

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122817\
 Data File : BG031831.D
 Acq On : 28 Dec 2017 18:49
 Operator : SJ/JU
 Sample : I6685-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 29 06:28:12 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 11:08:55 2017
 Response via : Initial Calibration

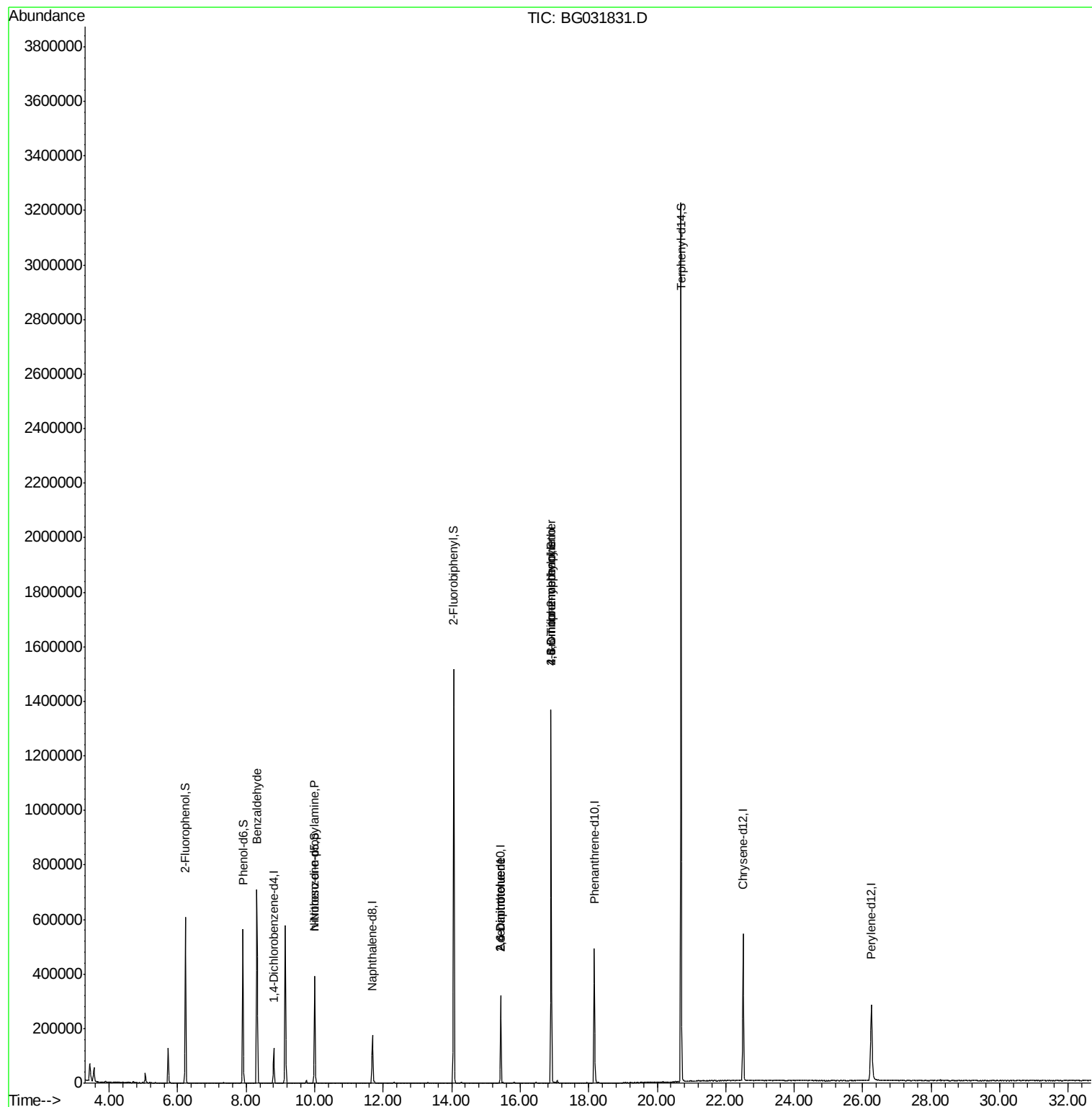
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.80	152	44196	20.00	ng	-0.04
21) Naphthalene-d8	11.69	136	183055	20.00	ng	-0.04
38) Acenaphthene-d10	15.43	164	123629	20.00	ng	-0.04
63) Phenanthrene-d10	18.16	188	346377	20.00	ng	-0.04
75) Chrysene-d12	22.51	240	414887	20.00	ng	-0.06
86) Perylene-d12	26.26	264	410351	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	342059	140.97	ng	-0.02
7) Phenol-d6	7.90	99	387592	123.03	ng	-0.03
23) Nitrobenzene-d5	10.00	82	256852	105.95	ng	-0.04
41) 2,4,6-Tribromophenol	16.90	330	329997	174.93	ng	-0.04
44) 2-Fluorobiphenyl	14.06	172	922760	93.68	ng	-0.04
78) Terphenyl-d14	20.69	244	1813662	99.87	ng	-0.04
Target Compounds						
9) Benzaldehyde	8.31	77	8655	4.562	ng	84
19) n-Nitroso-di-n-propylamine	10.00	70	34174	15.884	ng	# 74
50) 2,6-Dinitrotoluene	15.43	165	16027	7.999	ng	# 21
56) 2,4-Dinitrotoluene	15.43	165	16027	6.221	ng	# 19
64) 4,6-Dinitro-2-methylphenol	16.90	198	796	8.696	ng	# 57
66) 4-Bromophenyl-phenylether	16.90	248	26337	5.258	ng	# 1

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

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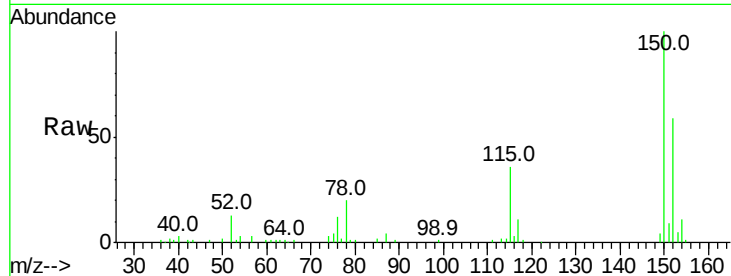




