

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122717\
 Data File : BG031817.D
 Acq On : 28 Dec 2017 4:41
 Operator : SJ/JU
 Sample : I7010-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 28 07:23:39 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

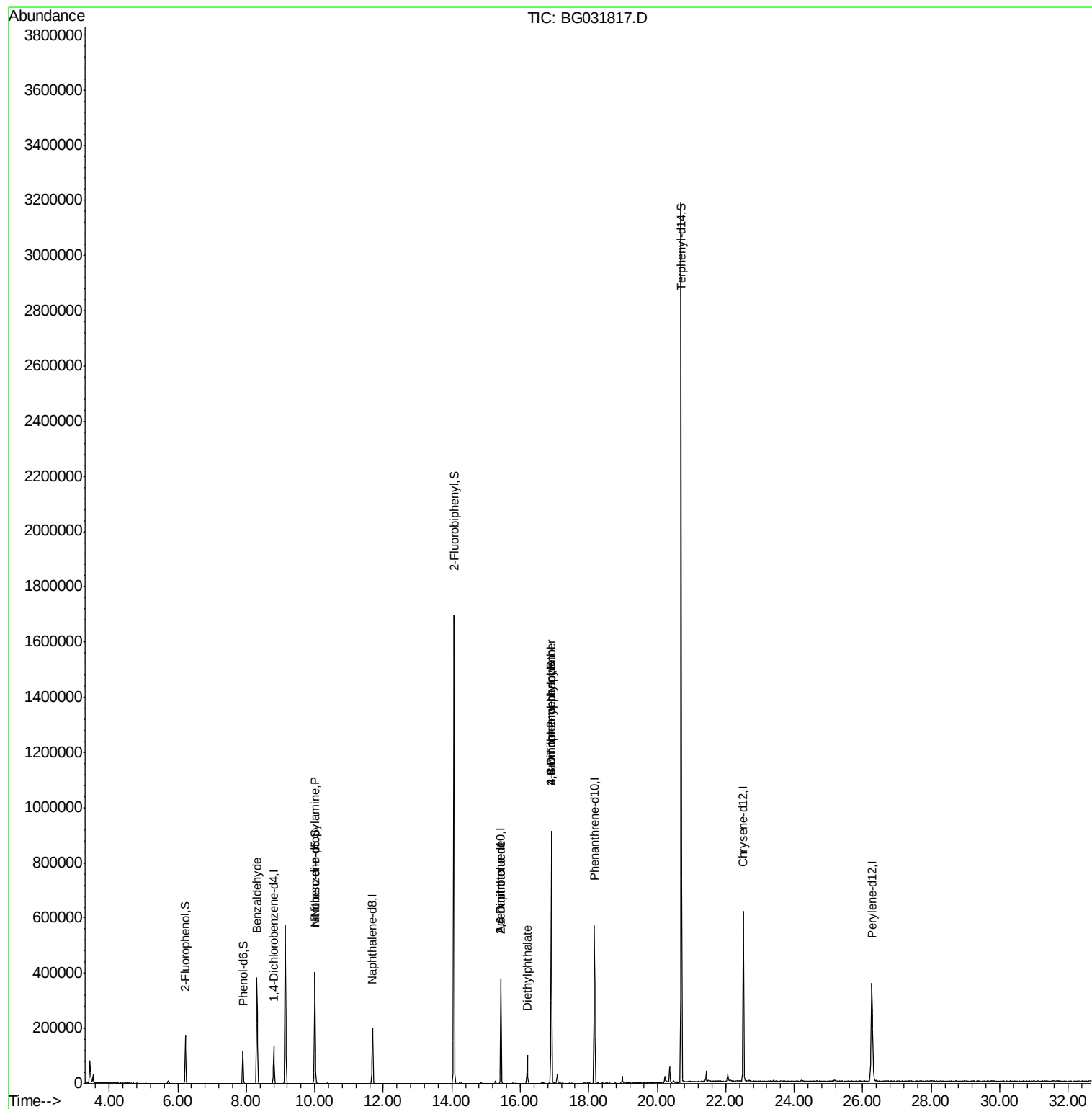
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.80	152	47260	20.00	ng	-0.03
21) Naphthalene-d8	11.69	136	201016	20.00	ng	-0.03
38) Acenaphthene-d10	15.43	164	145445	20.00	ng	-0.03
63) Phenanthrene-d10	18.16	188	388266	20.00	ng	-0.04
75) Chrysene-d12	22.51	240	466752	20.00	ng	-0.06
86) Perylene-d12	26.27	264	496638	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	98876	38.11	ng	-0.03
7) Phenol-d6	7.90	99	80270	23.83	ng	-0.03
23) Nitrobenzene-d5	10.00	82	265838	99.86	ng	-0.03
41) 2,4,6-Tribromophenol	16.91	330	227016	102.29	ng	-0.03
44) 2-Fluorobiphenyl	14.06	172	1017890	87.84	ng	-0.03
78) Terphenyl-d14	20.70	244	1781714	87.21	ng	-0.04
Target Compounds						
9) Benzaldehyde	8.31	77	4447	2.192	ng	# 82
19) n-Nitroso-di-n-propylamine	10.00	70	34440	14.969	ng	# 70
50) 2,6-Dinitrotoluene	15.43	165	18524	7.859	ng	# 20
56) 2,4-Dinitrotoluene	15.43	165	18524	6.112	ng	# 17
59) Diethylphthalate	16.20	149	66502	5.325	ng	# 99
64) 4,6-Dinitro-2-methylphenol	16.91	198	563	8.552	ng	# 5
66) 4-Bromophenyl-phenylether	16.91	248	17784	3.167	ng	# 1

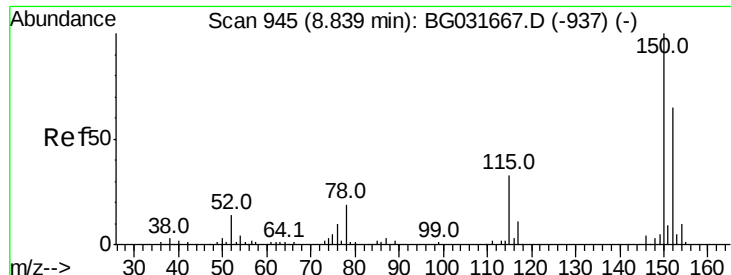
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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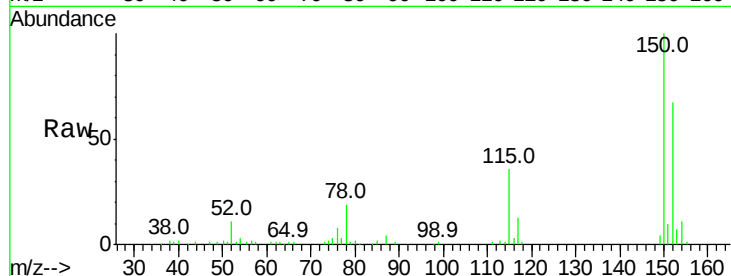


