 min Scan# 2064
Delta R.T. 0.44 min
Lab File: BG031872.D
Acq: 2 Jan 2018 15:31

Tgt Ion:165 Resp: 18334
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 1.6 49.2 73.8#

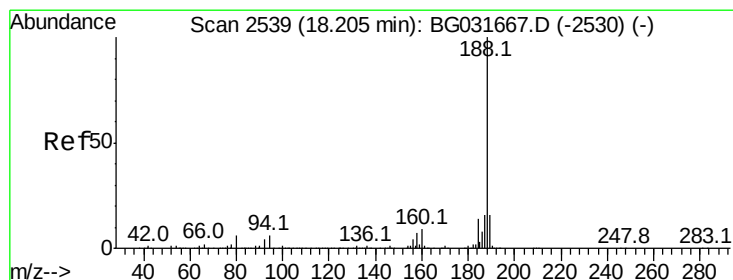
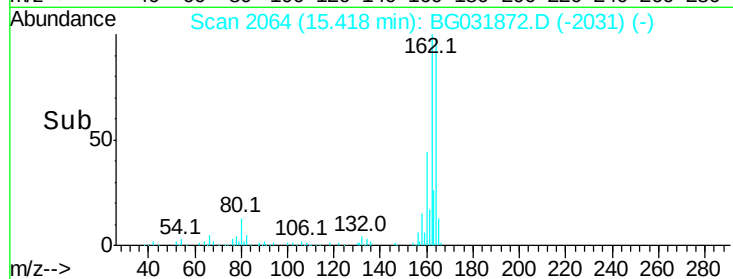
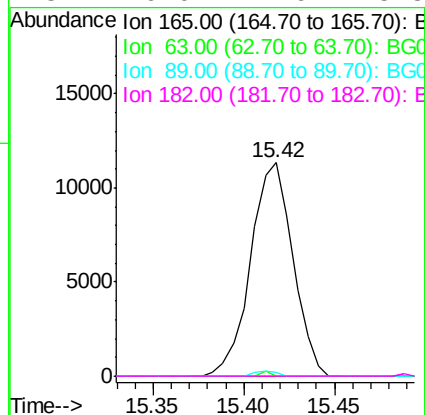
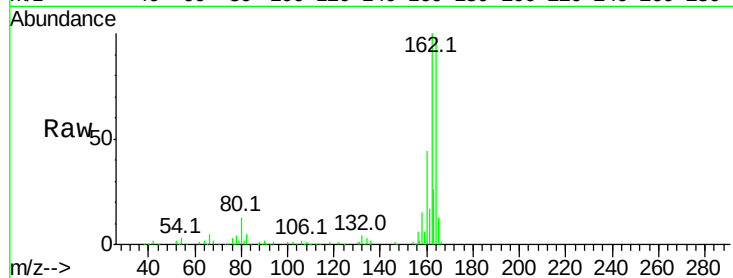




#56
 2,4-Dinitrotoluene
 Concen: 6.183 ng
 RT: 15.42 min Scan# 2064
 Delta R.T. -0.34 min
 Lab File: BG031872.D
 Acq: 2 Jan 2018 15:31