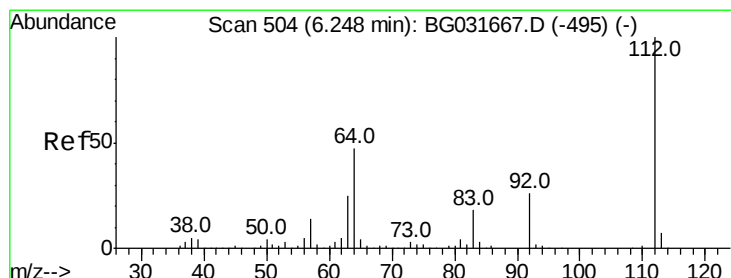
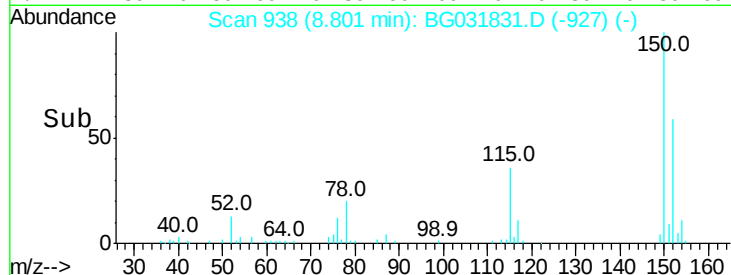
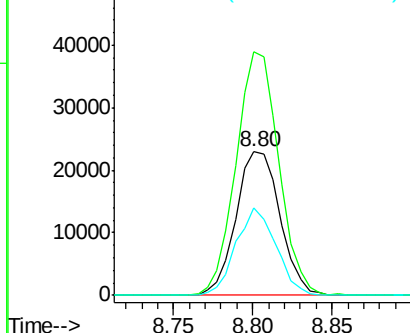
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.80 min Scan# 938
 Delta R.T. -0.04 min
 Lab File: BG031831.D
 Acq: 28 Dec 2017 18:49

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:152 Resp: 44196
 Ion Ratio Lower Upper
 152 100
 150 170.1 126.6 189.8
 115 60.7 53.0 79.4

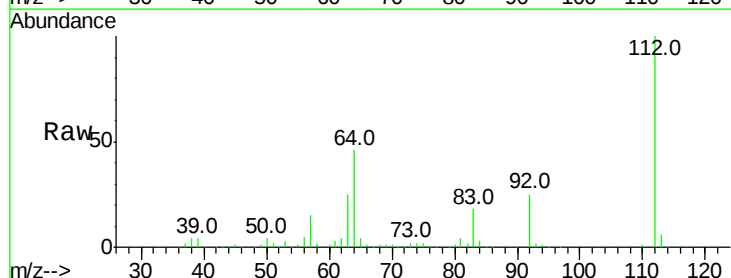


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

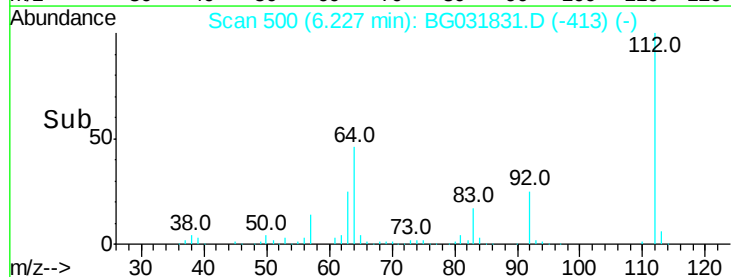
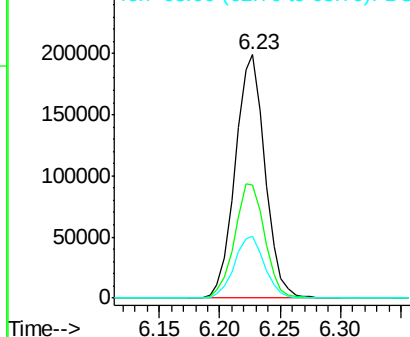


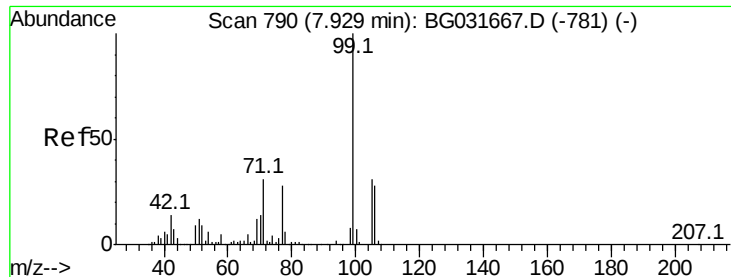
#5
 2-Fluorophenol
 Concen: 140.968 ng
 RT: 6.23 min Scan# 500
 Delta R.T. -0.02 min
 Lab File: BG031831.D
 Acq: 28 Dec 2017 18:49

Tgt Ion:112 Resp: 342059
 Ion Ratio Lower Upper
 112 100
 64 46.4 56.3 84.5#
 63 25.2 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: 123.029 ng

RT: 7.90 min Scan# 785

Delta R.T. -0.03 min

Lab File: BG031831.D

Acq: 28 Dec 2017 18:49

Instrument :

BNA_G

ClientSampled :

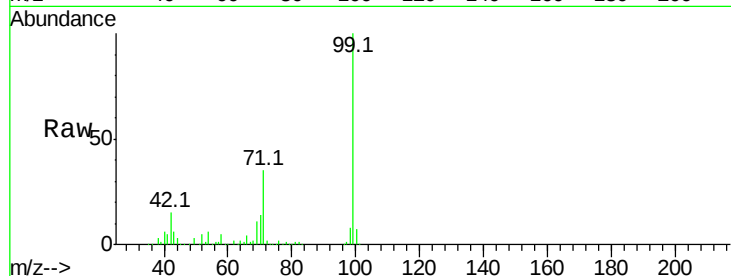
Tot Ion: 99 Resp: 387592

Ion Ratio Lower Upper

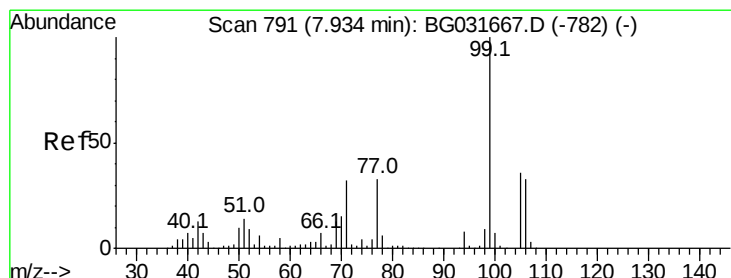
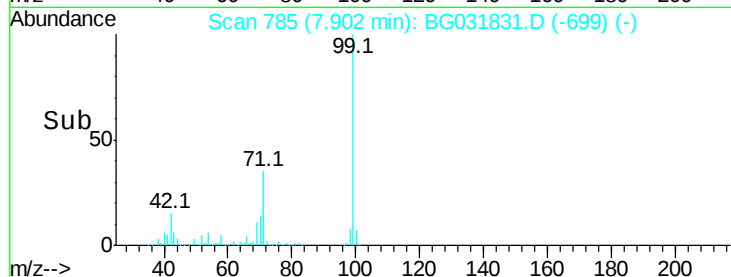
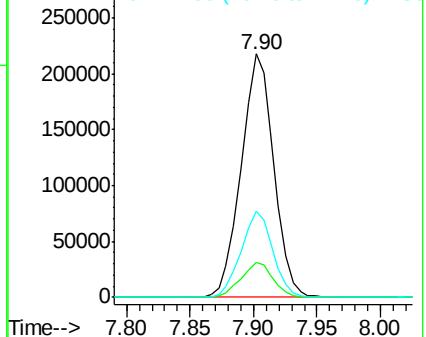
99 100