#1

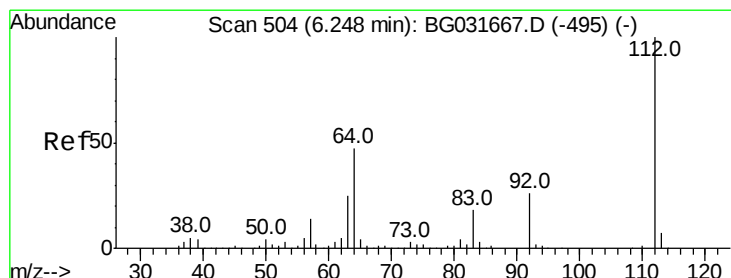
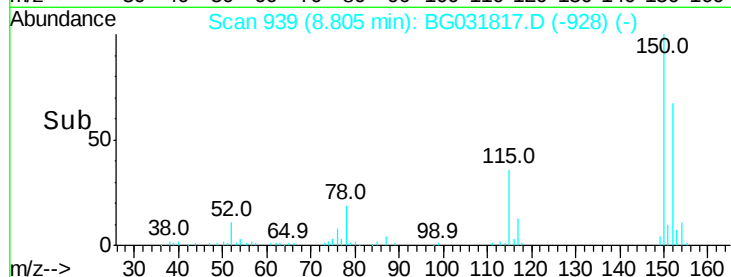
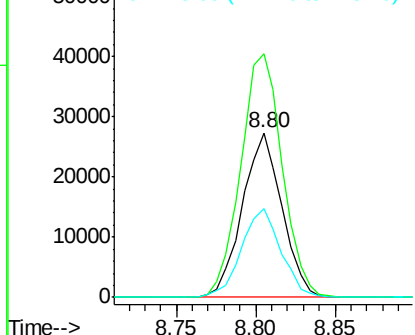
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.80 min Scan# 939
Delta R.T. -0.03 min
Lab File: BG031817.D
Acq: 28 Dec 2017 4:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 47260
Ion Ratio Lower Upper
152 100
150 148.2 126.6 189.8
115 53.8 53.0 79.4



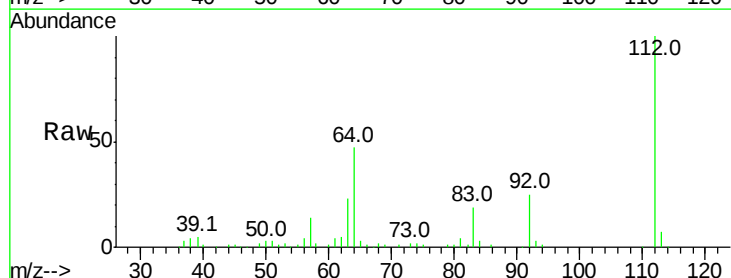
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



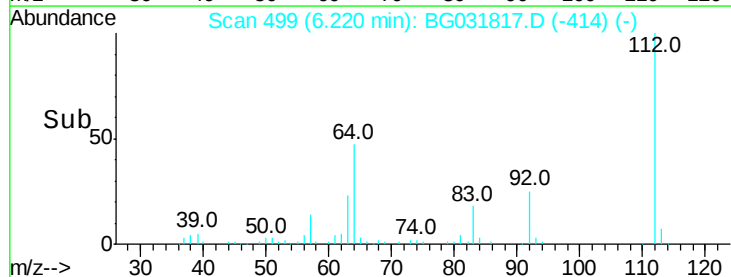
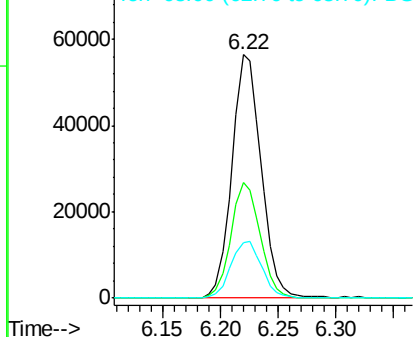
#5

2-Fluorophenol
Concen: 38.106 ng
RT: 6.22 min Scan# 499
Delta R.T. -0.03 min
Lab File: BG031817.D
Acq: 28 Dec 2017 4:41

Tgt Ion:112 Resp: 98876
Ion Ratio Lower Upper
112 100
64 47.4 56.3 84.5#
63 22.7 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: 23.827 ng

RT: 7.90 min Scan# 785

Delta R.T. -0.03 min

Lab File: BG031817.D

Acq: 28 Dec 2017 4:41

Instrument :

BNA_G

ClientSampleId :

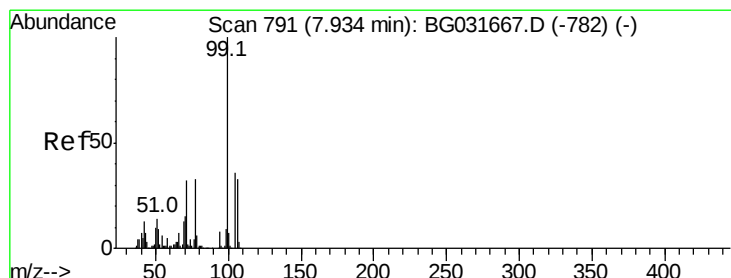
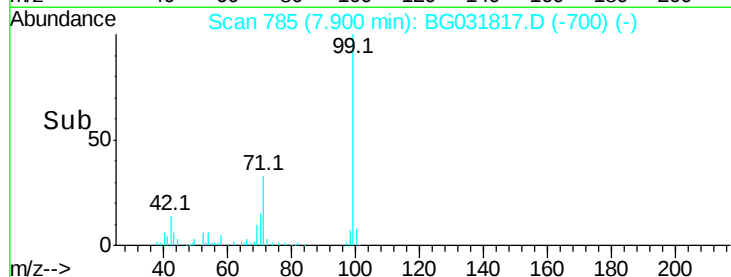
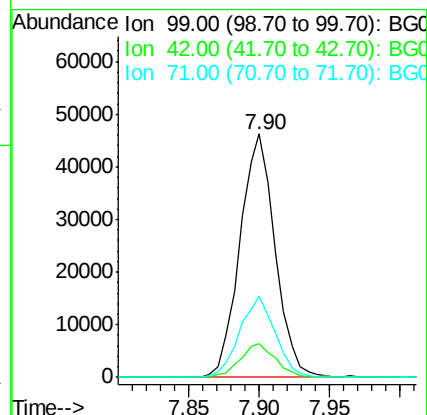
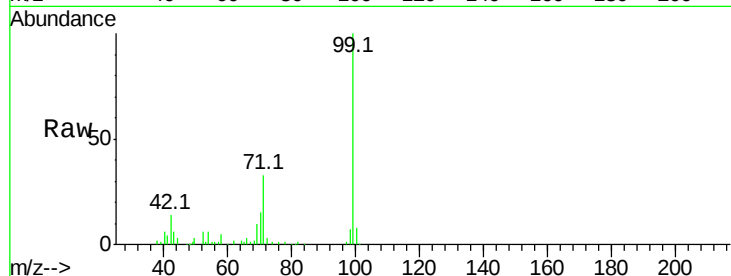
Tot Ion: 99 Resp: 80270

