

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122117\
 Data File : BG031704.D
 Acq On : 22 Dec 2017 10:37
 Operator : SJ/JU
 Sample : I6971-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 22 11:17:20 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

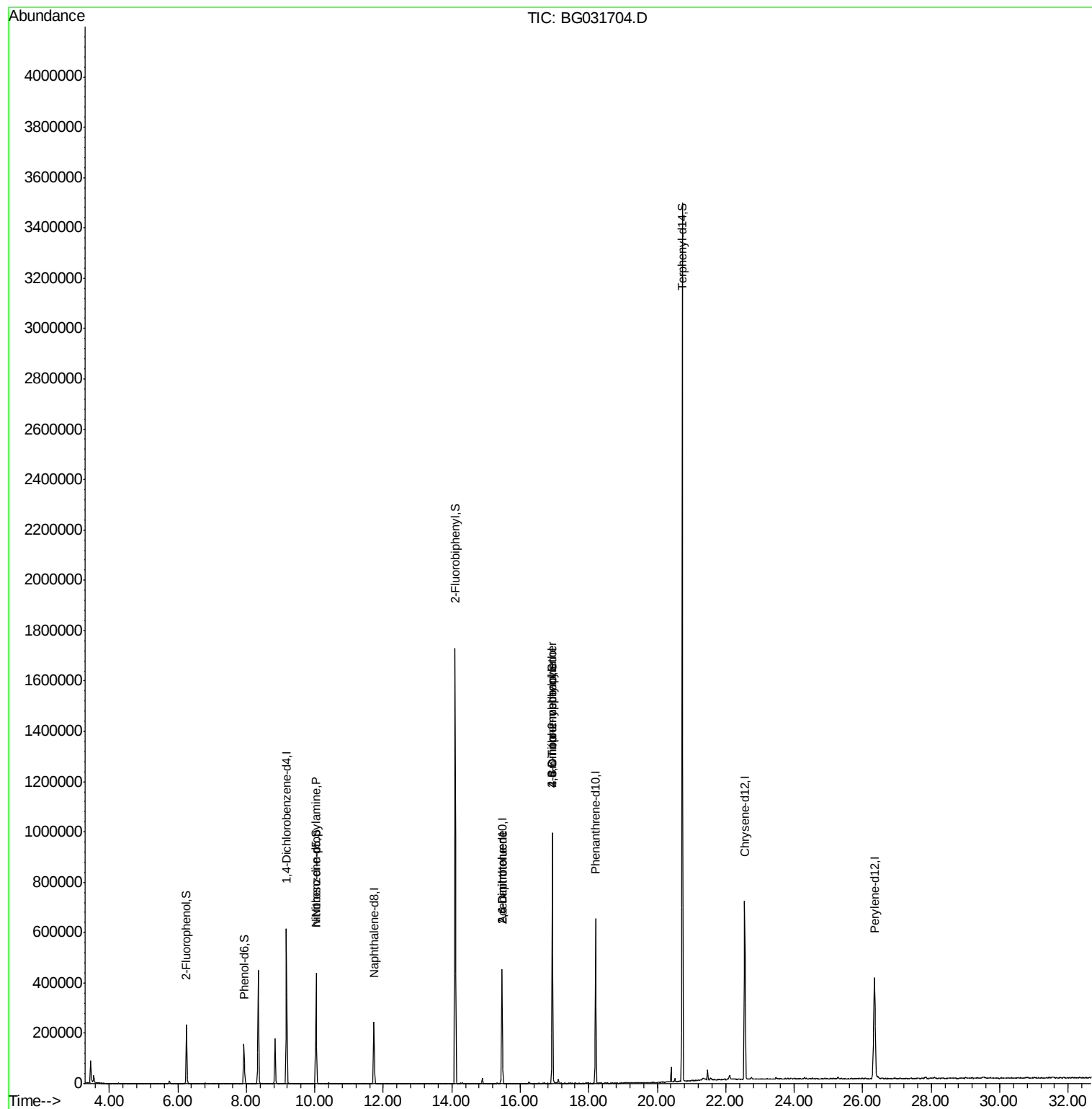
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.18	152	218527	20.00	ng	0.34
21) Naphthalene-d8	11.73	136	248511	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	176394	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	450290	20.00	ng	0.00
75) Chrysene-d12	22.55	240	546484	20.00	ng	-0.02
86) Perylene-d12	26.34	264	568535	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.26	112	130547	10.88	ng	0.00
7) Phenol-d6	7.93	99	110807	7.11	ng	0.00
23) Nitrobenzene-d5	10.04	82	287935	87.49	ng	0.00
41) 2,4,6-Tribromophenol	16.94	330	237310	88.17	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	1071054	76.21	ng	0.00
78) Terphenyl-d14	20.73	244	1881558	78.66	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.04	70	37505	3.525	ng	# 68
50) 2,6-Dinitrotoluene	15.47	165	22647	7.922	ng	# 20
56) 2,4-Dinitrotoluene	15.47	165	22647	6.161	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.94	198	372	8.446	ng	# 29
66) 4-Bromophenyl-phenylether	16.94	248	19049	2.925	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: 9.18 min Scan# 1002

Delta R.T. 0.34 min

Lab File: BG031704.D

Acq: 22 Dec 2017 10:37

Instrument :

BNA_G

ClientSampled :