42 14.6 14.1 21.1

71 35.2 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: 4.562 ng

RT: 8.31 min Scan# 855

Delta R.T. 0.38 min

Lab File: BG031831.D

Acq: 28 Dec 2017 18:49

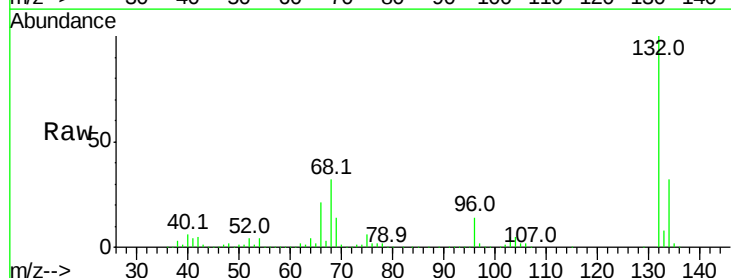
Tgt Ion: 77 Resp: 8655

Ion Ratio Lower Upper

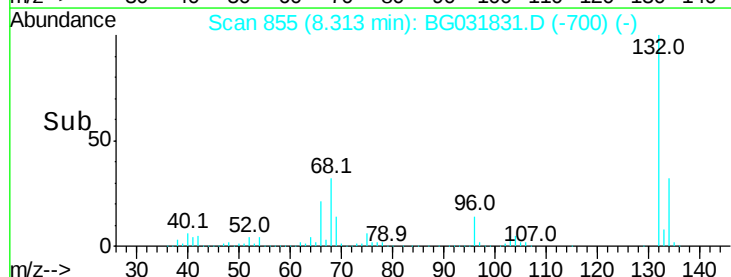
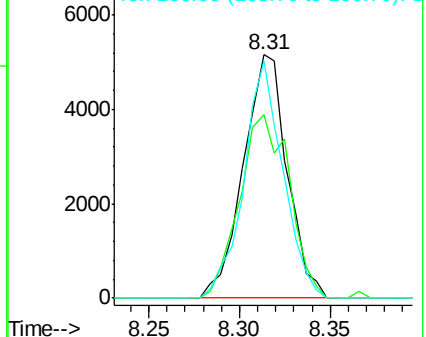
77 100

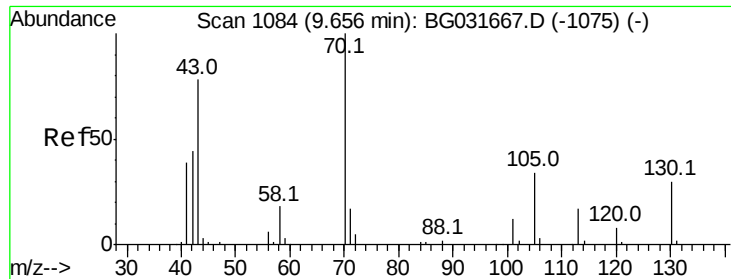
105 75.4 71.3 111.3

106 97.6 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

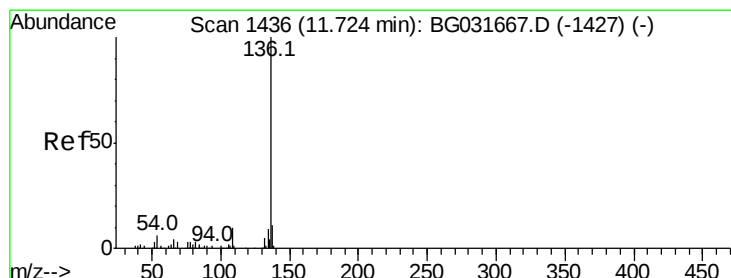
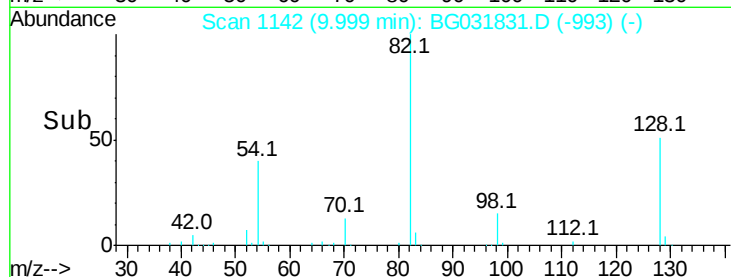
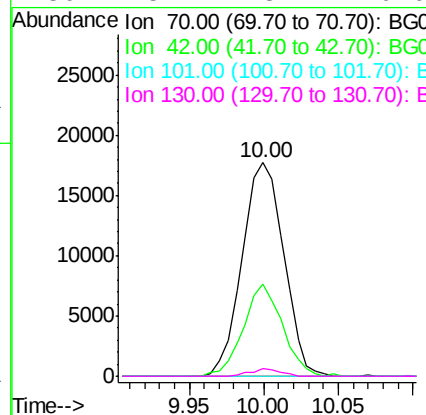
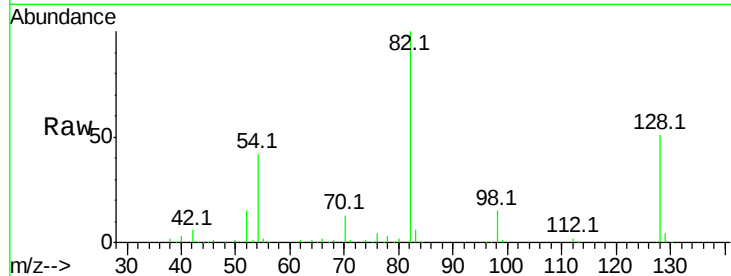




#19
n-Nitroso-di-n-propylamine
Concen: 15.884 ng
RT: 10.00 min Scan# 1142
Delta R.T. 0.34 min
Lab File: BG031831.D
Acq: 28 Dec 2017 18:49