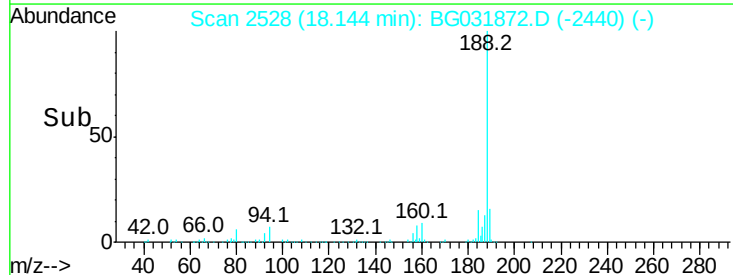
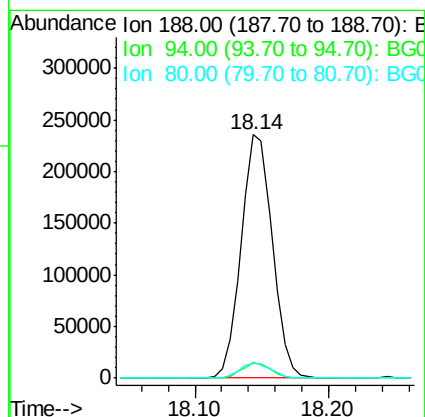
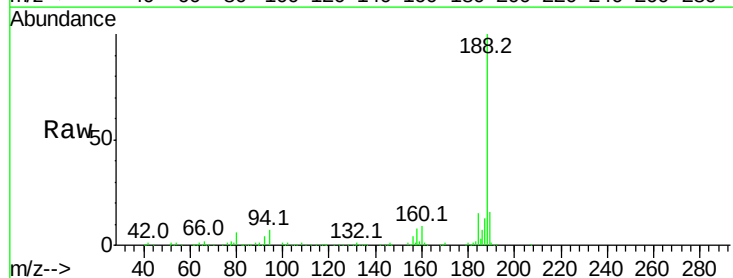
Instrument :
 BNA_G
 ClientSampleId :

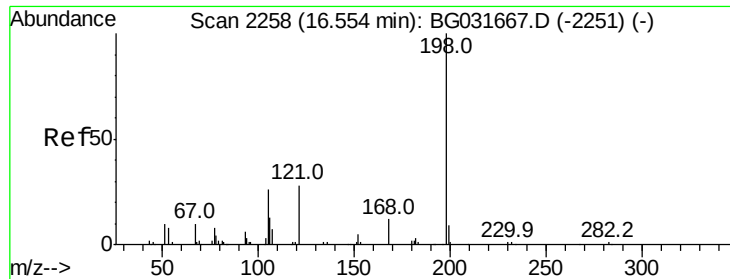
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	1.6	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.14 min Scan# 2528
 Delta R.T. -0.01 min
 Lab File: BG031872.D
 Acq: 2 Jan 2018 15:31

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.6	6.9	10.3#
80	5.8	7.7	11.5#

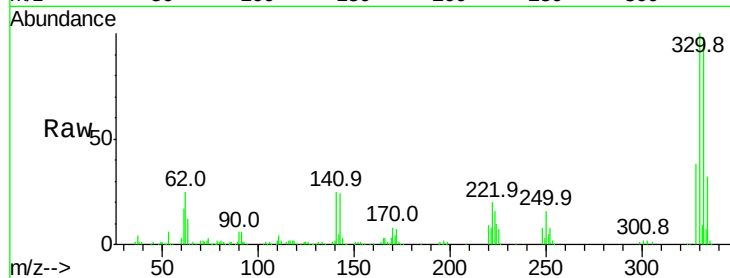




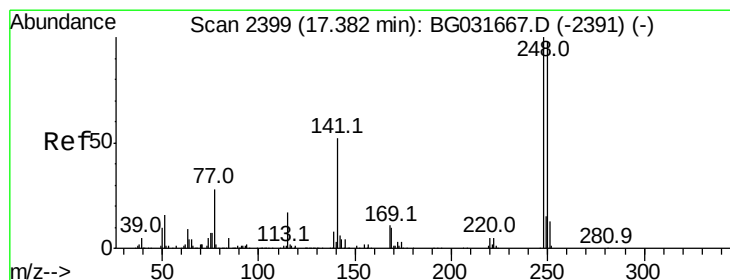
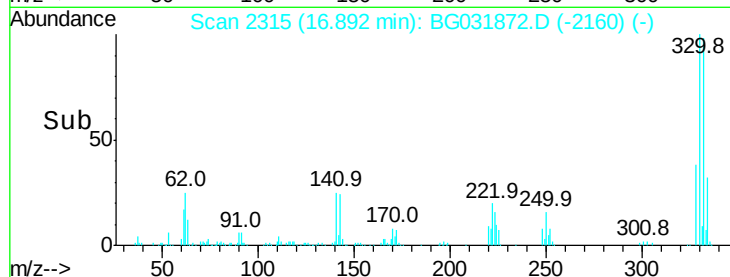
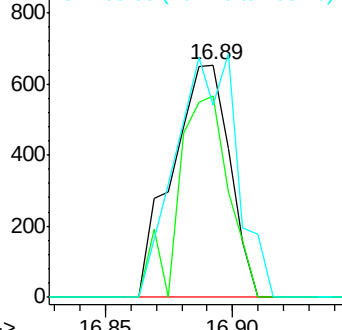
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.768 ng
 RT: 16.89 min Scan# 2315
 Delta R.T. 0.38 min
 Lab File: BG031872.D
 Acq: 2 Jan 2018 15:31

