

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070317\
 Data File : BG027833.D
 Acq On : 3 Jul 2017 15:36
 Operator : SJ/JU
 Sample : I4007-10RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 04 05:46:47 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 19:26:37 2017
 Response via : Initial Calibration

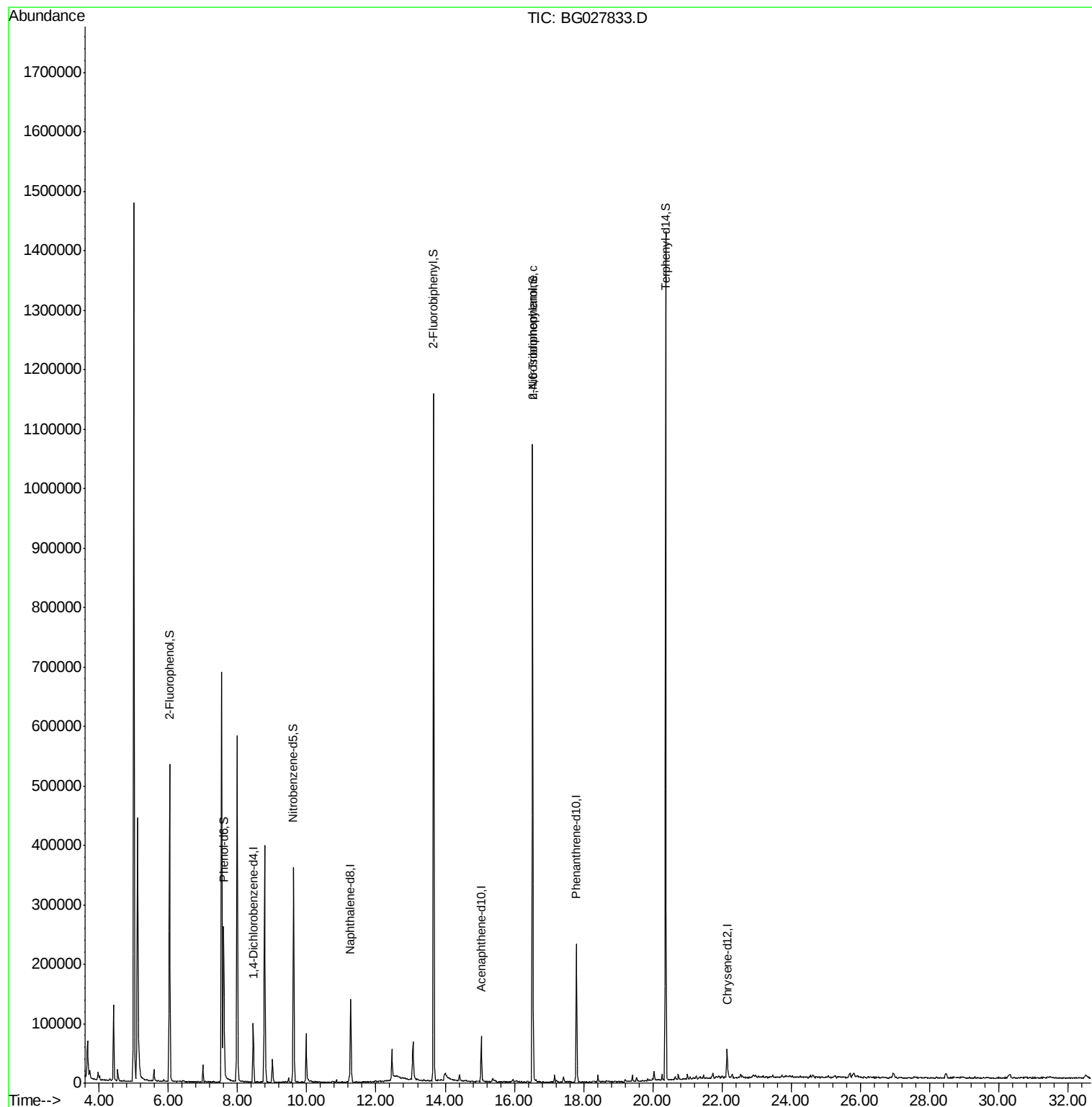
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	28160	20.00	ng	-0.03
21) Naphthalene-d8	11.27	136	124903	20.00	ng	-0.03
38) Acenaphthene-d10	15.04	164	23116	20.00	ng	-0.02
63) Phenanthrene-d10	17.79	188	108097	20.00	ng	-0.03
75) Chrysene-d12	22.14	240	15035	20.00	ng	-0.03
86) Perylene-d12	0.00	264	0	0.00	ng	-25.79
System Monitoring Compounds						
5) 2-Fluorophenol	6.03	112	233178	127.51	ng	-0.03
7) Phenol-d6	7.59	99	127970	45.81	ng	-0.02
23) Nitrobenzene-d5	9.62	82	225998	100.86	ng	-0.03
41) 2,4,6-Tribromophenol	16.53	330	228977	722.19	ng	-0.02
44) 2-Fluorobiphenyl	13.66	172	595972	368.21	ng	-0.03
78) Terphenyl-d14	20.37	244	455520	710.28	ng	-0.02
Target Compounds						
65) n-Nitrosodiphenylamine	16.53	169	7307	2.08	ng	Qvalue # 48