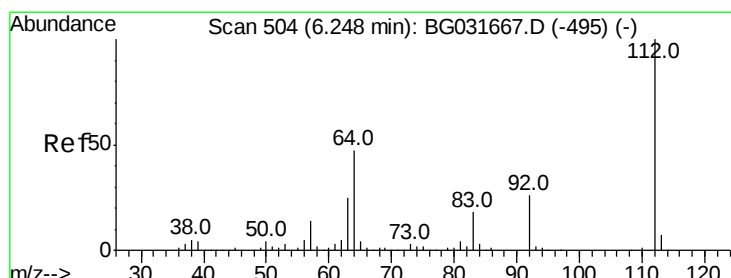
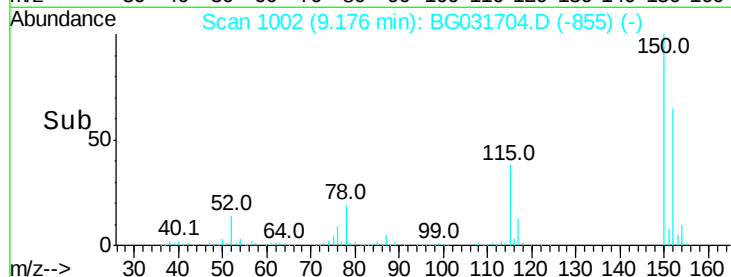
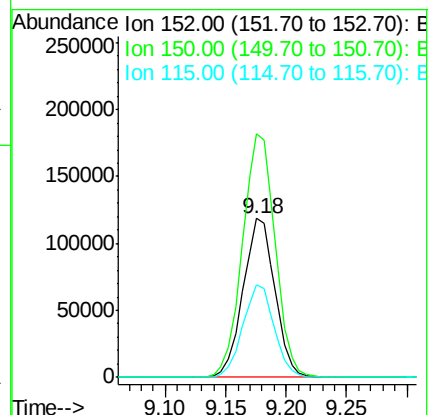
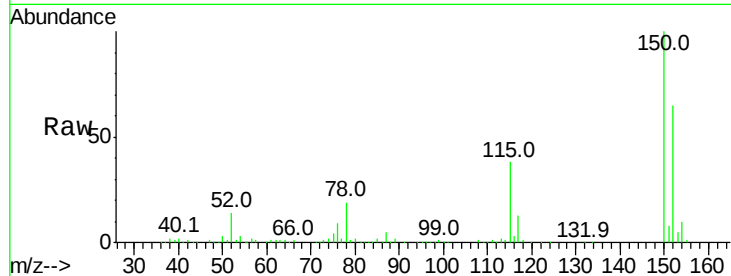
Tot Ion:152 Resp: 218527

Ion Ratio Lower Upper

152 100

150 153.1 126.6 189.8

115 58.0 53.0 79.4



#5

2-Fluorophenol

Concen: 10.881 ng

RT: 6.26 min Scan# 505

Delta R.T. 0.01 min

Lab File: BG031704.D

Acq: 22 Dec 2017 10:37

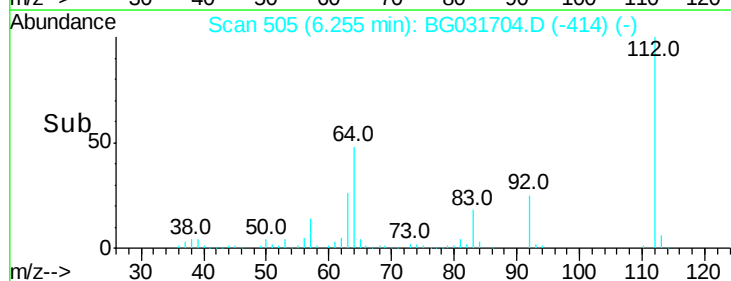
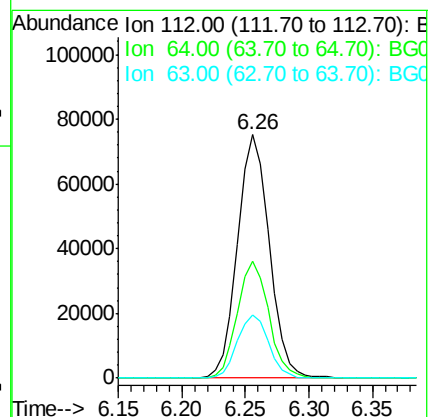
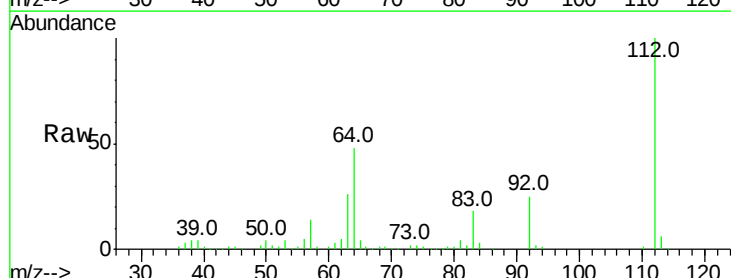
Tgt Ion:112 Resp: 130547

Ion Ratio Lower Upper

112 100

64 48.0 56.3 84.5#

63 25.7 30.1 45.1#





#7

Phenol-d6

Concen: 7.113 ng

RT: 7.93 min Scan# 790

Delta R.T. 0.00 min

Lab File: BG031704.D

Acq: 22 Dec 2017 10:37

Instrument :

BNA_G

ClientSampleId :

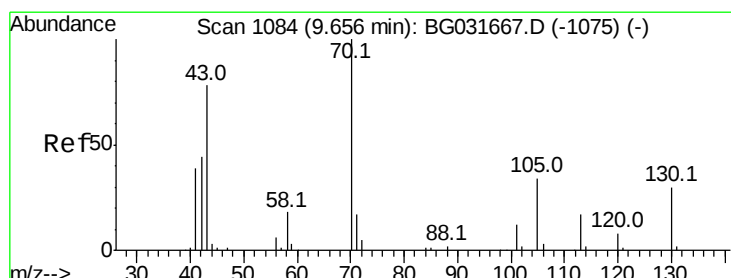
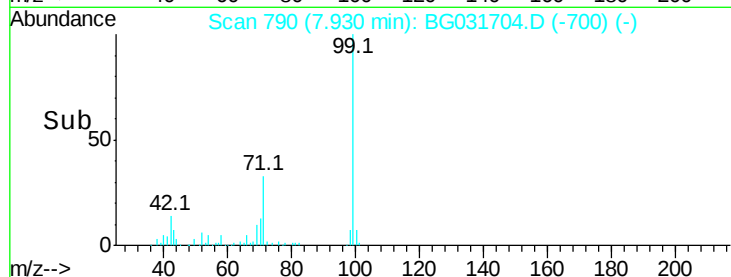
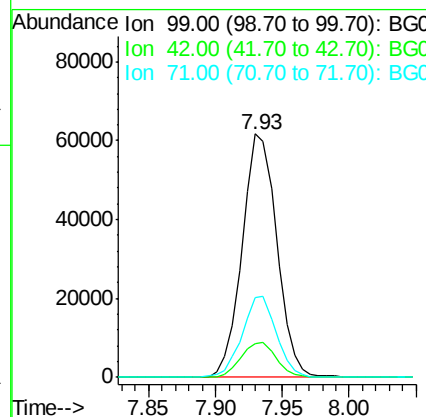
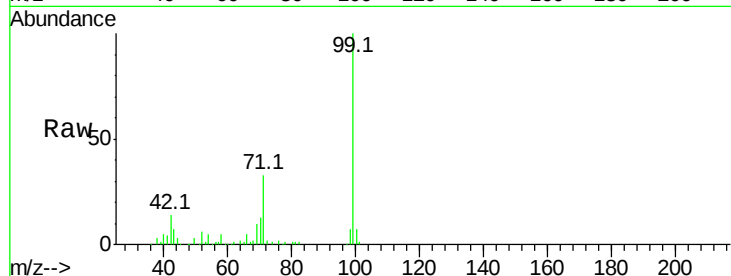
Tot Ion: 99 Resp: 110807