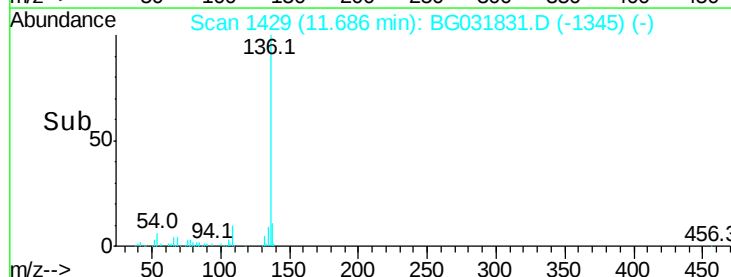
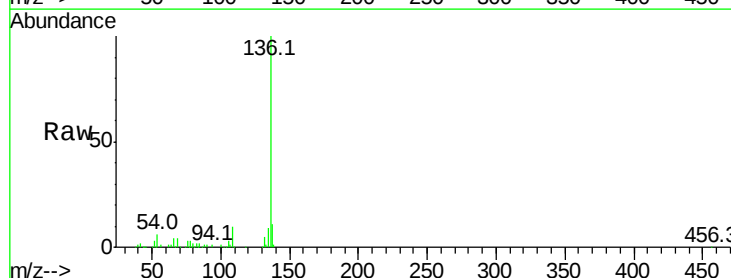
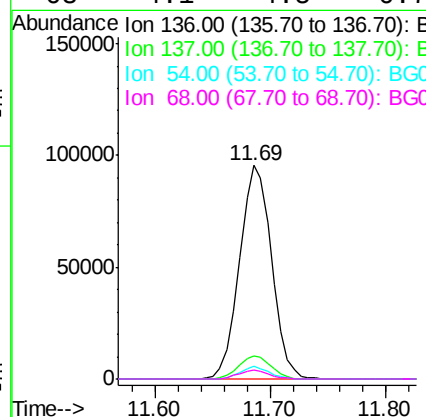
Instrument :
BNA_G
ClientSampleId :

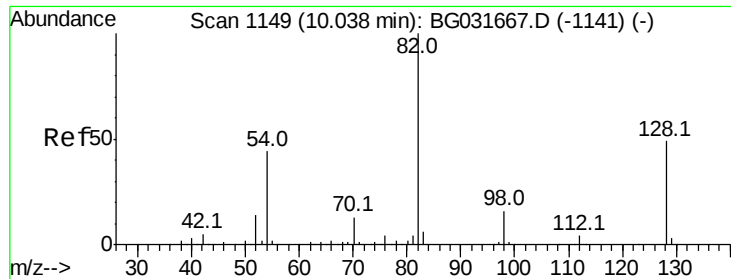
Tot Ion: 70 Resp: 34174
Ion Ratio Lower Upper
70 100
42 42.9 49.1 73.7#
101 0.0 8.5 12.7#
130 3.4 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.69 min Scan# 1429
Delta R.T. -0.04 min
Lab File: BG031831.D
Acq: 28 Dec 2017 18:49

Tgt Ion: 136 Resp: 183055
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 6.0 10.3 15.5#
68 4.1 4.5 6.7#

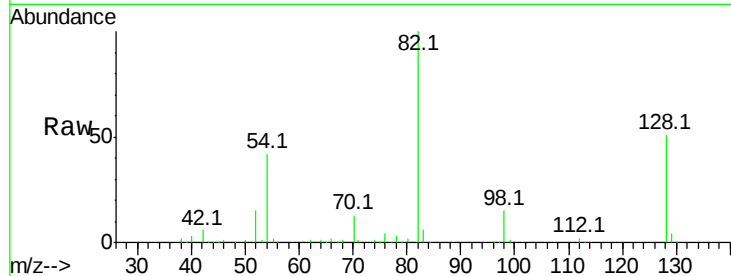




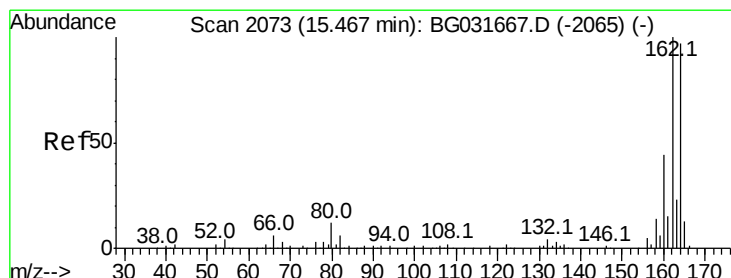
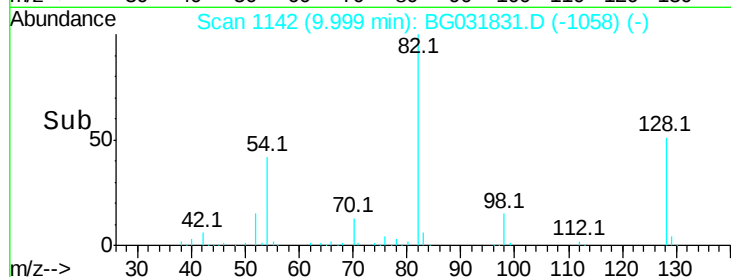
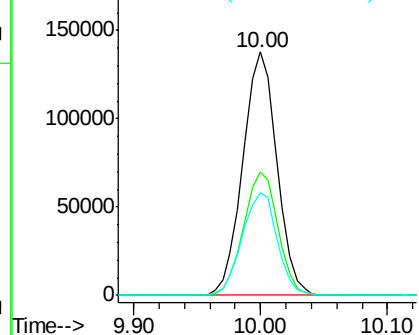
#23
Nitrobenzene-d5
Concen: 105.954 ng
RT: 10.00 min Scan# 1142
Delta R.T. -0.04 min
Lab File: BG031831.D
Acq: 28 Dec 2017 18:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 256852
Ion Ratio Lower Upper
82 100
128 50.8 29.7 44.5#
54 42.4 43.1 64.7#

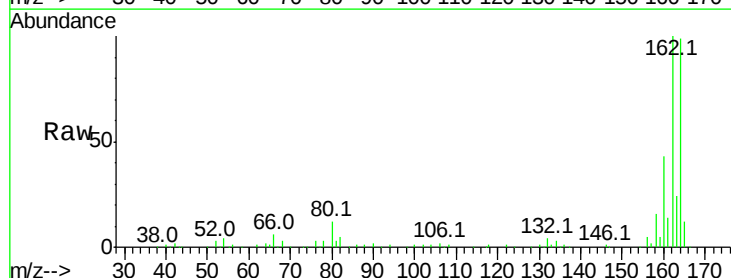


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

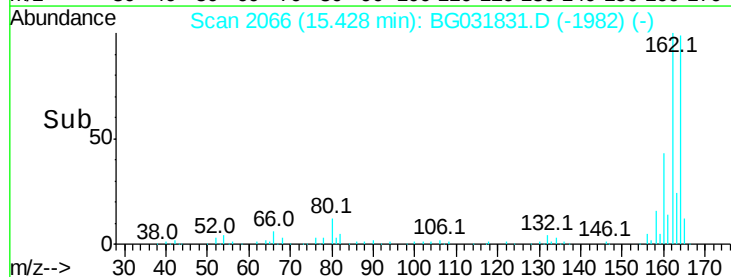
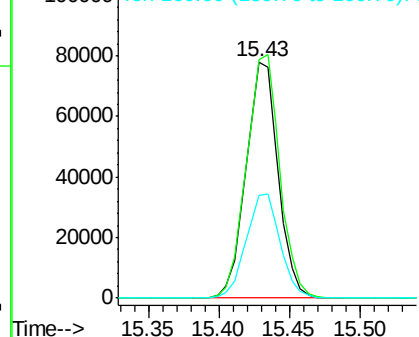