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:198 Resp: 1033
 Ion Ratio Lower Upper
 198 100
 51 86.4 30.6 70.6#
 105 82.7 23.8 63.8#

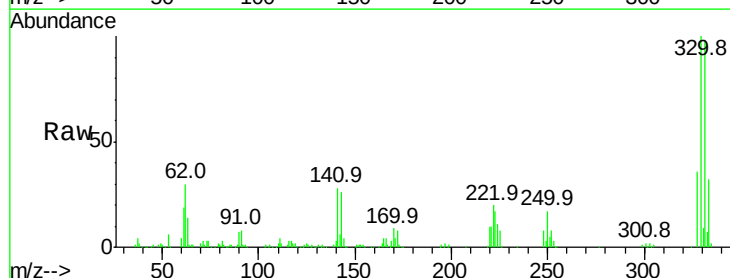


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG0
 Ion 105.00 (104.70 to 105.70): E

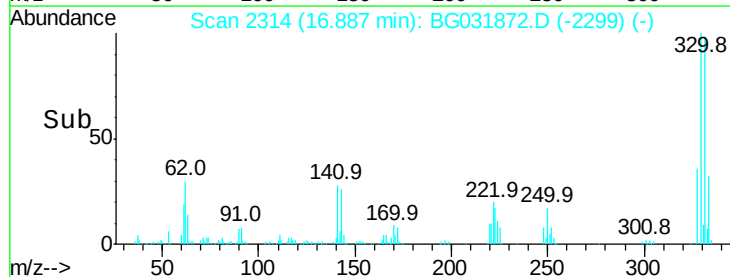
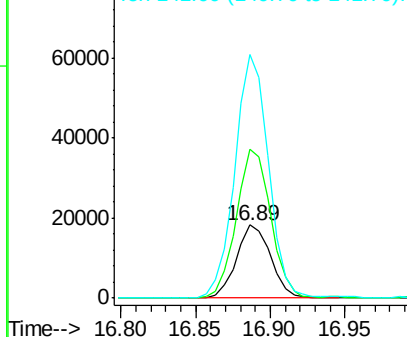


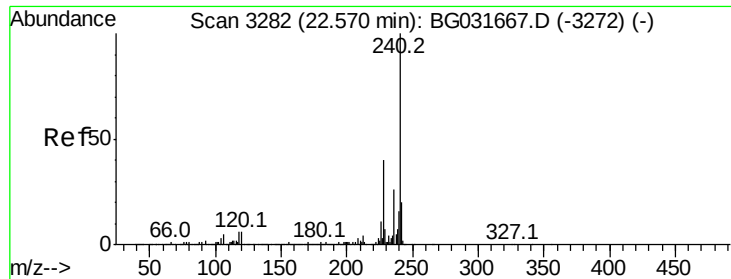
#66
 4-Bromophenyl-phenylether
 Concen: 5.306 ng
 RT: 16.89 min Scan# 2314
 Delta R.T. -0.44 min
 Lab File: BG031872.D
 Acq: 2 Jan 2018 15:31