Ion Ratio Lower Upper

99 100

42 13.9 14.1 21.1#

71 32.9 26.1 39.1



#19

n-Nitroso-di-n-propylamine

Concen: 3.525 ng

RT: 10.04 min Scan# 1149

Delta R.T. 0.38 min

Lab File: BG031704.D

Acq: 22 Dec 2017 10:37

Tgt Ion: 70 Resp: 37505

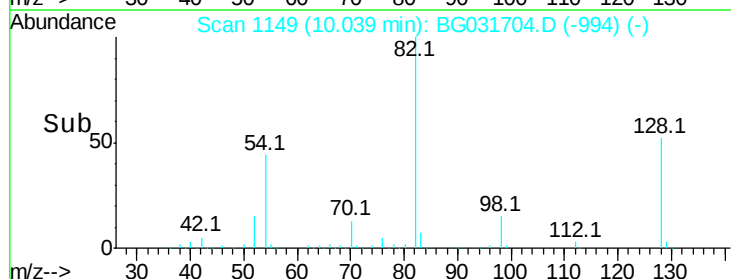
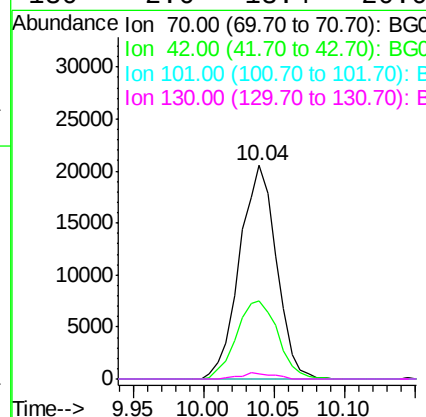
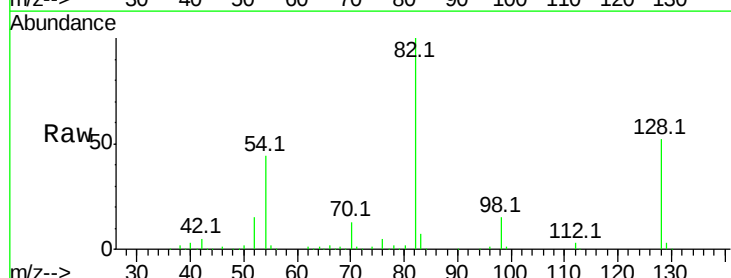
Ion Ratio Lower Upper

70 100

42 36.4 49.1 73.7#

101 0.0 8.5 12.7#

130 2.6 13.4 20.0#

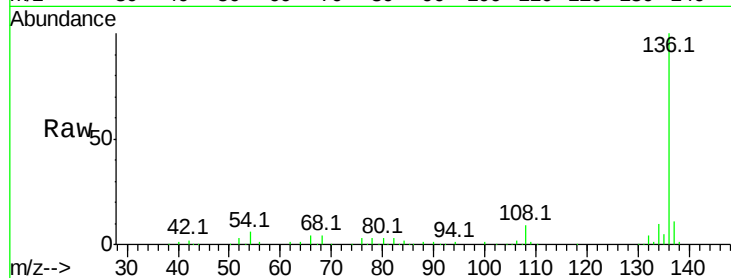




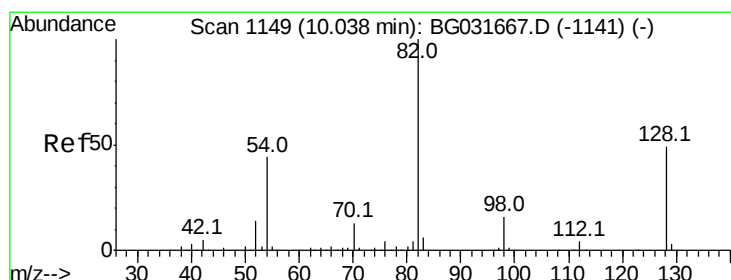
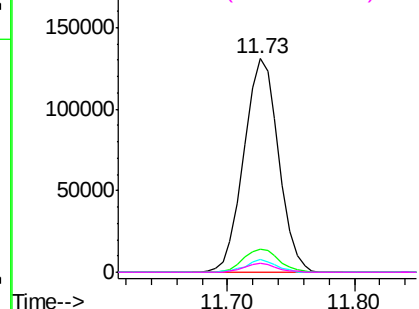
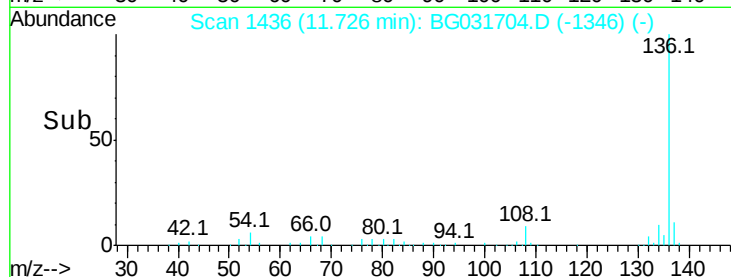
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.73 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BG031704.D
Acq: 22 Dec 2017 10:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	248511
Ion Ratio	Lower	Upper
136	100	
137	10.6	9.2 13.8
54	5.7	10.3 15.5#
68	3.9	4.5 6.7#