Ion Ratio Lower Upper

99 100

42 13.6 14.1 21.1#

71 33.5 26.1 39.1



#9

Benzaldehyde

Concen: 2.192 ng

RT: 8.31 min Scan# 854

Delta R.T. 0.37 min

Lab File: BG031817.D

Acq: 28 Dec 2017 4:41

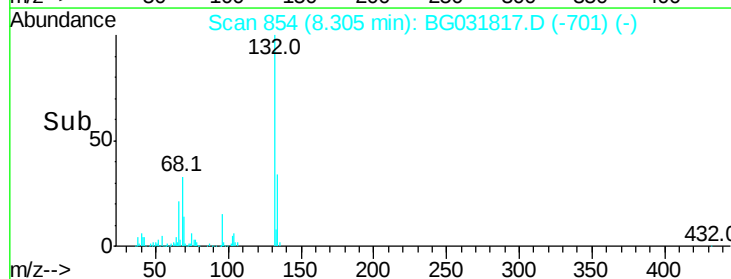
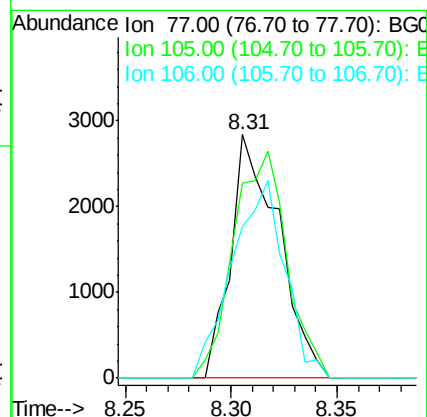
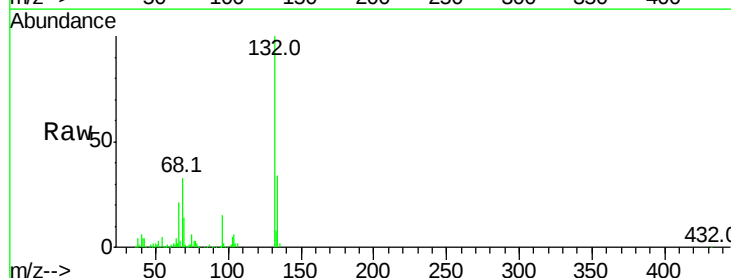
Tgt Ion: 77 Resp: 4447

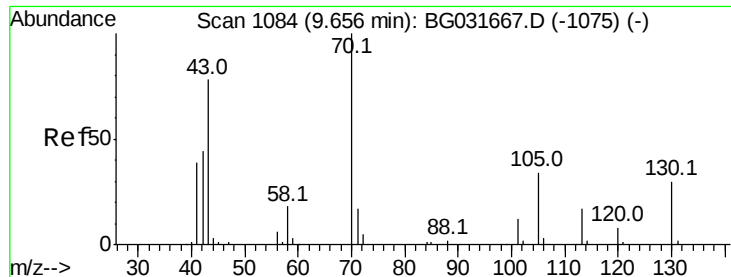
Ion Ratio Lower Upper

77 100

105 80.0 71.3 111.3

106 62.1 64.2 104.2#





#19

n-Nitroso-di-n-propylamine

Concen: 14.969 ng

RT: 10.00 min Scan# 1143

Delta R.T. 0.35 min

Lab File: BG031817.D

Acq: 28 Dec 2017 4:41

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 34440

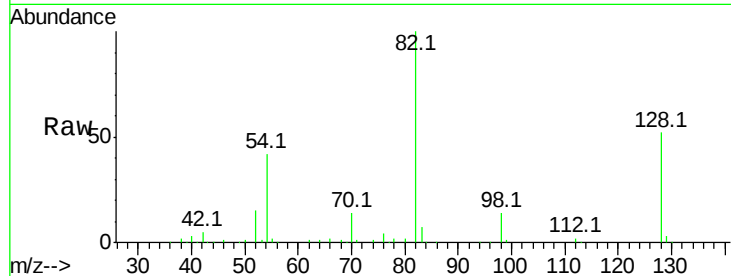
Ion Ratio Lower Upper

70 100

42 38.9 49.1 73.7#

101 0.0 8.5 12.7#

130 2.6 13.4 20.0#



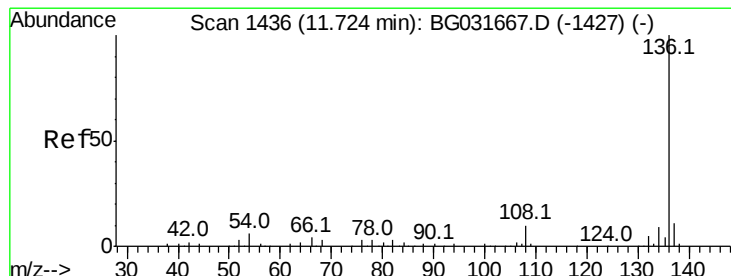
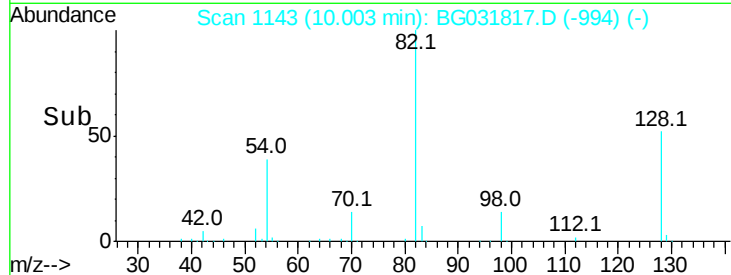
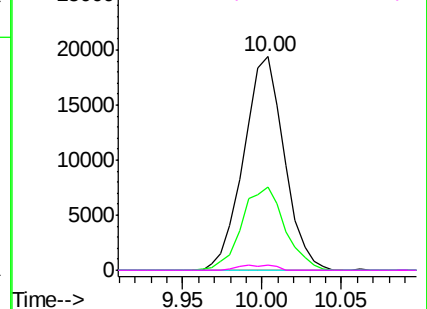
Abundance

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: 11.69 min Scan# 1430

Delta R.T. -0.03 min

Lab File: BG031817.D

Acq: 28 Dec 2017 4:41

Tgt Ion: 136 Resp: 201016

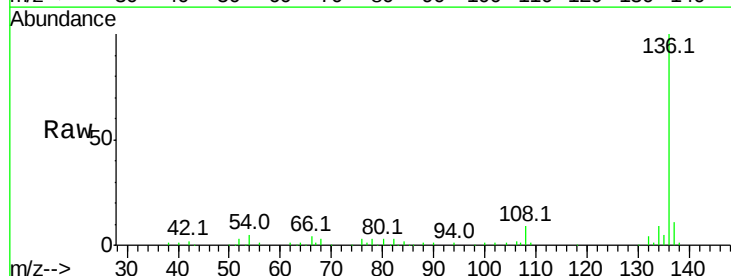
Ion Ratio Lower Upper

136 100

137 11.0 9.2 13.8

54 4.9 10.3 15.5#

68 3.4 4.5 6.7#



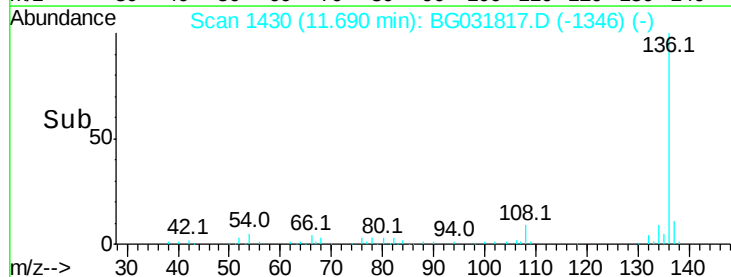
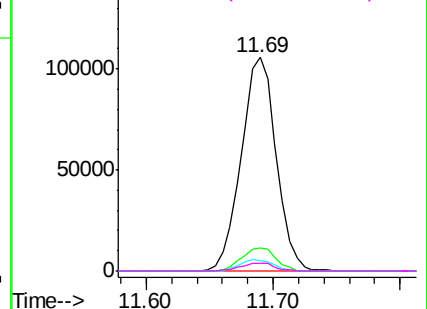
Abundance