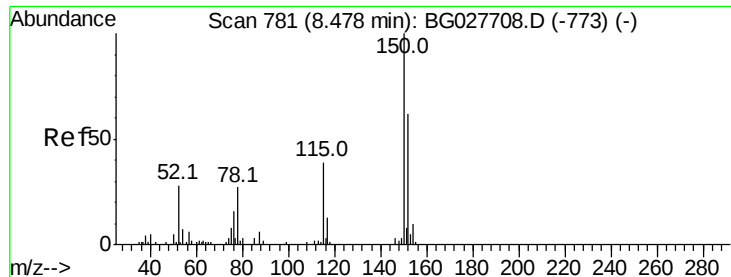
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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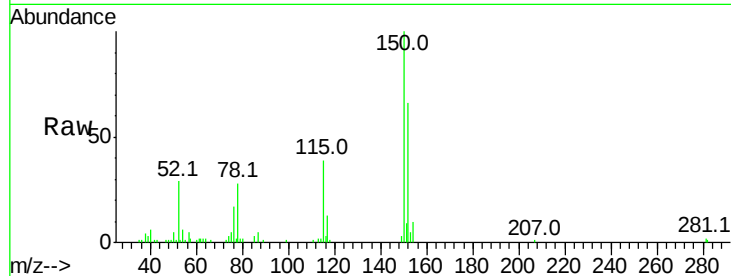


#1

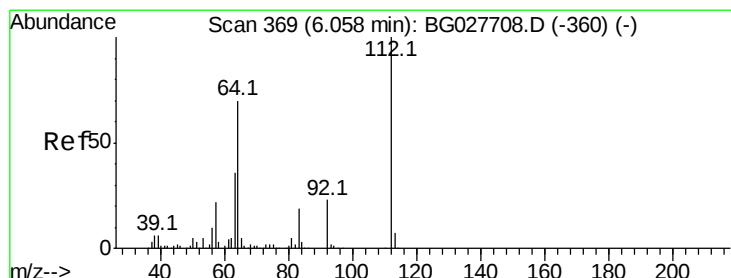
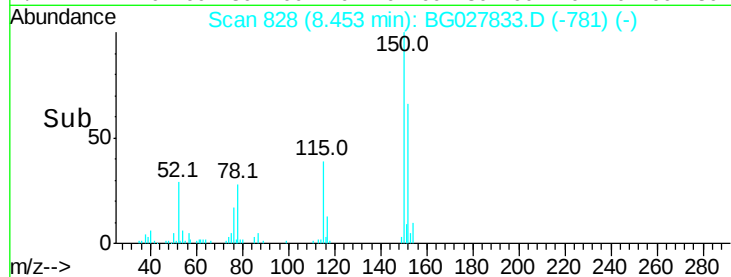
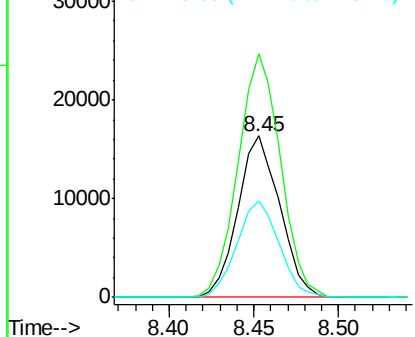
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.45 min Scan# 828
Delta R.T. -0.03 min
Lab File: BG027833.D
Acq: 3 Jul 2017 15:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 28160
Ion Ratio Lower Upper
152 100
150 150.9 114.0 171.0
115 59.5 48.1 72.1



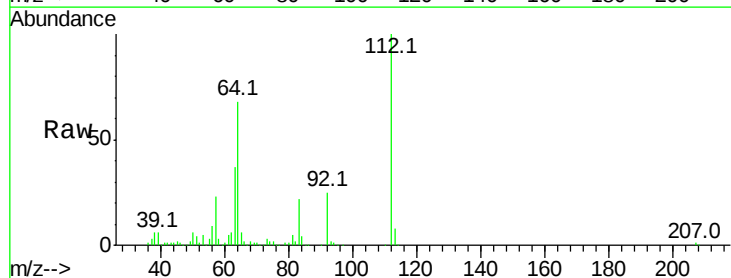
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