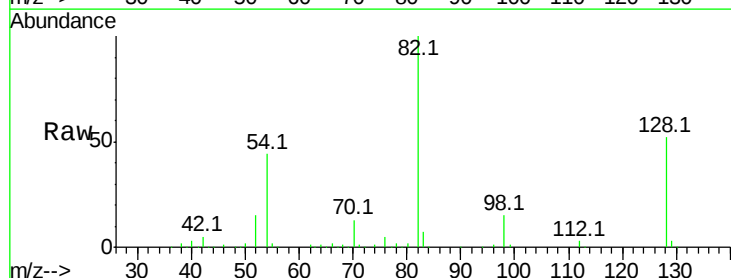


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

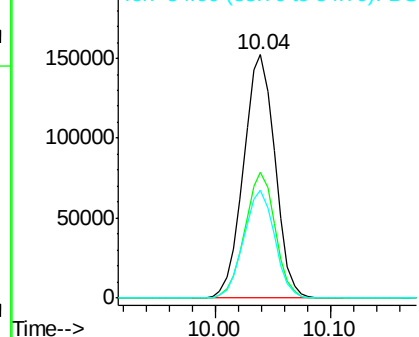
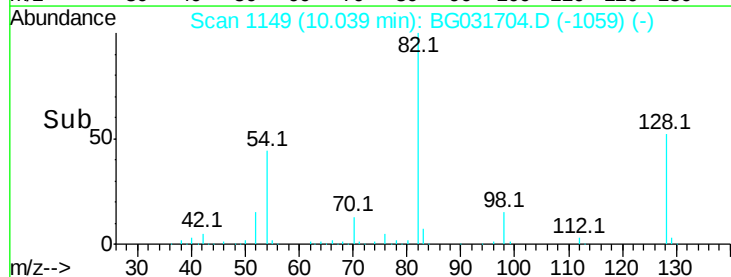


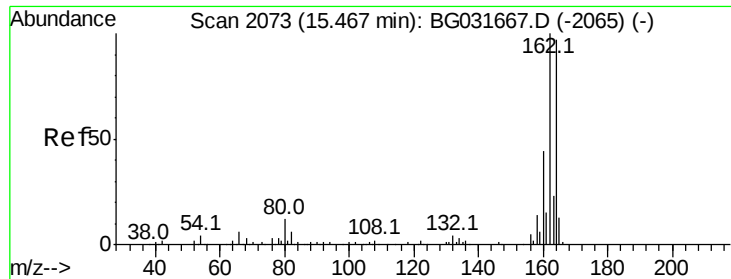
#23
Nitrobenzene-d5
Concen: 87.491 ng
RT: 10.04 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BG031704.D
Acq: 22 Dec 2017 10:37

Tgt Ion: 82	Resp:	287935
Ion Ratio	Lower	Upper
82	100	
128	51.6	29.7 44.5#
54	44.1	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

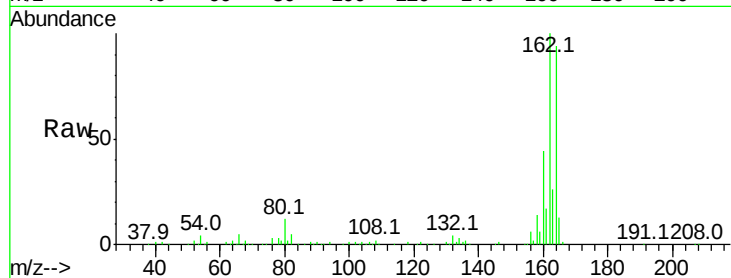




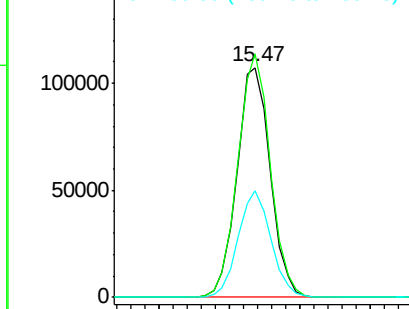
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.47 min Scan# 2073
Delta R.T. 0.00 min
Lab File: BG031704.D
Acq: 22 Dec 2017 10:37

Instrument :
BNA_G
ClientSampleId :

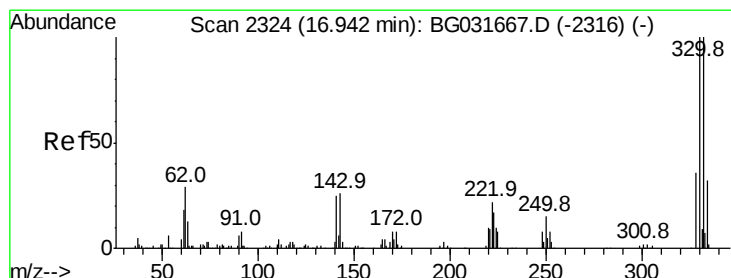
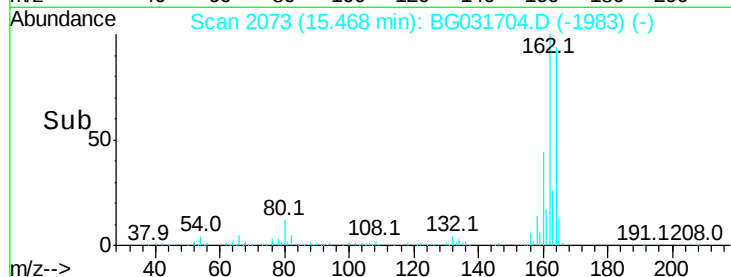
Tot Ion:164 Resp: 176394
Ion Ratio Lower Upper
164 100
162 105.8 78.8 118.2
160 46.3 35.4 53.0



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

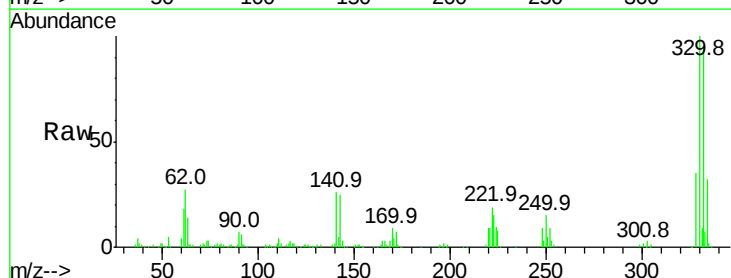


Time-->

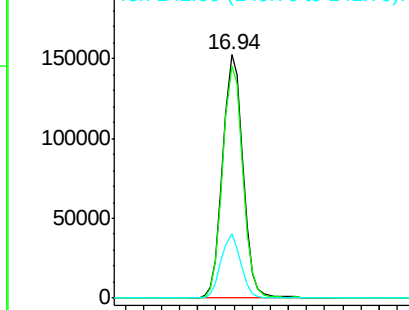


#41
2,4,6-Tribromophenol
Concen: 88.169 ng
RT: 16.94 min Scan# 2323
Delta R.T. -0.00 min
Lab File: BG031704.D
Acq: 22 Dec 2017 10:37