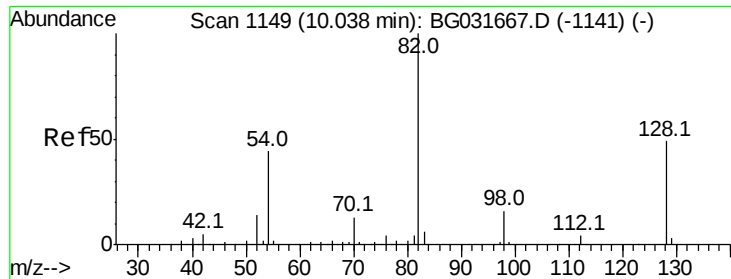
Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC





#23

Nitrobenzene-d5

Concen: 99.863 ng

RT: 10.00 min Scan# 1143

Delta R.T. -0.03 min

Lab File: BG031817.D

Acq: 28 Dec 2017 4:41

Instrument :

BNA_G

ClientSampleId :

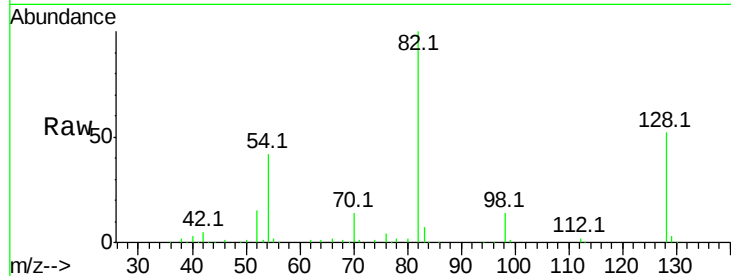
Tot Ion: 82 Resp: 265838

Ion Ratio Lower Upper

82 100

128 52.4 29.7 44.5#

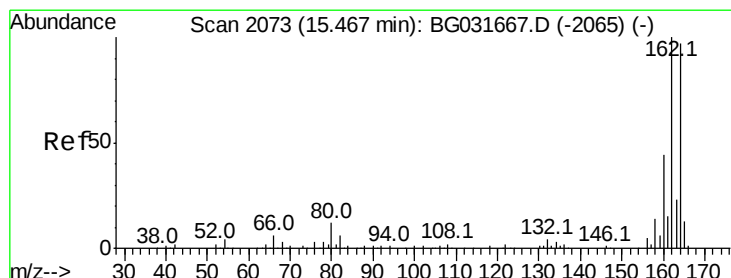
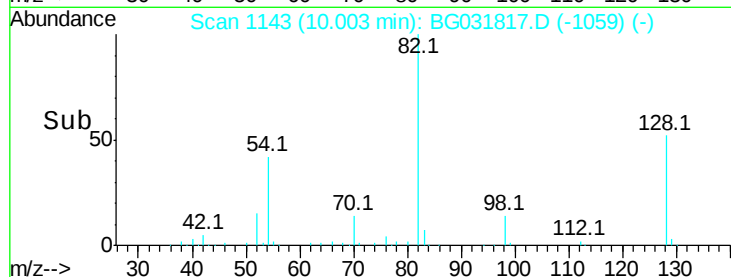
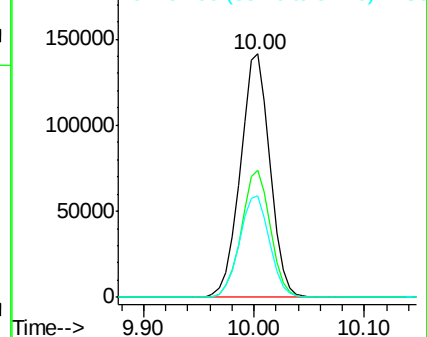
54 41.5 43.1 64.7#



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# 2067

Delta R.T. -0.03 min

Lab File: BG031817.D

Acq: 28 Dec 2017 4:41

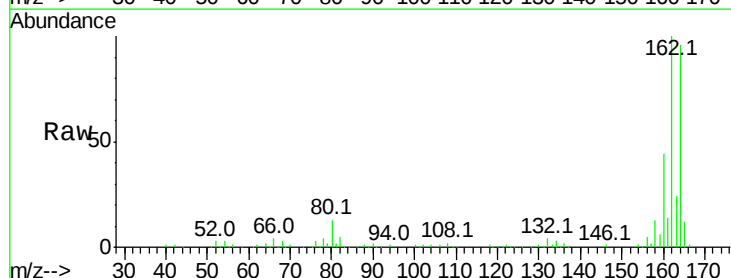
Tgt Ion:164 Resp: 145445

Ion Ratio Lower Upper

164 100

162 104.0 78.8 118.2

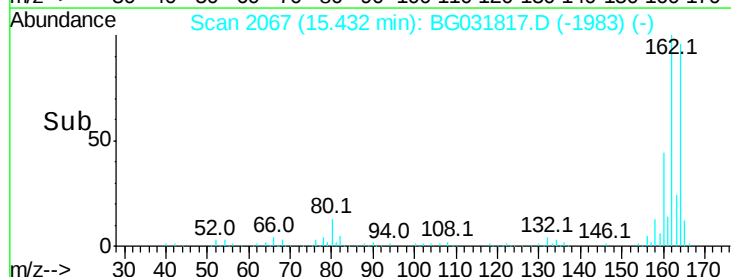
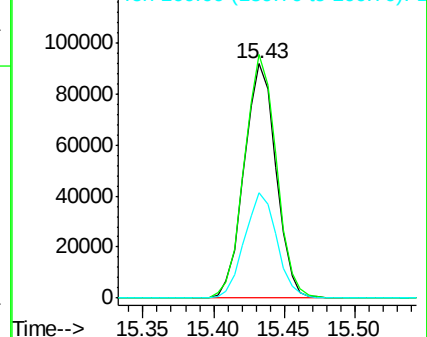
160 45.3 35.4 53.0

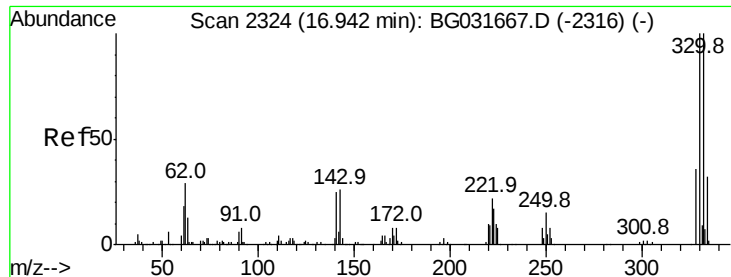


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

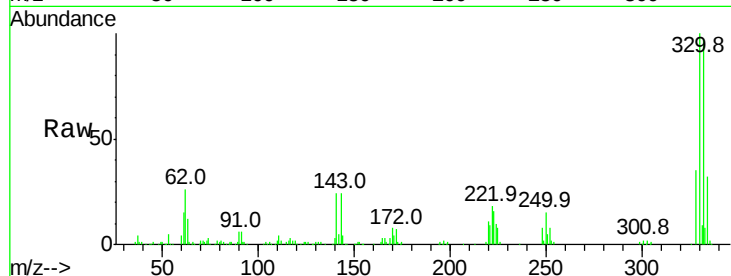




#41
 2,4,6-Tribromophenol
 Concen: 102.292 ng
 RT: 16.91 min Scan# 2318
 Delta R.T. -0.03 min
 Lab File: BG031817.D
 Acq: 28 Dec 2017 4:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	25.4	25.2	37.8