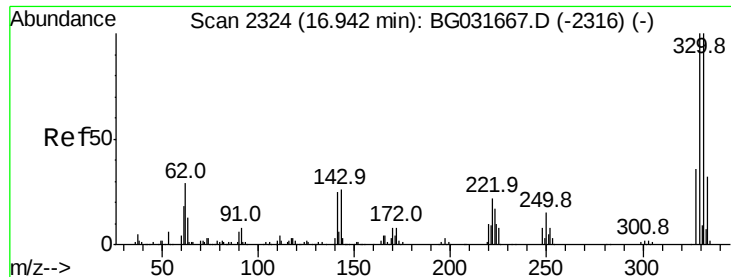
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.43 min Scan# 2066
Delta R.T. -0.04 min
Lab File: BG031831.D
Acq: 28 Dec 2017 18:49

Tgt Ion:164 Resp: 123629
Ion Ratio Lower Upper
164 100
162 101.2 78.8 118.2
160 43.8 35.4 53.0



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

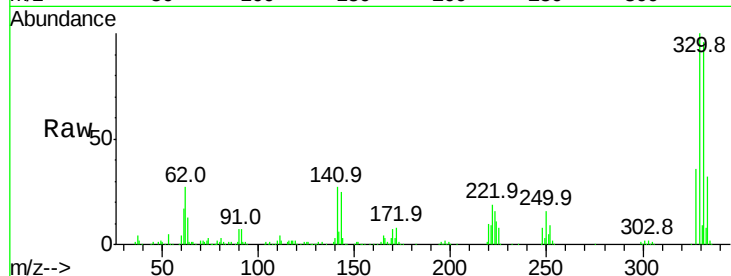




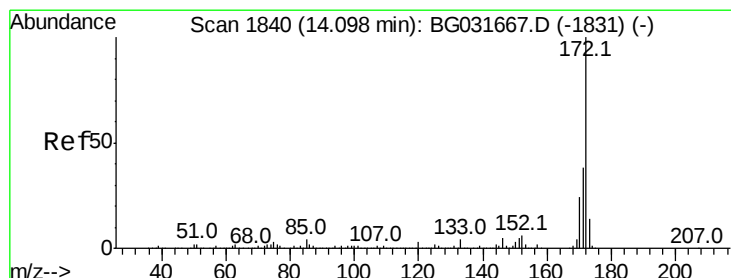
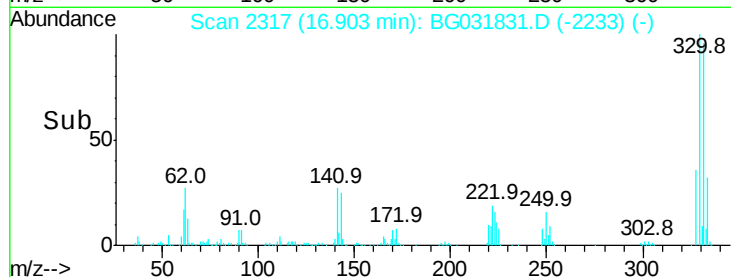
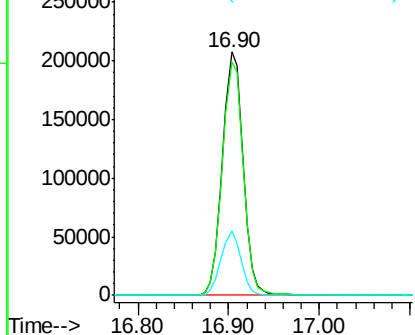
#41
 2,4,6-Tribromophenol
 Concen: 174.934 ng
 RT: 16.90 min Scan# 2317
 Delta R.T. -0.04 min
 Lab File: BG031831.D
 Acq: 28 Dec 2017 18:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	25.7	25.2	37.8

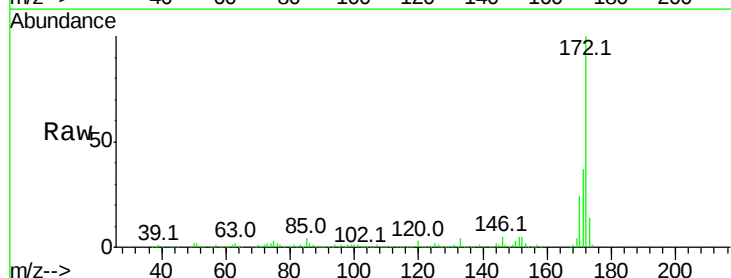


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

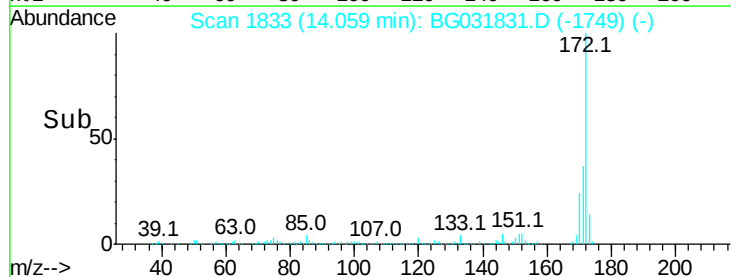
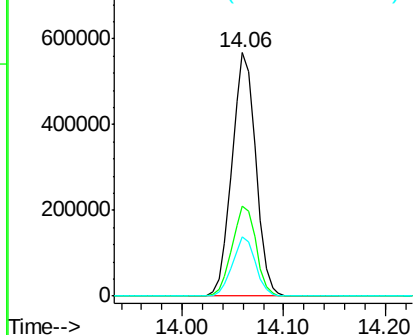


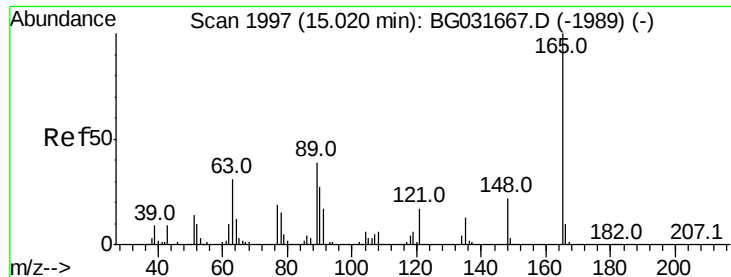
#44
 2-Fluorobiphenyl
 Concen: 93.682 ng
 RT: 14.06 min Scan# 1833
 Delta R.T. -0.04 min
 Lab File: BG031831.D
 Acq: 28 Dec 2017 18:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.0	45.0
170	24.4	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