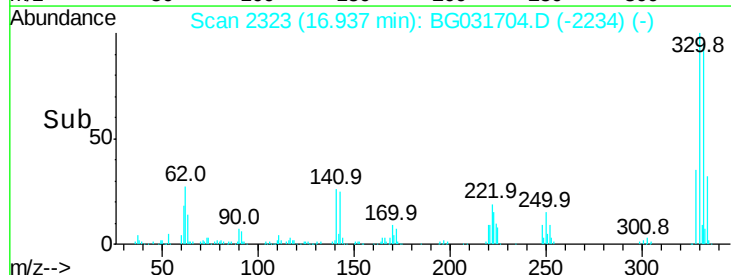
Tgt Ion:330 Resp: 237310
Ion Ratio Lower Upper
330 100
332 94.9 77.0 115.6
141 25.6 25.2 37.8



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



Time-->



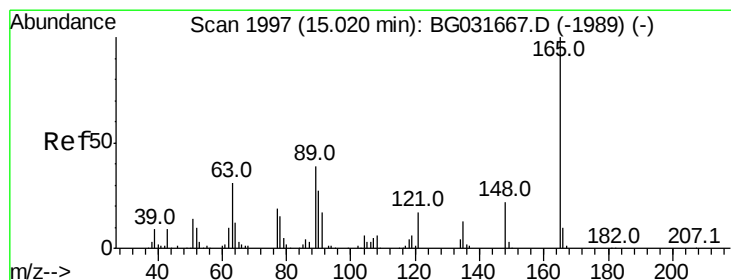
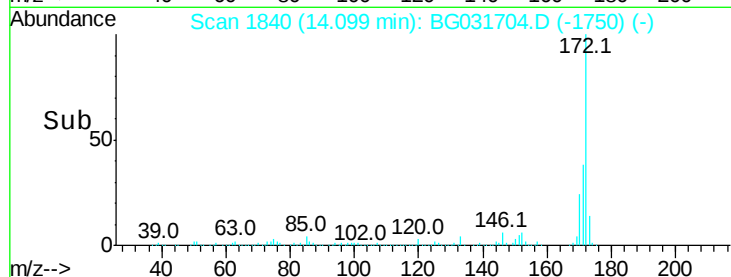
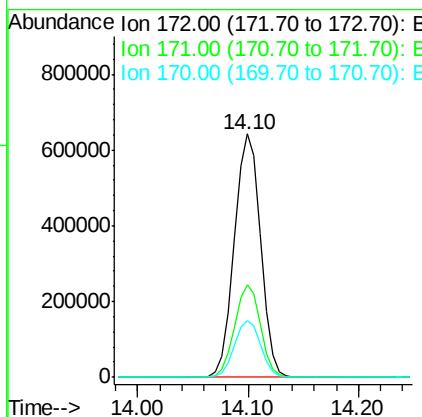
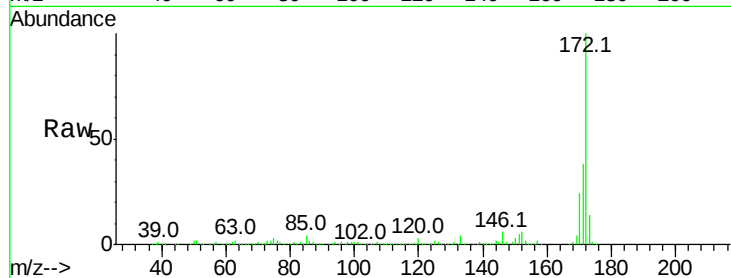


#44
 2-Fluorobiphenyl
 Concen: 76.211 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. 0.00 min
 Lab File: BG031704.D
 Acq: 22 Dec 2017 10:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1071054

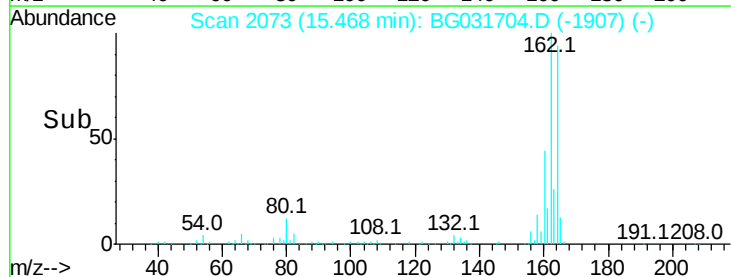
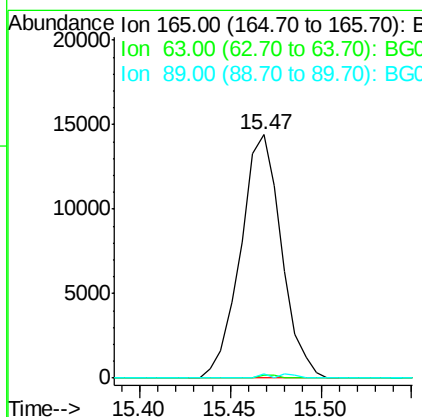
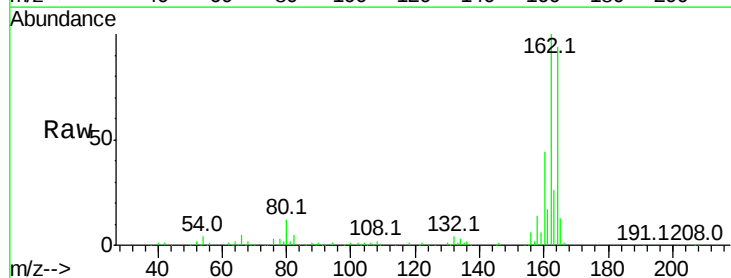
Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	23.5	19.5	29.3