Tgt Ion:248 Resp: 29139
 Ion Ratio Lower Upper
 248 100
 250 204.8 77.1 115.7#
 141 333.9 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

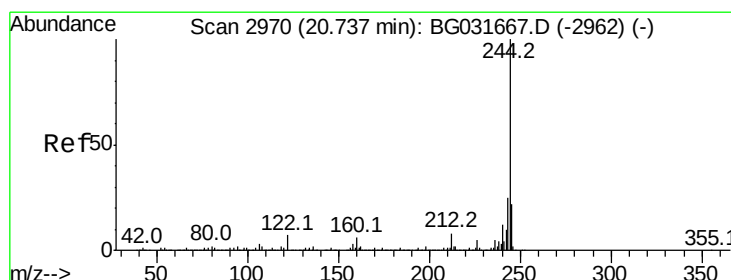
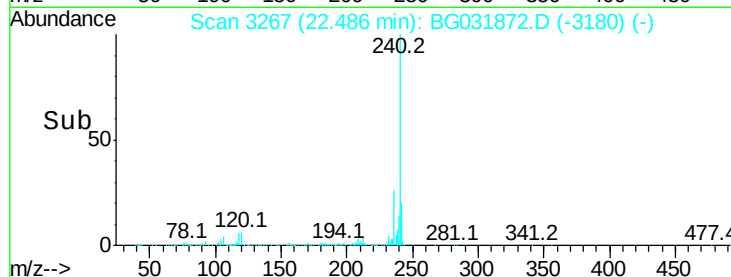
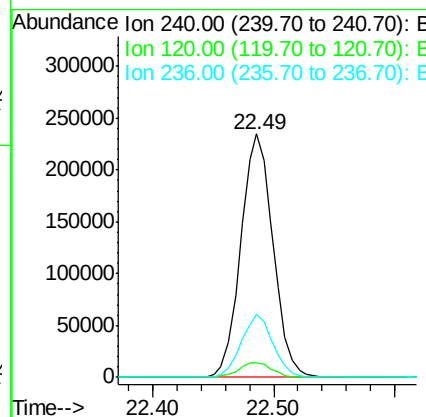
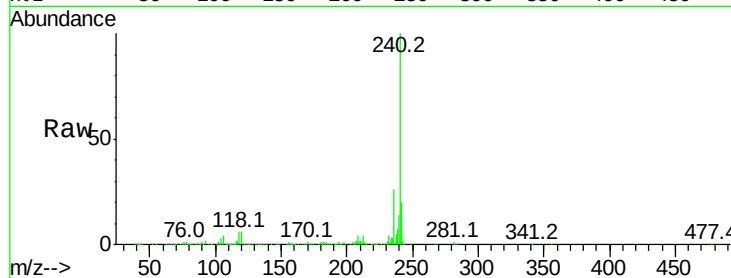




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.49 min Scan# 3267
 Delta R.T. -0.02 min
 Lab File: BG031872.D
 Acq: 2 Jan 2018 15:31