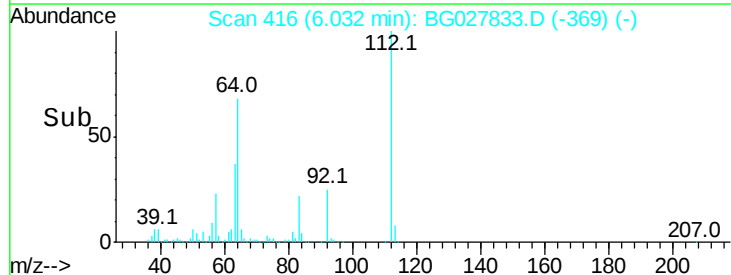
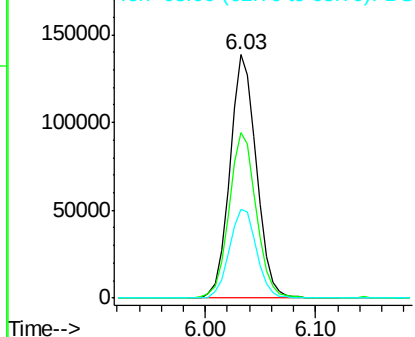
#5

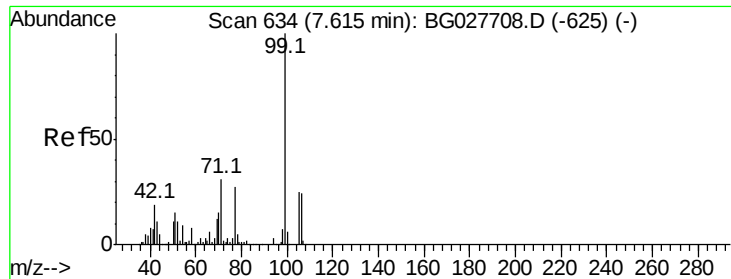
2-Fluorophenol
Concen: 127.51 ng
RT: 6.03 min Scan# 416
Delta R.T. -0.03 min
Lab File: BG027833.D
Acq: 3 Jul 2017 15:36

Tgt Ion:112 Resp: 233178
Ion Ratio Lower Upper
112 100
64 68.1 61.8 92.6
63 36.6 37.2 55.8#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 45.81 ng

RT: 7.59 min Scan# 682

Delta R.T. -0.02 min

Lab File: BG027833.D

Acq: 3 Jul 2017 15:36

Instrument :

BNA_G

ClientSampleId :

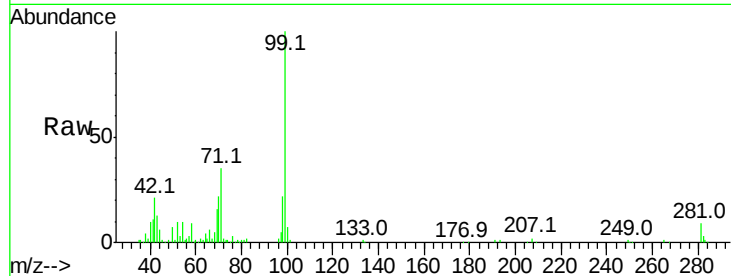
Tot Ion: 99 Resp: 127970

Ion Ratio Lower Upper

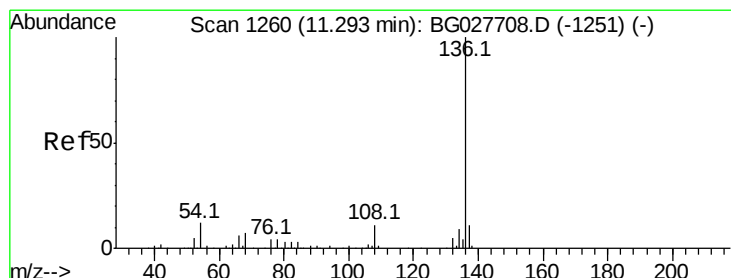
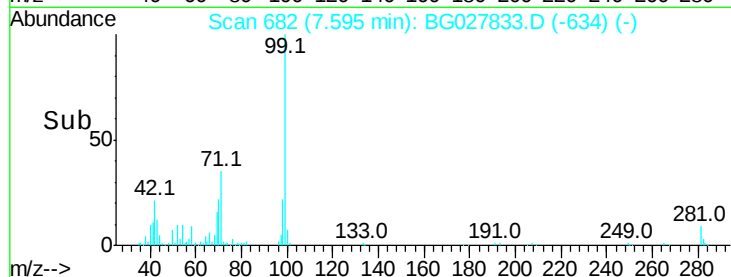
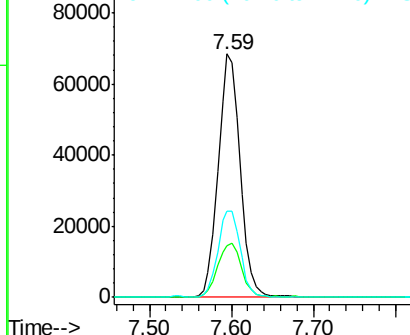
99 100

42 21.2 20.5 30.7

71 35.5 37.6 56.4#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.27 min Scan# 1307