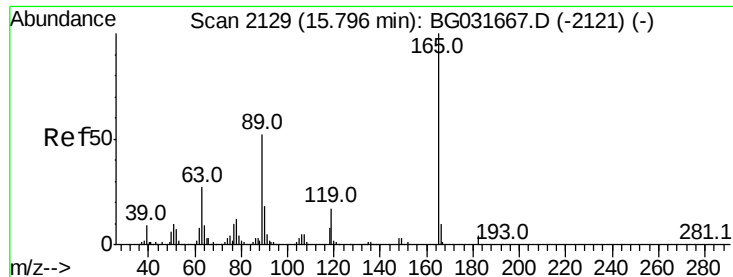


#50
 2,6-Dinitrotoluene
 Concen: 7.922 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. 0.45 min
 Lab File: BG031704.D
 Acq: 22 Dec 2017 10:37

Tgt Ion:165 Resp: 22647

Ion	Ratio	Lower	Upper
165	100		
63	1.3	52.7	79.1#
89	1.9	49.2	73.8#





#56

2,4-Dinitrotoluene

Concen: 6.161 ng

RT: 15.47 min Scan# 2073

Delta R.T. -0.33 min

Lab File: BG031704.D

Acq: 22 Dec 2017 10:37

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 22647

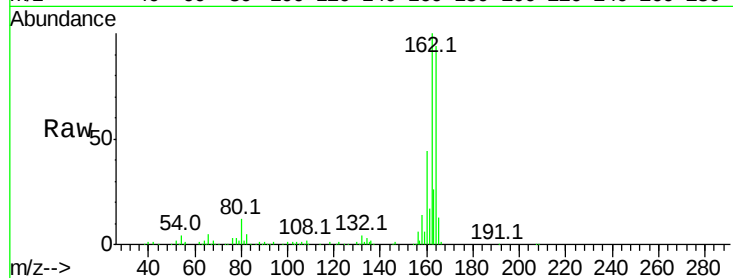
Ion Ratio Lower Upper

165 100

63 1.3 42.0 63.0#

89 1.9 66.9 100.3#

182 0.0 2.6 3.8#

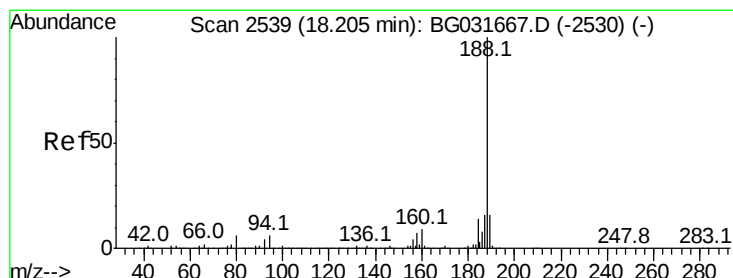
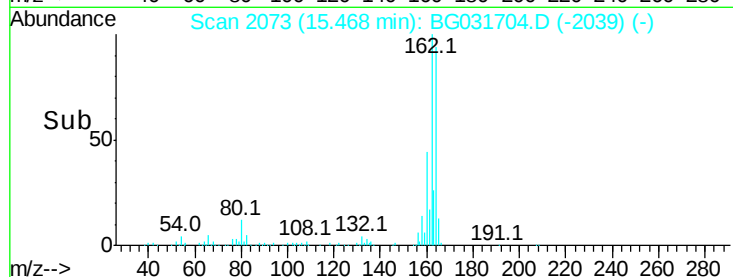
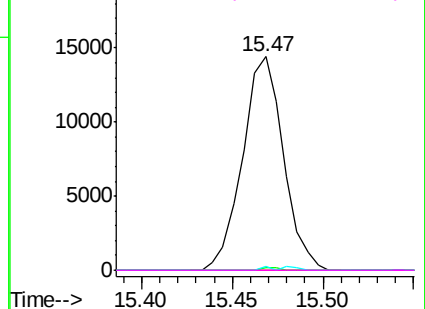


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.20 min Scan# 2538

Delta R.T. -0.00 min

Lab File: BG031704.D

Acq: 22 Dec 2017 10:37

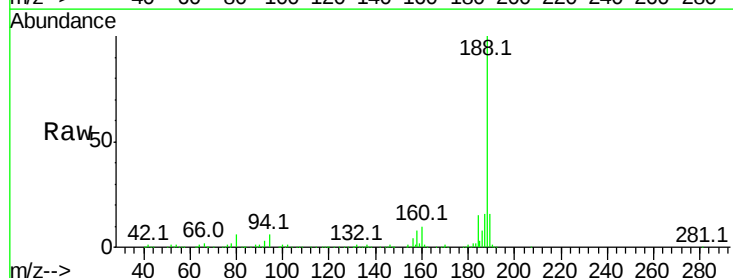
Tgt Ion:188 Resp: 450290

Ion Ratio Lower Upper

188 100

94 5.6 6.9 10.3#

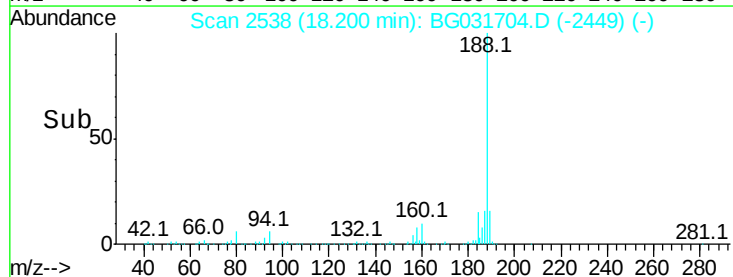
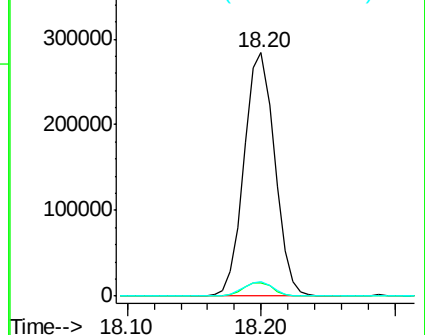
80 5.8 7.7 11.5#