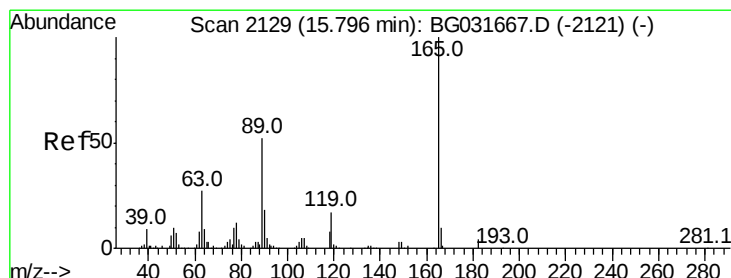
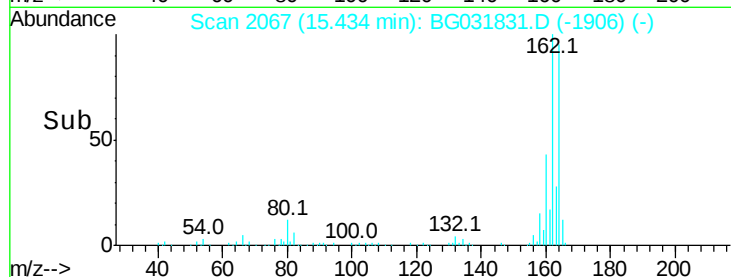
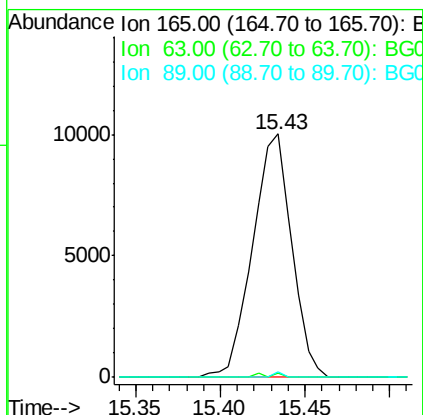
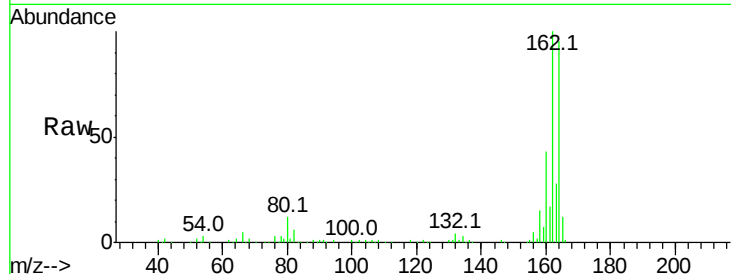




#50
2,6-Dinitrotoluene
Concen: 7.999 ng
RT: 15.43 min Scan# 2067
Delta R.T. 0.41 min
Lab File: BG031831.D
Acq: 28 Dec 2017 18:49

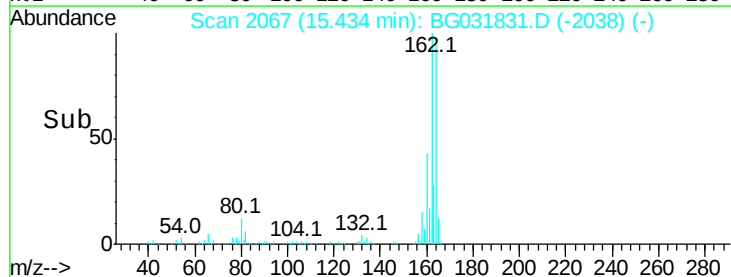
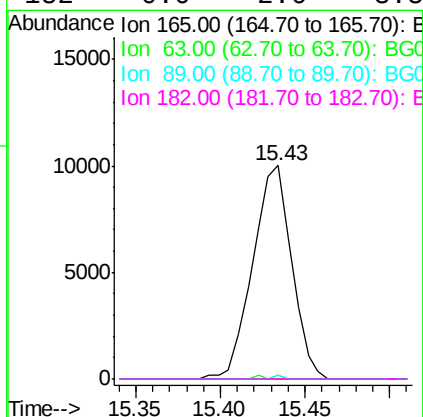
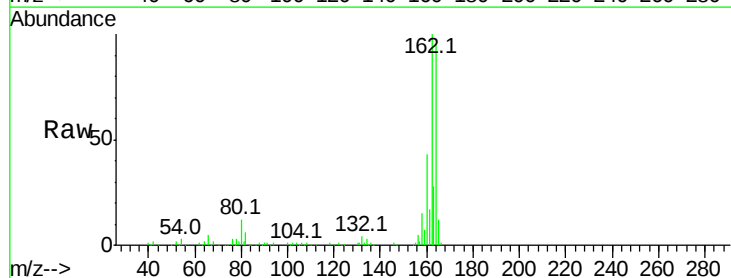
Instrument :
BNA_G
ClientSampleId :

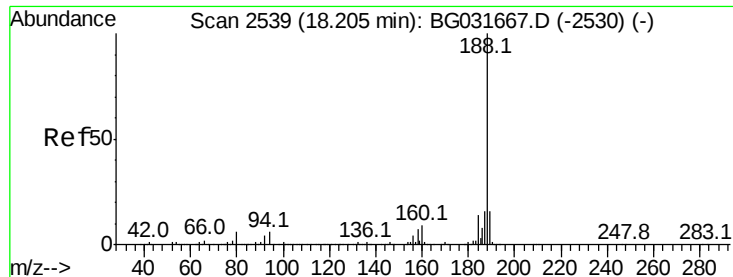
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.0	52.7	79.1#
89	2.0	49.2	73.8#



#56
2,4-Dinitrotoluene
Concen: 6.221 ng
RT: 15.43 min Scan# 2067
Delta R.T. -0.36 min
Lab File: BG031831.D
Acq: 28 Dec 2017 18:49

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	42.0	63.0#
89	2.0	66.9	100.3#
182	0.0	2.6	3.8#