Delta R.T. -0.03 min

Lab File: BG027833.D

Acq: 3 Jul 2017 15:36

Tgt Ion: 136 Resp: 124903

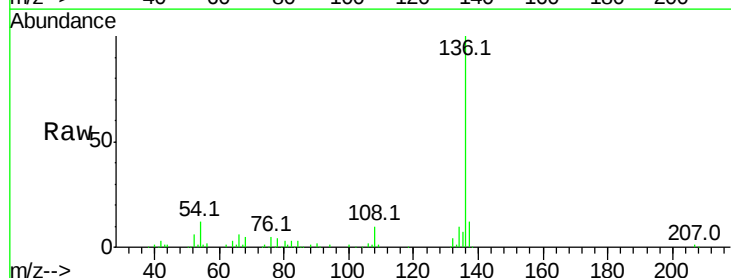
Ion Ratio Lower Upper

136 100

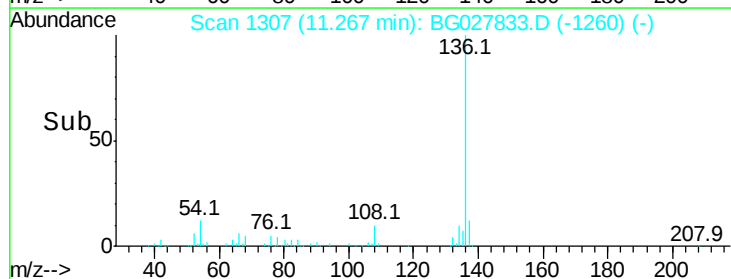
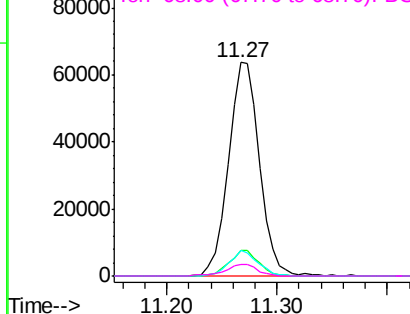
137 11.8 8.9 13.3

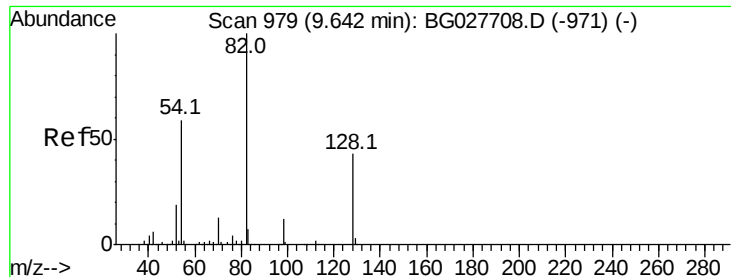
54 12.1 9.3 13.9

68 5.2 5.1 7.7



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: 100.86 ng

RT: 9.62 min Scan# 1026

Delta R.T. -0.03 min

Lab File: BG027833.D

Acq: 3 Jul 2017 15:36

Instrument :

BNA_G

ClientSampleId :

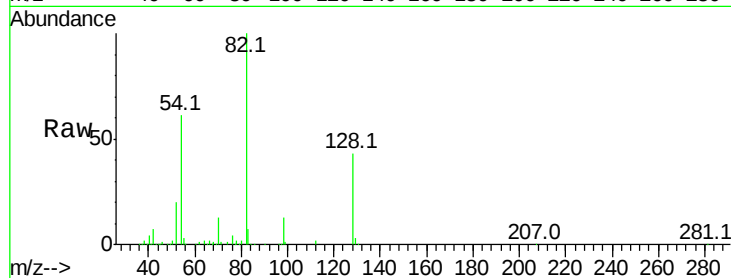
Tot Ion: 82 Resp: 225998

Ion Ratio Lower Upper

82 100

128 43.2 26.4 39.6#

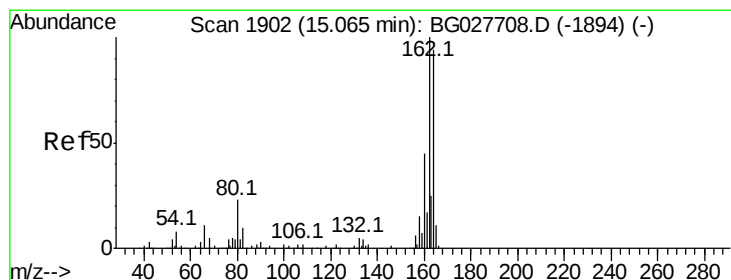
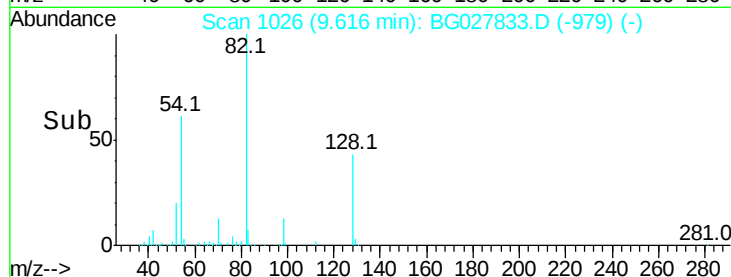
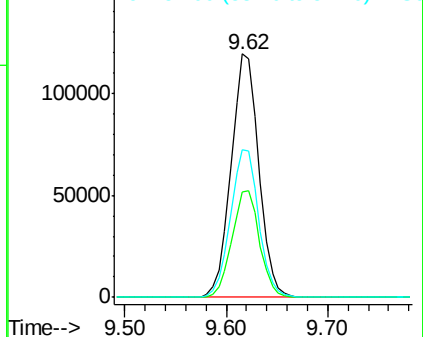
54 60.7 49.4 74.2