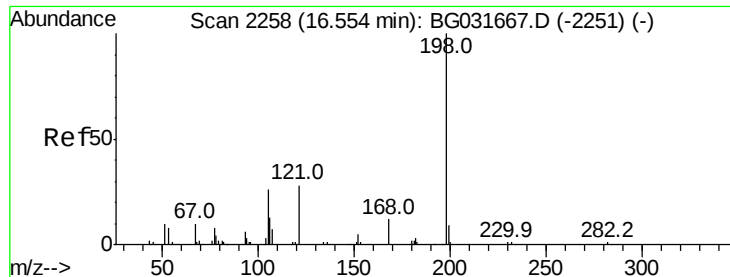


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

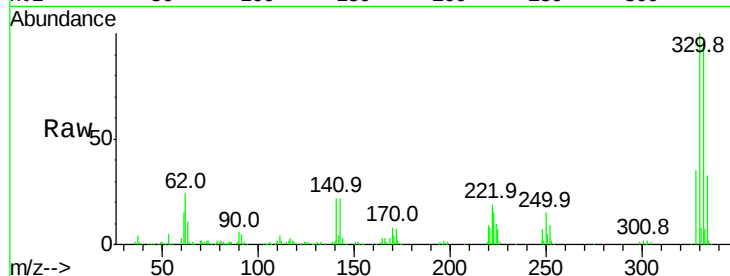




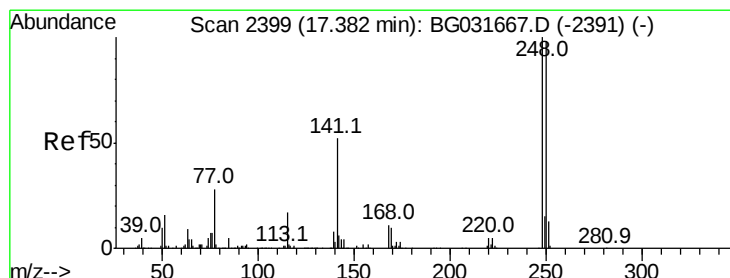
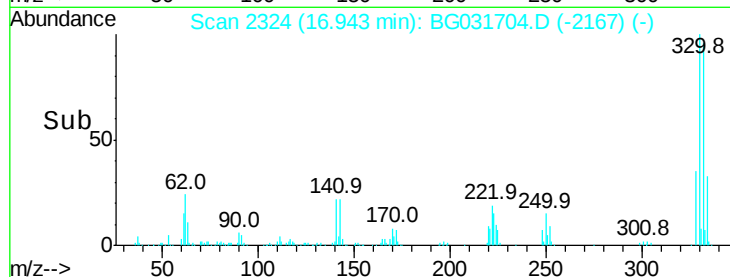
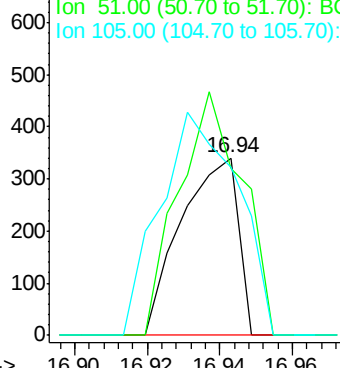
#64
4,6-Dinitro-2-methylphenol
Concen: 8.446 ng
RT: 16.94 min Scan# 2324
Delta R.T. 0.39 min
Lab File: BG031704.D
Acq: 22 Dec 2017 10:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:198 Resp: 372
Ion Ratio Lower Upper
198 100
51 94.4 30.6 70.6#
105 95.0 23.8 63.8#

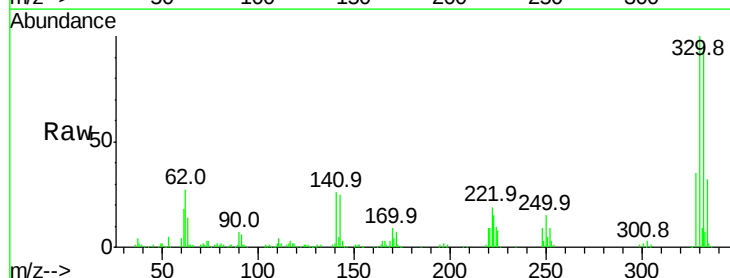


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGC
Ion 105.00 (104.70 to 105.70): E

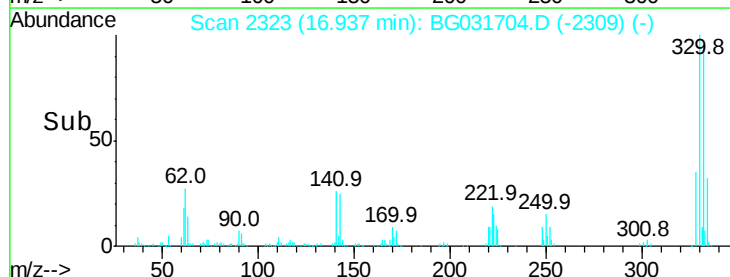
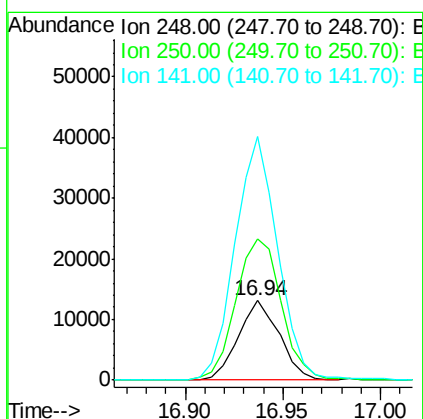


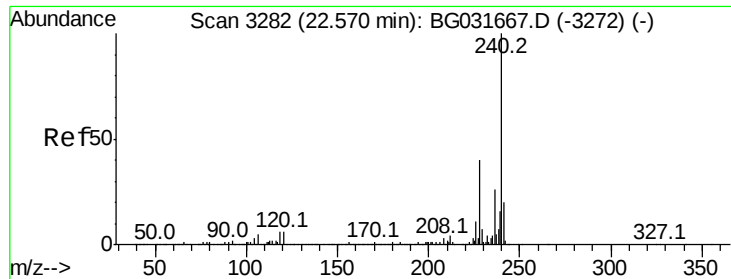
#66
4-Bromophenyl-phenylether
Concen: 2.925 ng
RT: 16.94 min Scan# 2323
Delta R.T. -0.45 min
Lab File: BG031704.D
Acq: 22 Dec 2017 10:37

Tgt Ion:248 Resp: 19049
Ion Ratio Lower Upper
248 100
250 178.9 77.1 115.7#
141 307.4 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