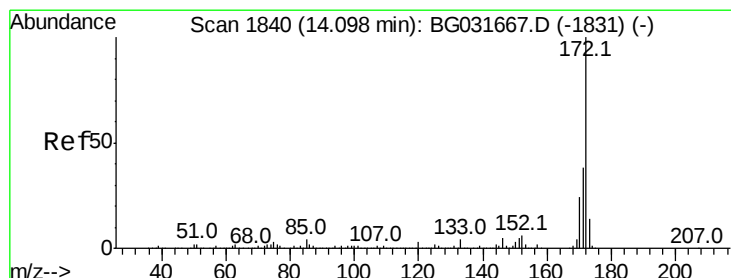
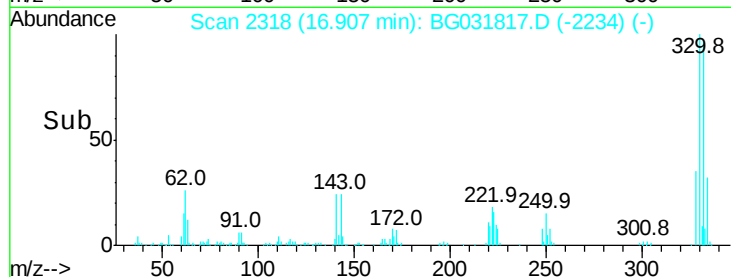
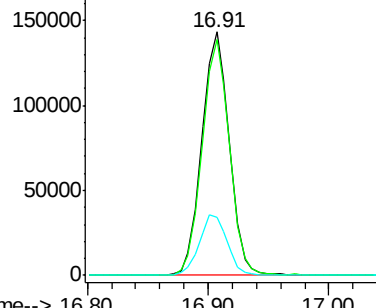


Abundance

Ion 329.80 (329.50 to 330.50): E

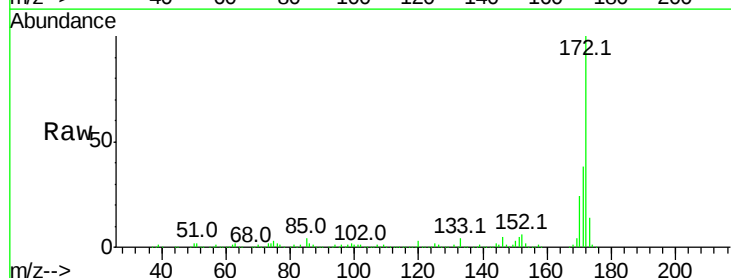
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 87.840 ng
 RT: 14.06 min Scan# 1834
 Delta R.T. -0.03 min
 Lab File: BG031817.D
 Acq: 28 Dec 2017 4:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	23.6	19.5	29.3

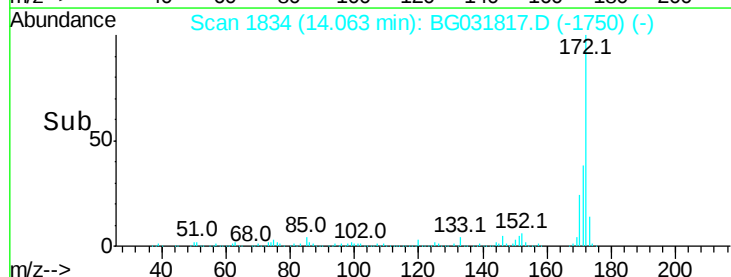
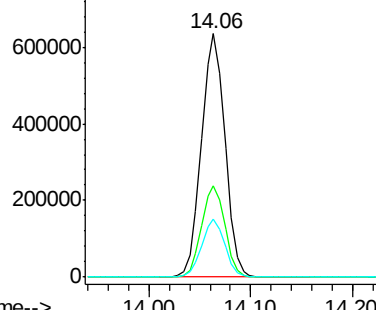


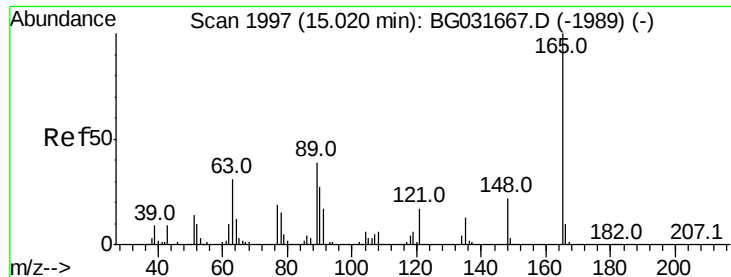
Abundance

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

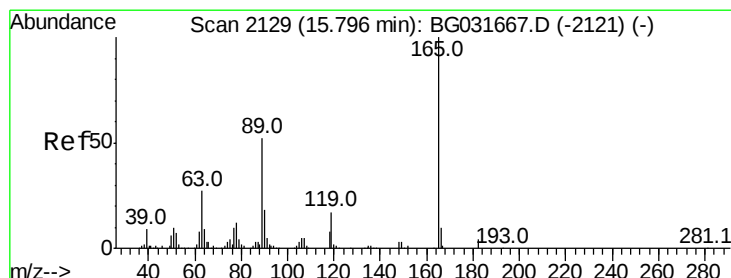
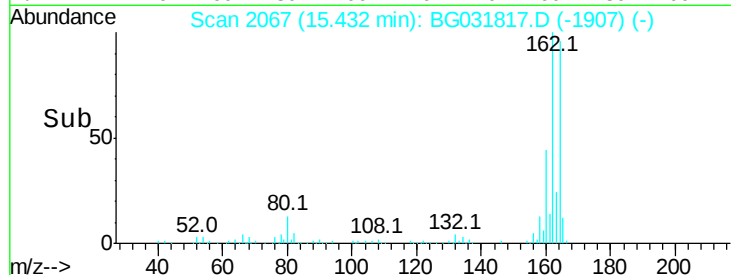
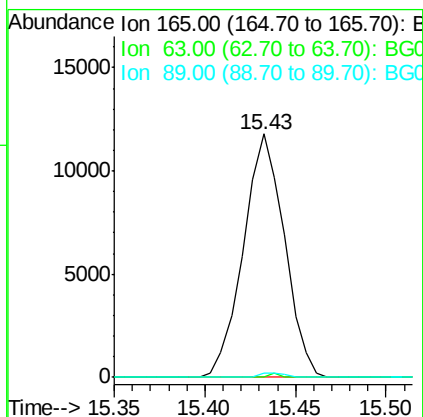
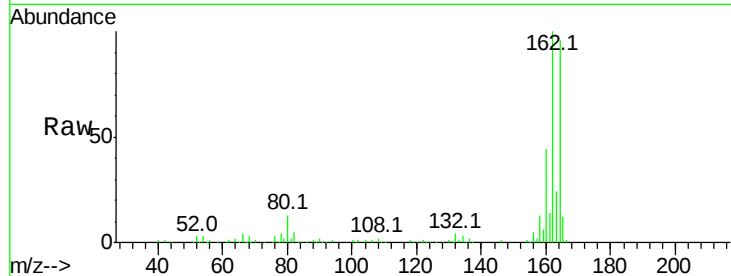