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: 20.00 ng

RT: 15.04 min Scan# 1950

Delta R.T. -0.02 min

Lab File: BG027833.D

Acq: 3 Jul 2017 15:36

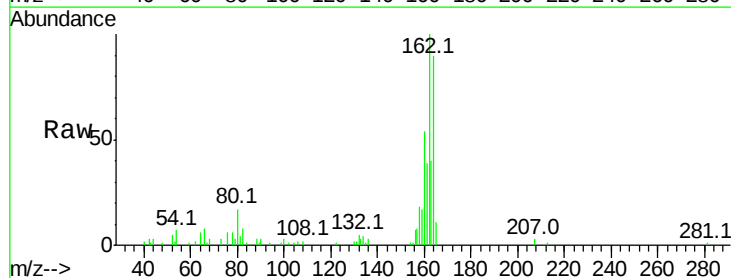
Tgt Ion:164 Resp: 23116

Ion Ratio Lower Upper

164 100

162 111.4 85.1 127.7

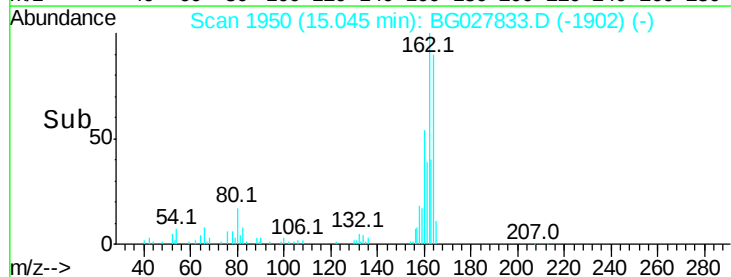
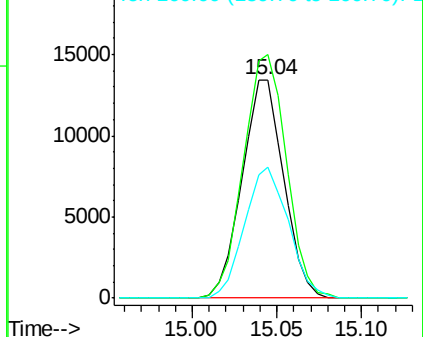
160 60.2 34.7 52.1#

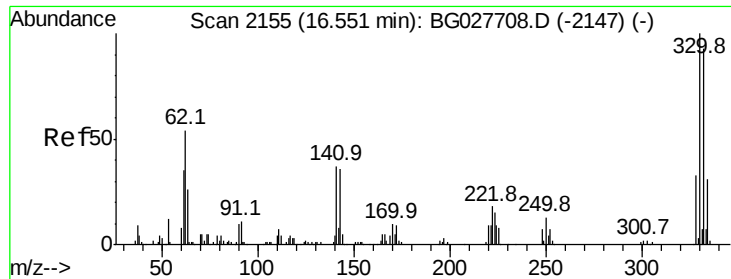


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

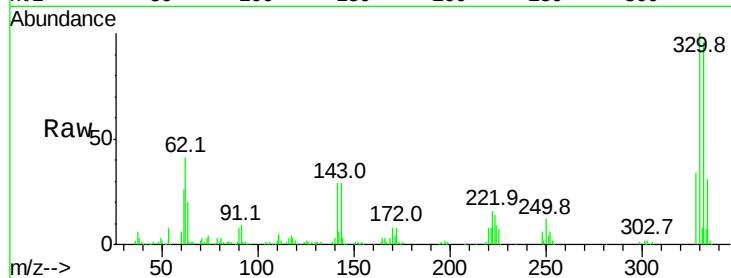




#41
 2,4,6-Tribromophenol
 Concen: 722.19 ng
 RT: 16.53 min Scan# 2203
 Delta R.T. -0.02 min
 Lab File: BG027833.D
 Acq: 3 Jul 2017 15:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.3	115.9
141	33.5	32.1	48.1