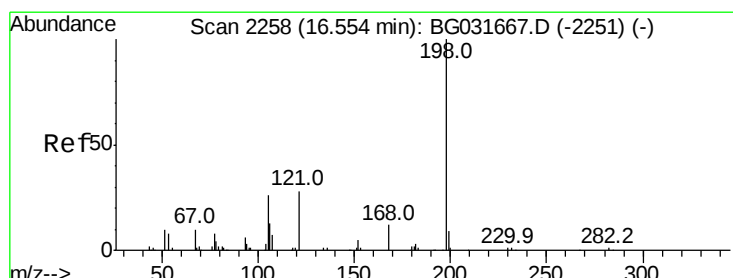
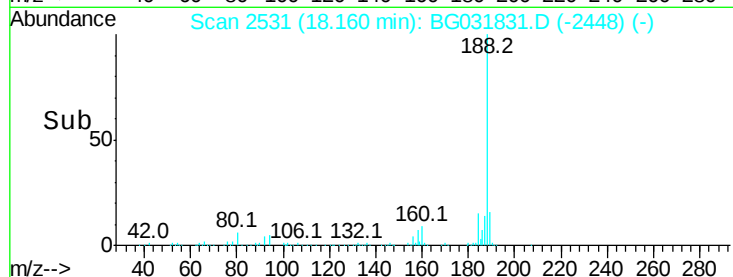
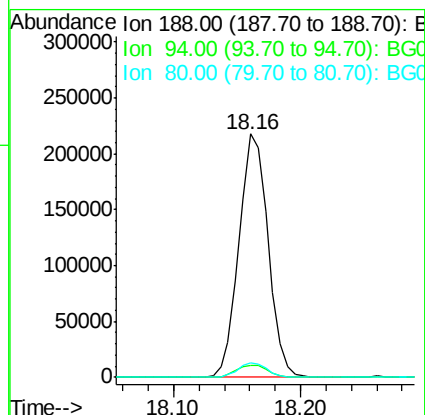
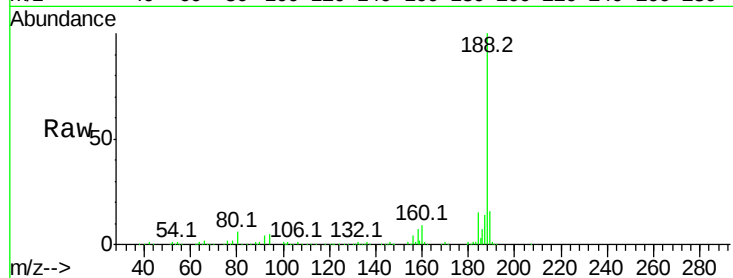




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.16 min Scan# 2531
Delta R.T. -0.04 min
Lab File: BG031831.D
Acq: 28 Dec 2017 18:49

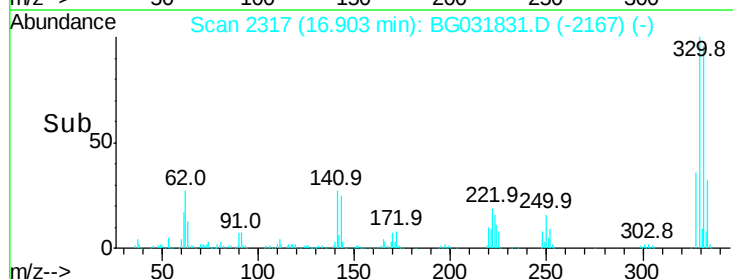
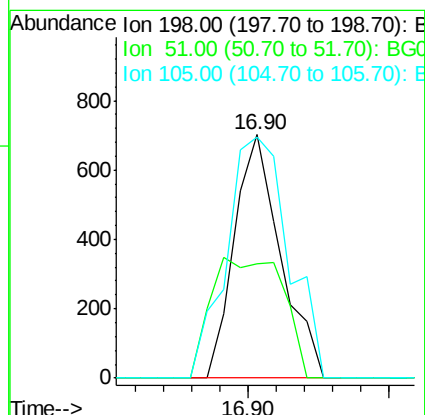
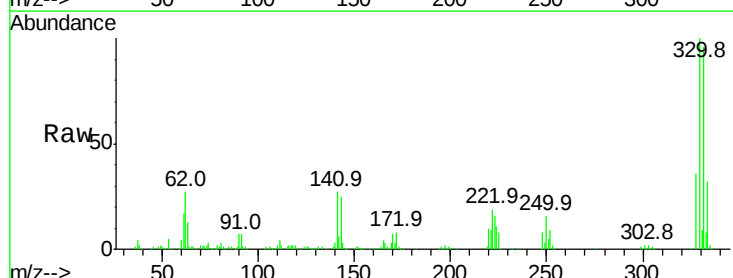
Instrument :
BNA_G
ClientSampled :

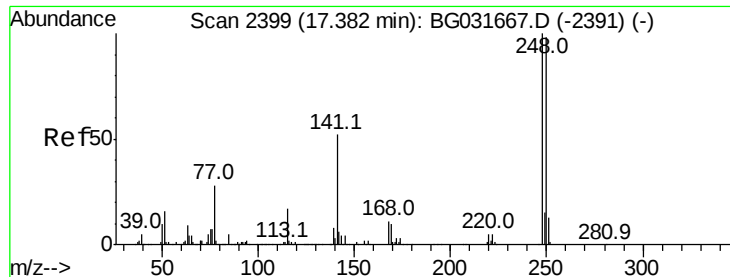
Tot Ion:188 Resp: 346377
Ion Ratio Lower Upper
188 100
94 5.1 6.9 10.3#
80 6.1 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 8.696 ng
RT: 16.90 min Scan# 2317
Delta R.T. 0.35 min
Lab File: BG031831.D
Acq: 28 Dec 2017 18:49

Tgt Ion:198 Resp: 796
Ion Ratio Lower Upper
198 100
51 46.7 30.6 70.6
105 99.1 23.8 63.8#

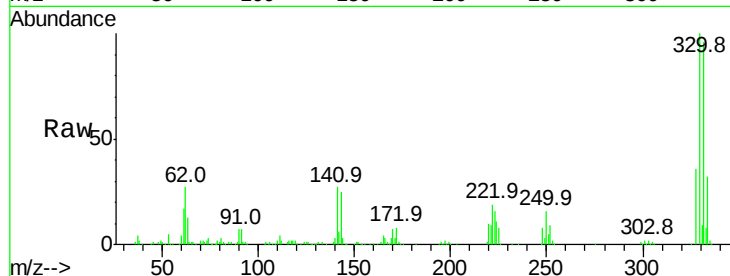




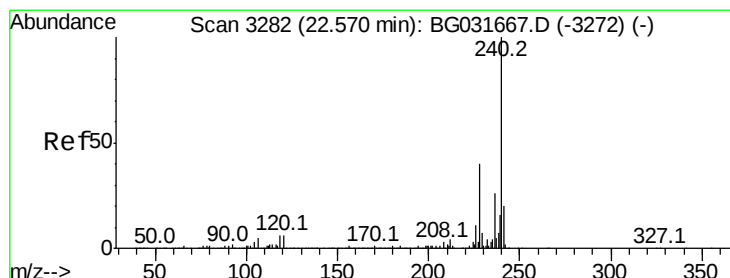
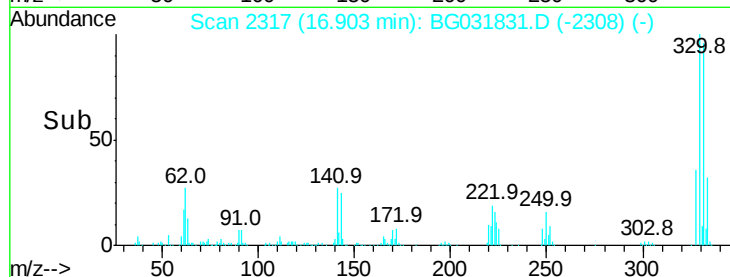
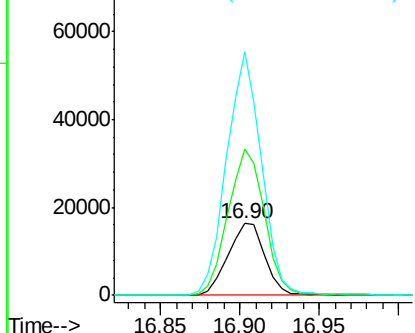
#66
4-Bromophenyl-phenylether
Concen: 5.258 ng
RT: 16.90 min Scan# 2317
Delta R.T. -0.48 min
Lab File: BG031831.D
Acq: 28 Dec 2017 18:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 26337
Ion Ratio Lower Upper
248 100
250 203.8 77.1 115.7#
141 338.0 50.8 76.2#