#50
2,6-Dinitrotoluene
Concen: 7.859 ng
RT: 15.43 min Scan# 2067
Delta R.T. 0.41 min
Lab File: BG031817.D
Acq: 28 Dec 2017 4:41

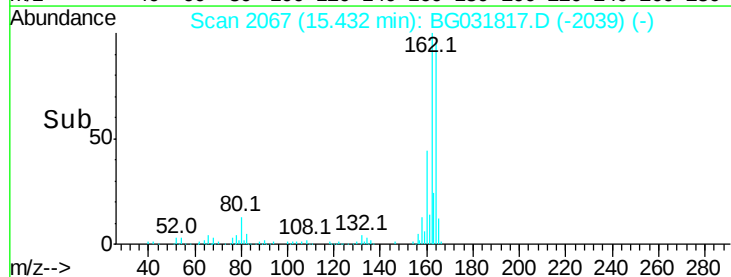
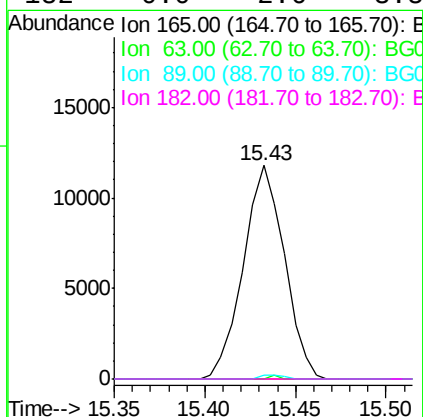
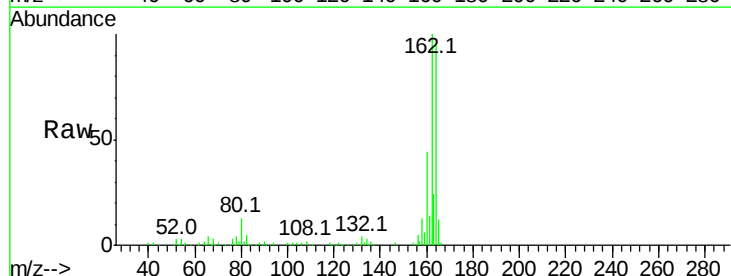
Instrument :
BNA_G
ClientSampleId :

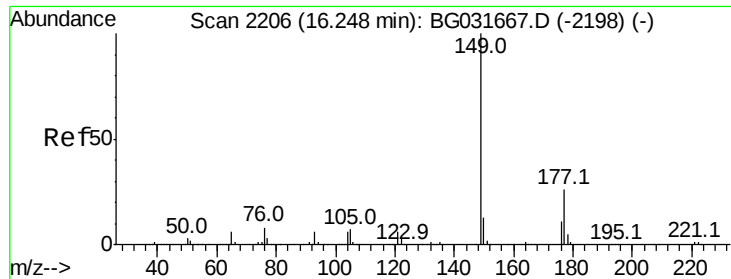
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	1.9	49.2	73.8#



#56
2,4-Dinitrotoluene
Concen: 6.112 ng
RT: 15.43 min Scan# 2067
Delta R.T. -0.36 min
Lab File: BG031817.D
Acq: 28 Dec 2017 4:41

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

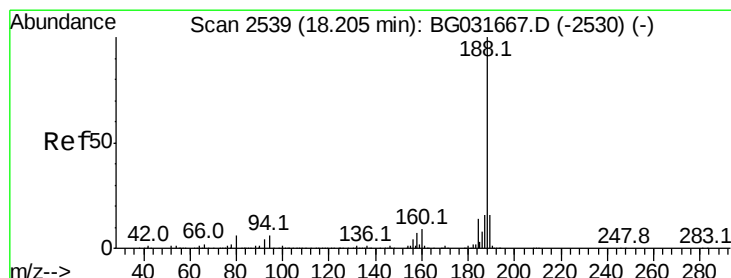
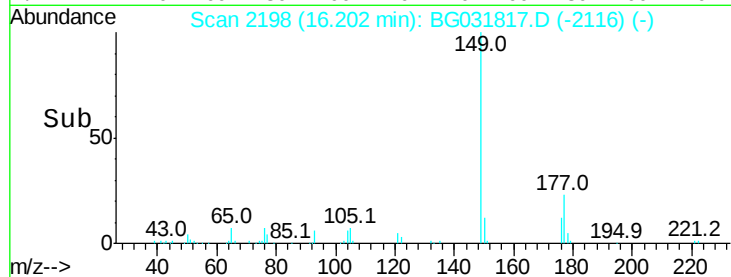
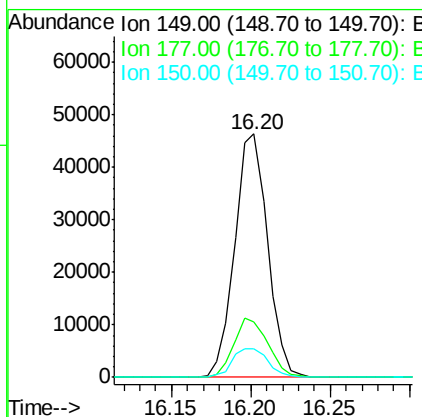
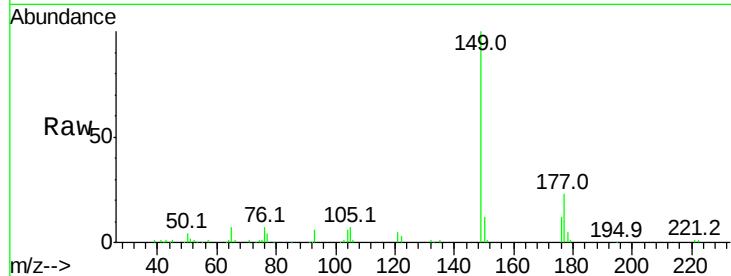




#59
Diethylphthalate
Concen: 5.325 ng
RT: 16.20 min Scan# 2198
Delta R.T. -0.05 min
Lab File: BG031817.D
Acq: 28 Dec 2017 4:41