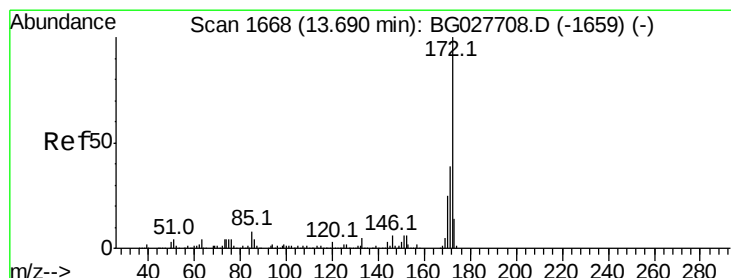
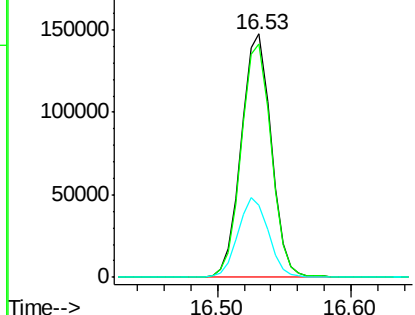
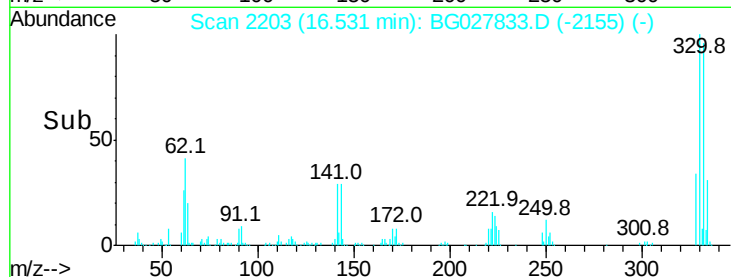


Abundance

Ion 329.80 (329.50 to 330.50): E

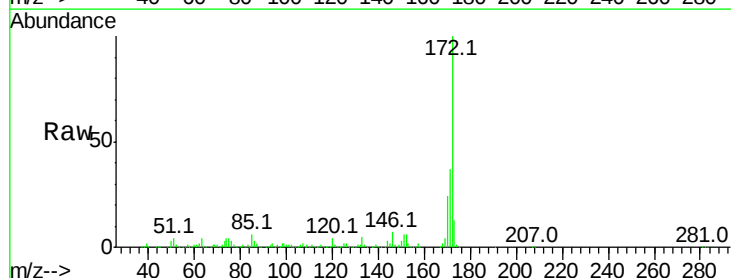
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 368.21 ng
 RT: 13.66 min Scan# 1715
 Delta R.T. -0.03 min
 Lab File: BG027833.D
 Acq: 3 Jul 2017 15:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	32.2	48.2
170	24.5	21.8	32.6

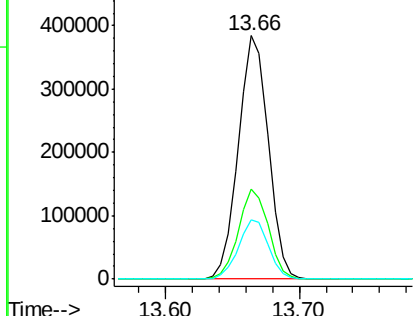
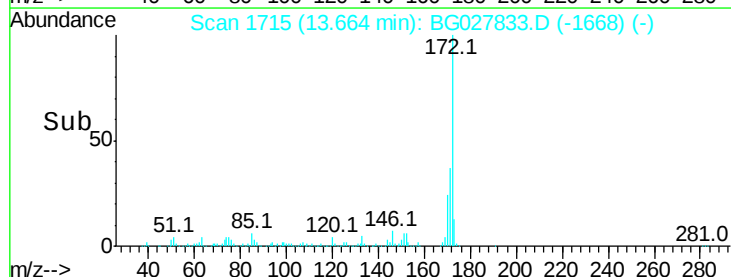