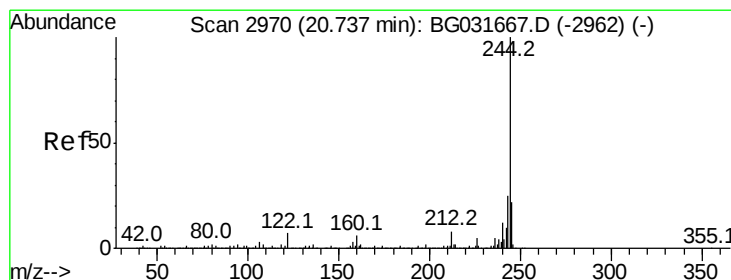
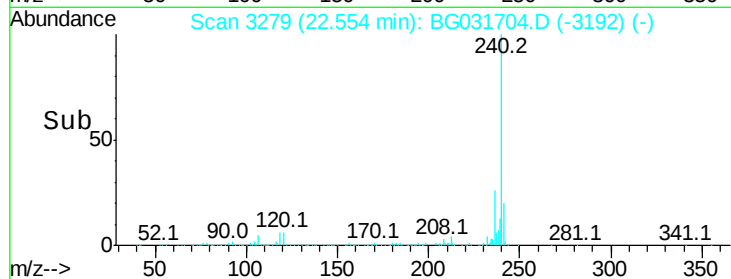
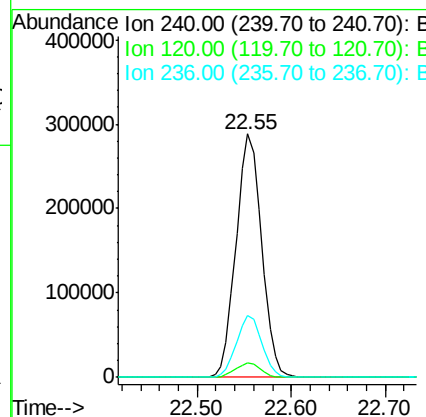
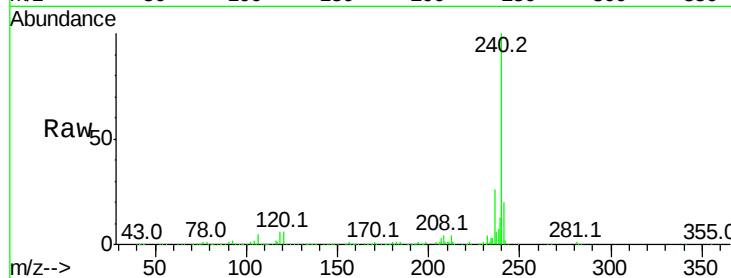




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.55 min Scan# 3279
 Delta R.T. -0.02 min
 Lab File: BG031704.D
 Acq: 22 Dec 2017 10:37

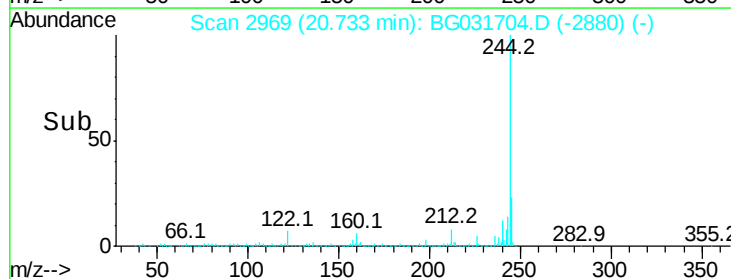
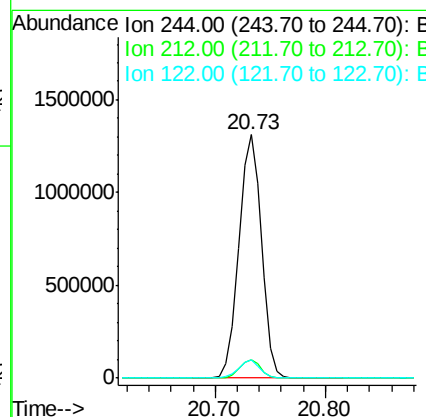
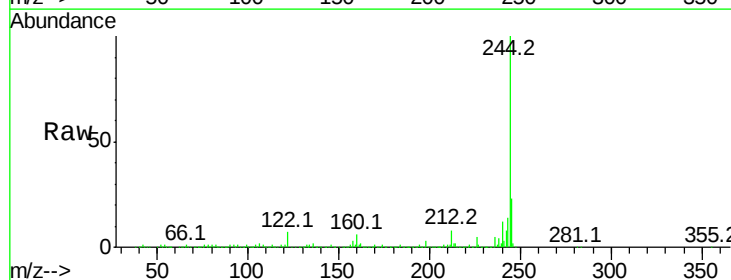
Instrument :
 BNA_G
 ClientSampleId :

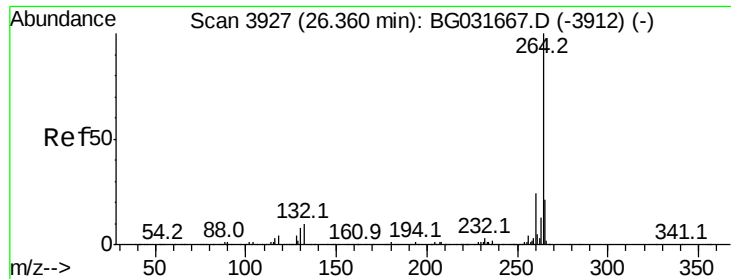
Tot Ion	Ratio	Lower	Upper
240	100		
120	5.8	6.8	10.2#
236	25.6	20.9	31.3



#78
 Terphenyl-d14
 Concen: 78.661 ng
 RT: 20.73 min Scan# 2969
 Delta R.T. -0.00 min
 Lab File: BG031704.D
 Acq: 22 Dec 2017 10:37

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	7.3	7.0	10.4

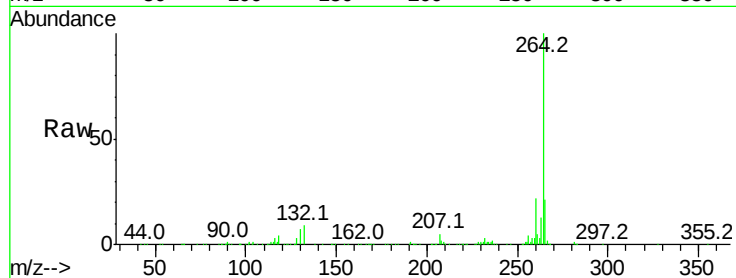




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.34 min Scan# 3924
 Delta R.T. -0.02 min
 Lab File: BG031704.D
 Acq: 22 Dec 2017 10:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.4	26.0
265	21.0	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