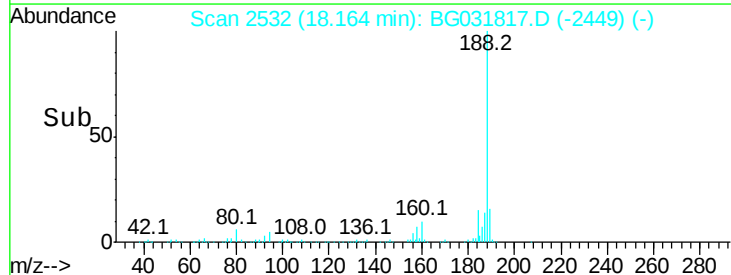
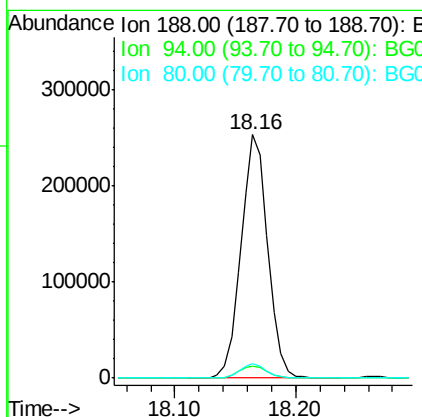
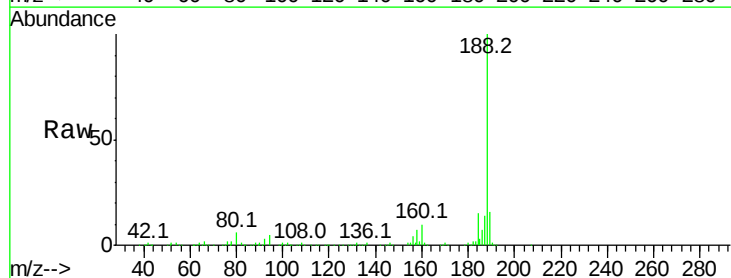
Instrument :
BNA_G
ClientSampleId :

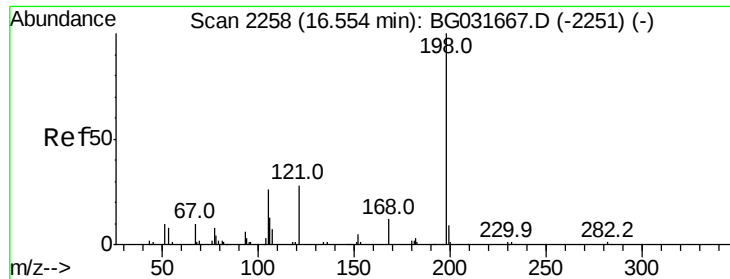
Tot Ion:149 Resp: 66502
Ion Ratio Lower Upper
149 100
177 22.8 18.5 27.7
150 11.6 10.2 15.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.16 min Scan# 2532
Delta R.T. -0.04 min
Lab File: BG031817.D
Acq: 28 Dec 2017 4:41

Tgt Ion:188 Resp: 388266
Ion Ratio Lower Upper
188 100
94 5.1 6.9 10.3#
80 5.8 7.7 11.5#

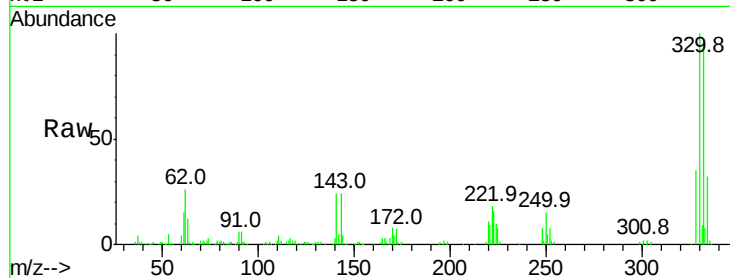




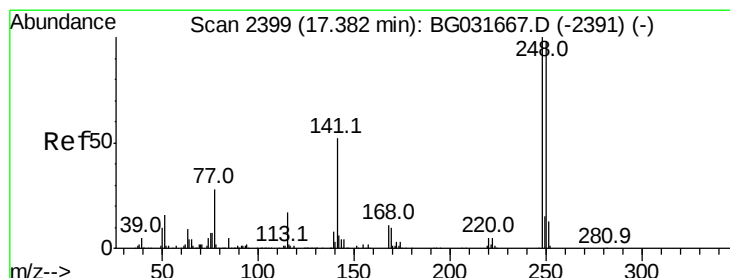
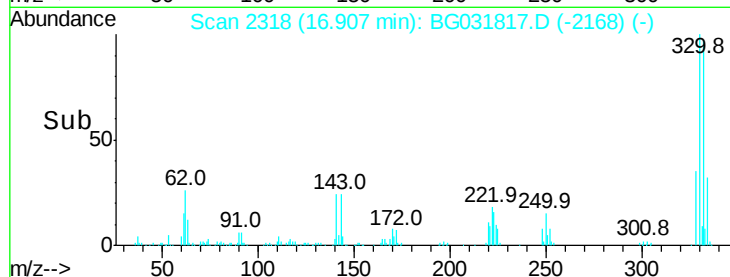
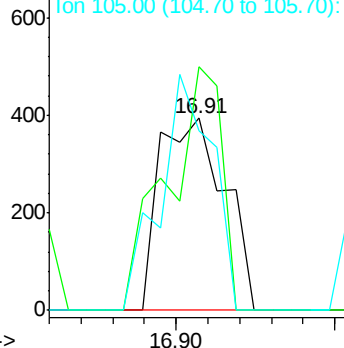
#64
4,6-Dinitro-2-methylphenol
Concen: 8.552 ng
RT: 16.91 min Scan# 2318
Delta R.T. 0.35 min
Lab File: BG031817.D
Acq: 28 Dec 2017 4:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:198 Resp: 563
Ion Ratio Lower Upper
198 100
51 126.6 30.6 70.6#
105 93.7 23.8 63.8#

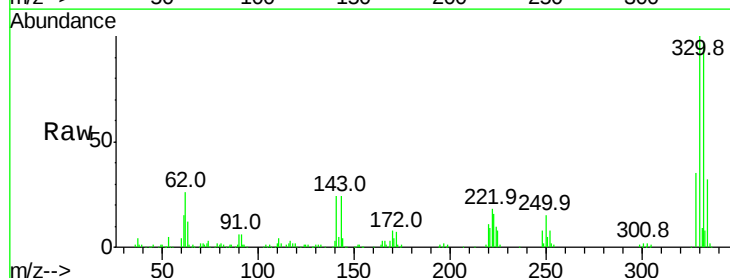


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG0
Ion 105.00 (104.70 to 105.70): E

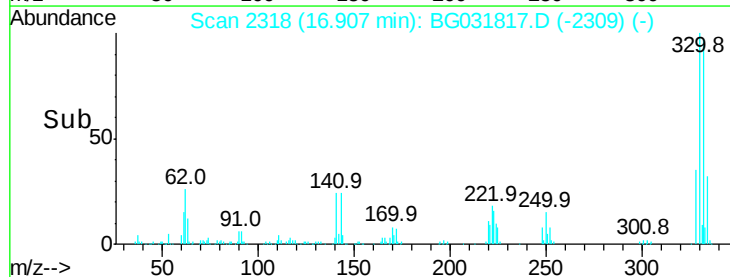
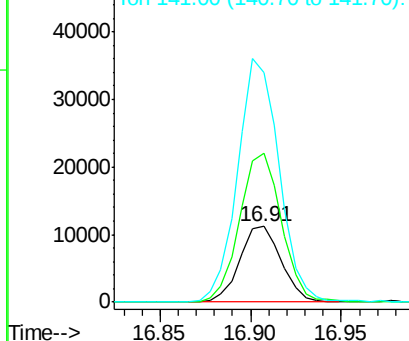