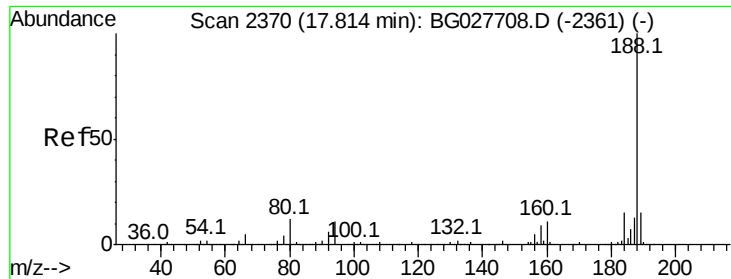
Abundance

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

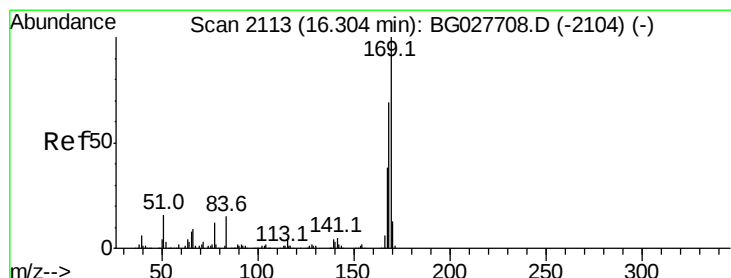
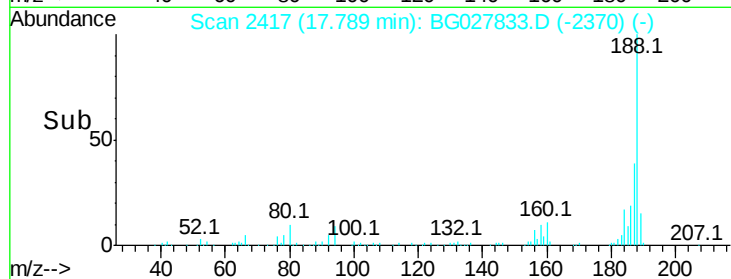
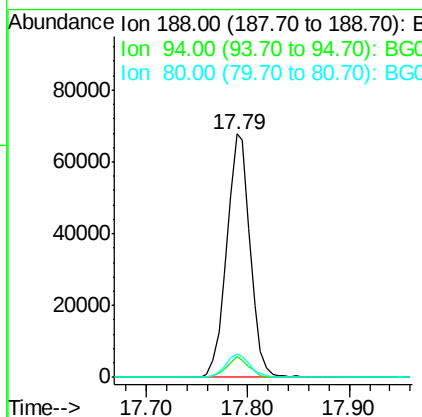
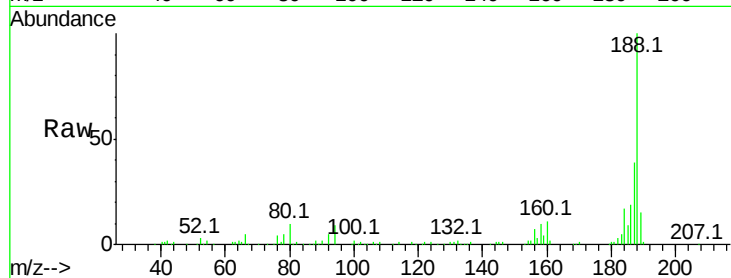




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.79 min Scan# 2417
 Delta R.T. -0.03 min
 Lab File: BG027833.D
 Acq: 3 Jul 2017 15:36

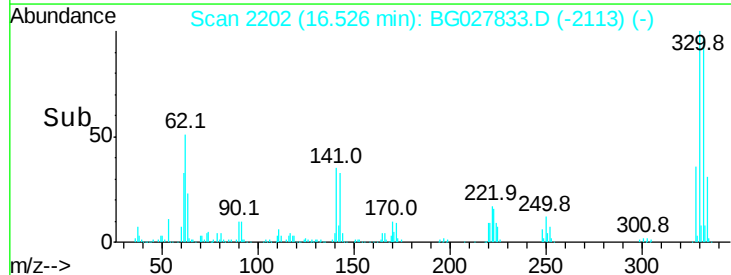
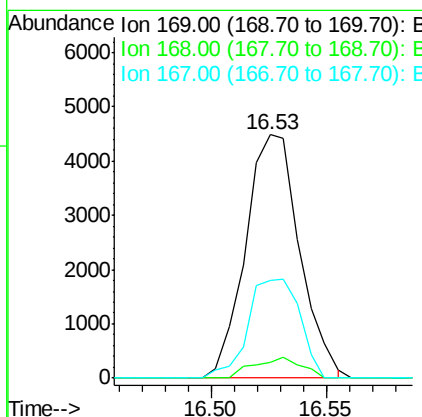
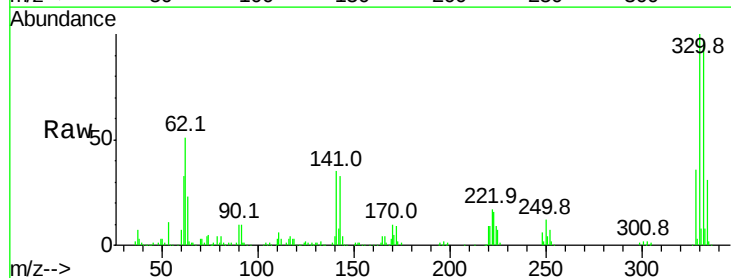
Instrument :
 BNA_G
 ClientSampleId :