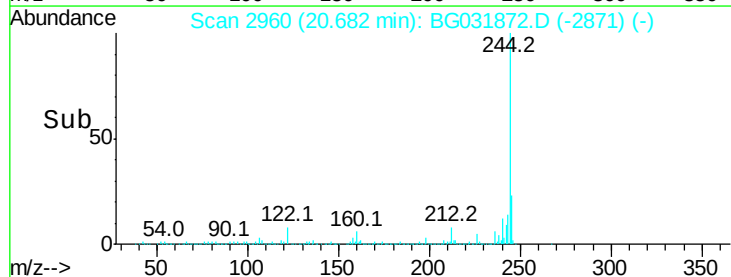
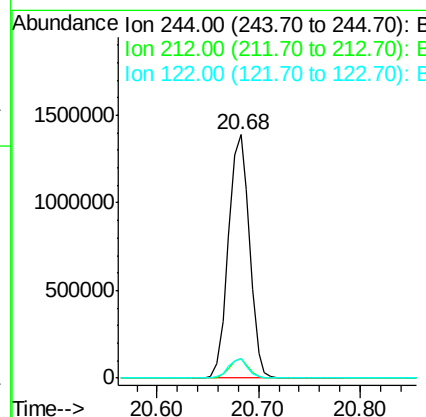
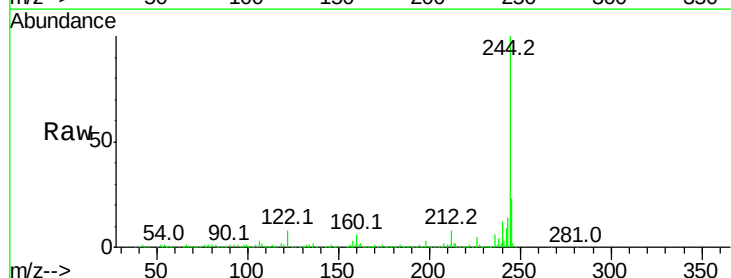
Instrument :
 BNA_G
 ClientSampleId :

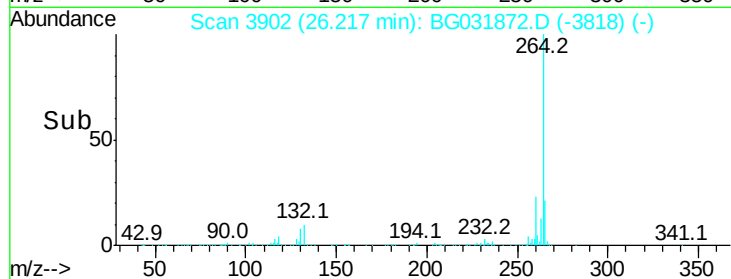
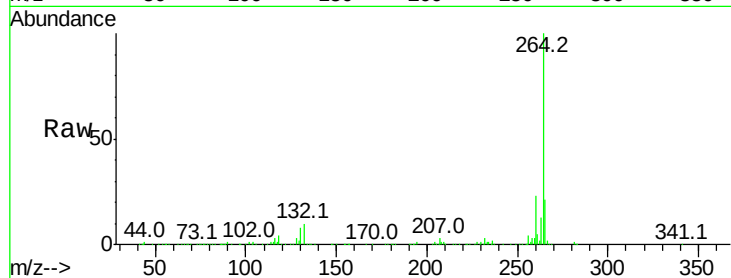
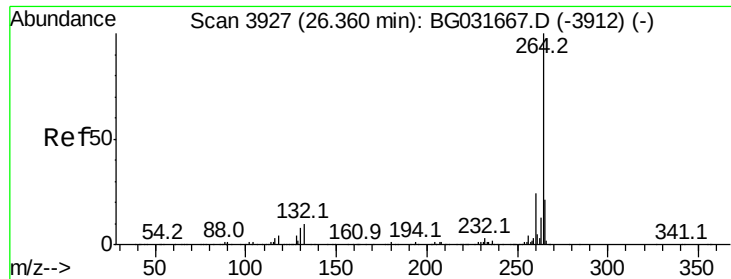
Tot Ion:240 Resp: 435203
 Ion Ratio Lower Upper
 240 100
 120 6.0 6.8 10.2#
 236 25.8 20.9 31.3



#78
 Terphenyl-d14
 Concen: 105.130 ng
 RT: 20.68 min Scan# 2960
 Delta R.T. -0.01 min
 Lab File: BG031872.D
 Acq: 2 Jan 2018 15:31

Tgt Ion:244 Resp: 2002616
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.8 8.8
 122 7.8 7.0 10.4





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.22 min Scan# 3902
 Delta R.T. -0.04 min
 Lab File: BG031872.D
 Acq: 2 Jan 2018 15:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.4	26.0
265	21.4	17.7	26.5