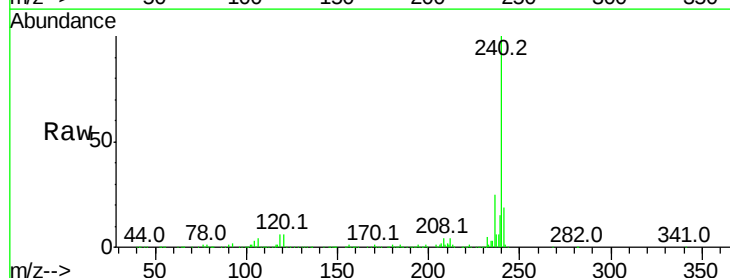


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

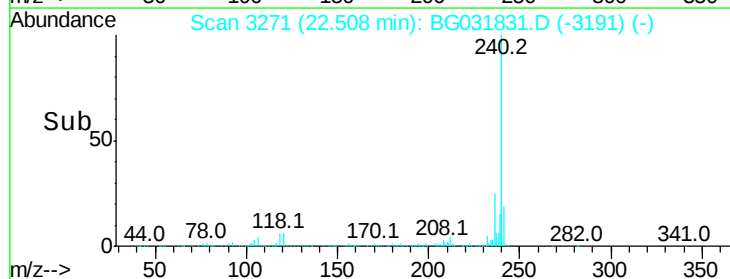
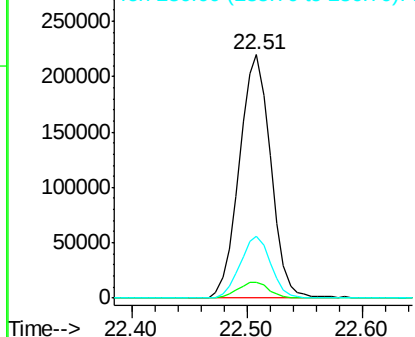


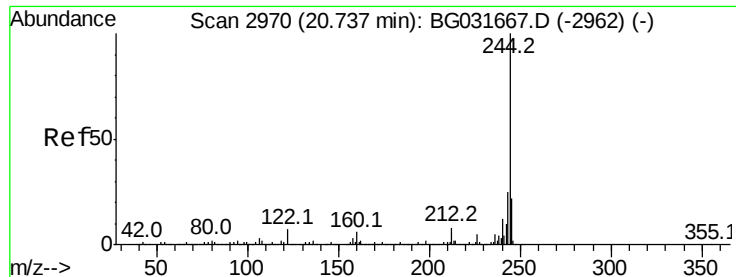
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.51 min Scan# 3271
Delta R.T. -0.06 min
Lab File: BG031831.D
Acq: 28 Dec 2017 18:49

Tgt Ion:240 Resp: 414887
Ion Ratio Lower Upper
240 100
120 6.4 6.8 10.2#
236 25.4 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

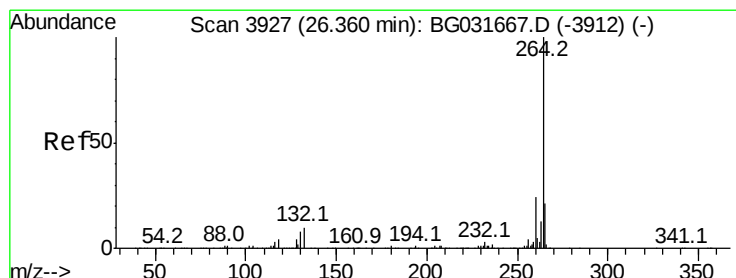
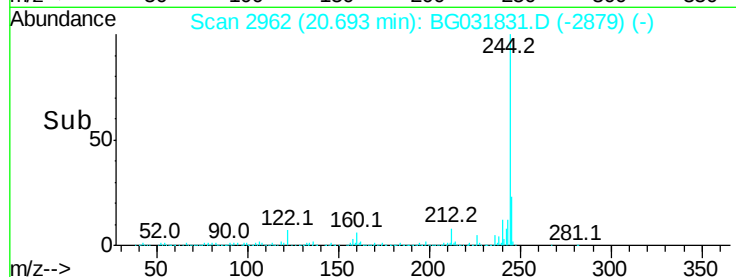
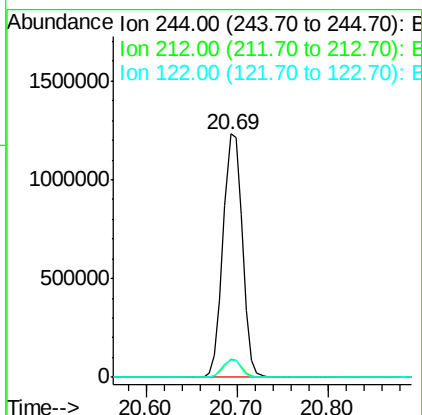
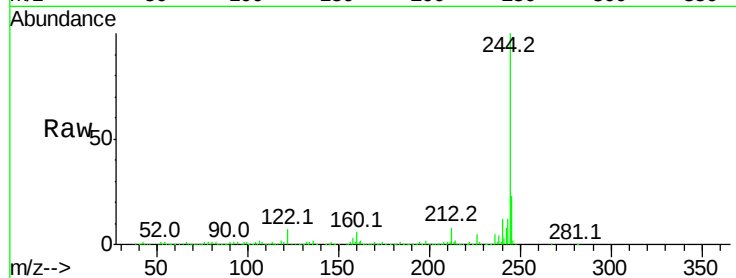




#78
 Terphenyl-d14
 Concen: 99.873 ng
 RT: 20.69 min Scan# 2962
 Delta R.T. -0.04 min
 Lab File: BG031831.D
 Acq: 28 Dec 2017 18:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1813662
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.8
 122 7.2 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.26 min Scan# 3909
 Delta R.T. -0.10 min
 Lab File: BG031831.D
 Acq: 28 Dec 2017 18:49

Tgt Ion:264 Resp: 410351
 Ion Ratio Lower Upper
 264 100
 260 22.7 17.4 26.0
 265 23.0 17.7 26.5