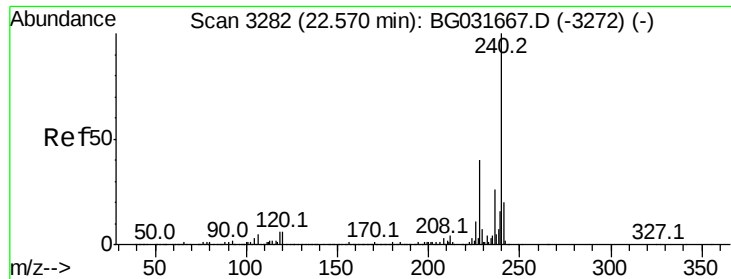
#66
4-Bromophenyl-phenylether
Concen: 3.167 ng
RT: 16.91 min Scan# 2318
Delta R.T. -0.48 min
Lab File: BG031817.D
Acq: 28 Dec 2017 4:41

Tgt Ion:248 Resp: 17784
Ion Ratio Lower Upper
248 100
250 197.3 77.1 115.7#
141 304.7 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# 3272

Delta R.T. -0.06 min

Lab File: BG031817.D

Acq: 28 Dec 2017 4:41

Instrument :

BNA_G

ClientSampleId :

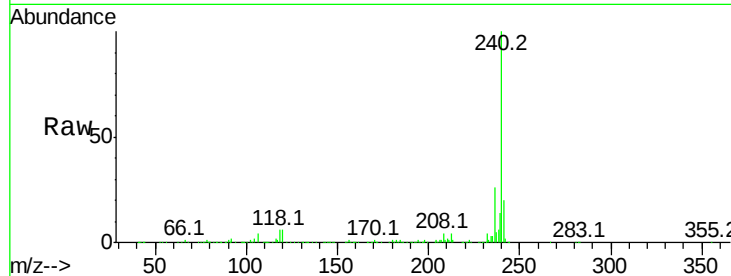
Tot Ion:240 Resp: 466752

Ion Ratio Lower Upper

240 100

120 5.9 6.8 10.2#

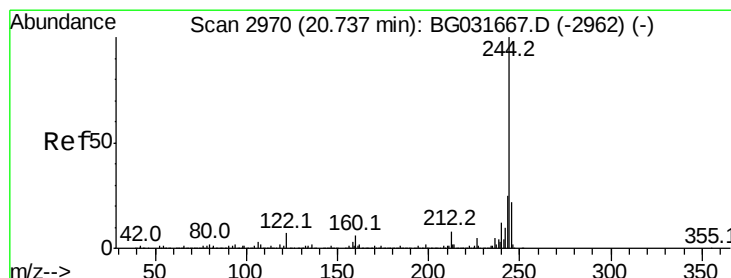
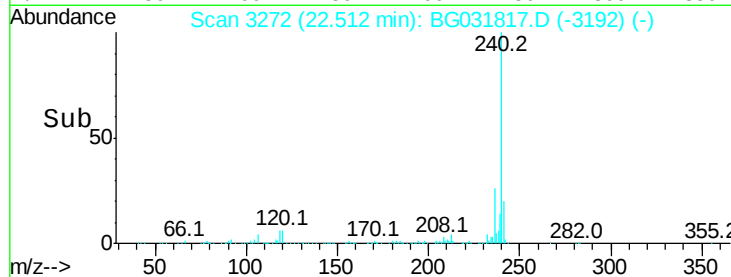
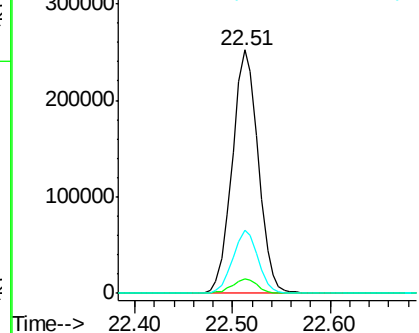
236 25.7 20.9 31.3



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: 87.211 ng

RT: 20.70 min Scan# 2963

Delta R.T. -0.04 min

Lab File: BG031817.D

Acq: 28 Dec 2017 4:41

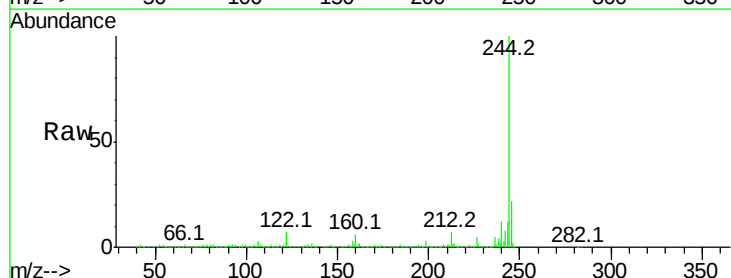
Tgt Ion:244 Resp: 1781714

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

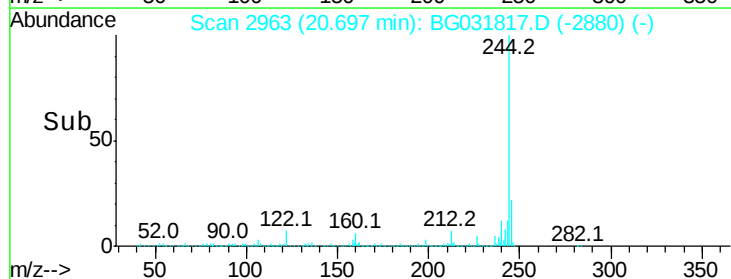
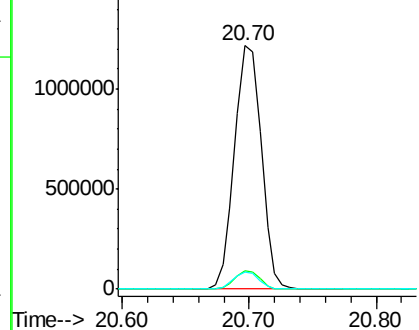
122 7.3 7.0 10.4

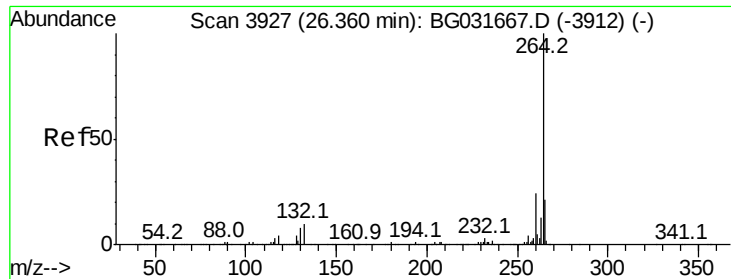


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

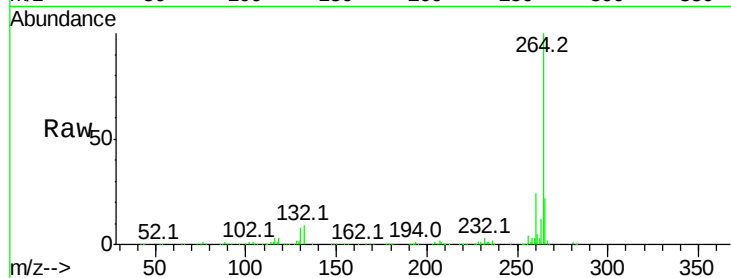




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.27 min Scan# 3911
Delta R.T. -0.09 min
Lab File: BG031817.D
Acq: 28 Dec 2017 4:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	22.4	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