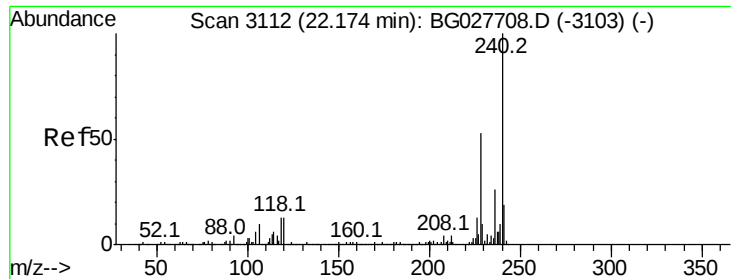
Tot Ion:188 Resp: 108097
 Ion Ratio Lower Upper
 188 100
 94 8.6 5.8 8.8
 80 9.7 7.5 11.3



#65
 n-Nitrosodiphenylamine
 Concen: 2.08 ng
 RT: 16.53 min Scan# 2202
 Delta R.T. 0.22 min
 Lab File: BG027833.D
 Acq: 3 Jul 2017 15:36

Tgt Ion:169 Resp: 7307
 Ion Ratio Lower Upper
 169 100
 168 6.4 55.7 83.5#
 167 40.1 29.8 44.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.14 min Scan# 3158

Delta R.T. -0.03 min

Lab File: BG027833.D

Acq: 3 Jul 2017 15:36

Instrument :

BNA_G

ClientSampleId :

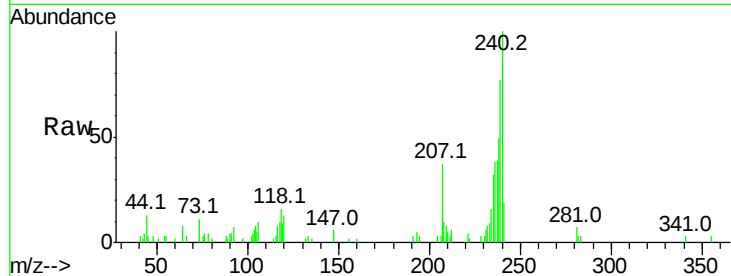
Tot Ion:240 Resp: 15035

Ion Ratio Lower Upper

240 100

120 13.1 5.7 8.5#

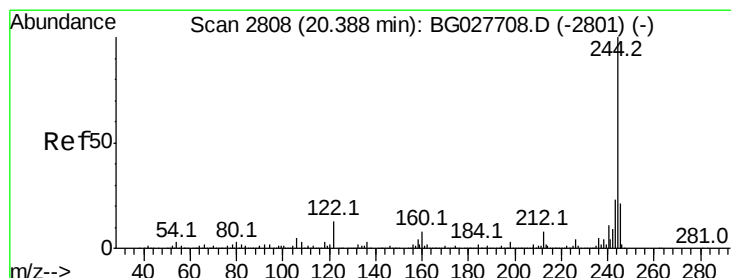
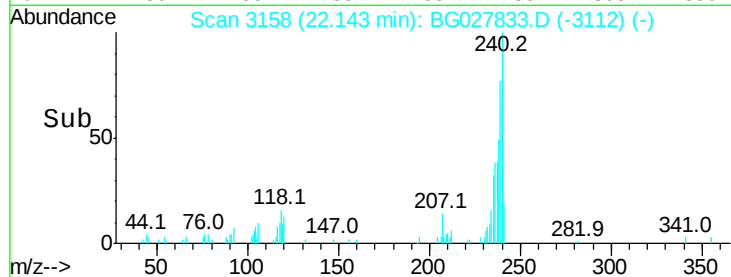
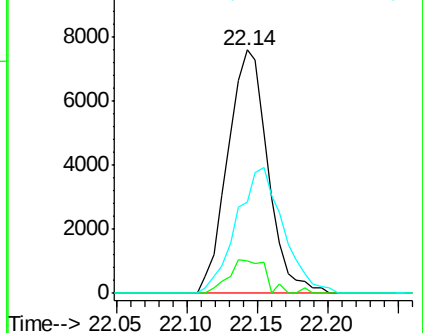
236 37.5 22.2 33.4#



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: 710.28 ng

RT: 20.37 min Scan# 2856

Delta R.T. -0.02 min

Lab File: BG027833.D

Acq: 3 Jul 2017 15:36

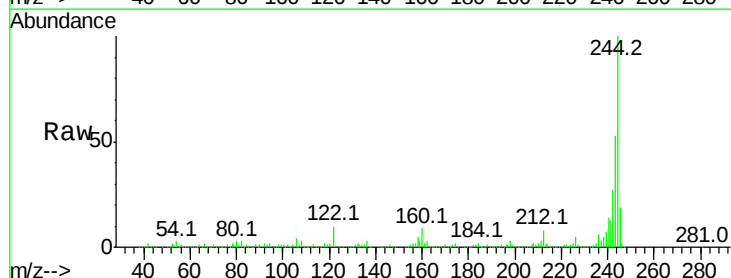
Tgt Ion:244 Resp: 455520

Ion Ratio Lower Upper

244 100

212 8.1 10.0 15.0#

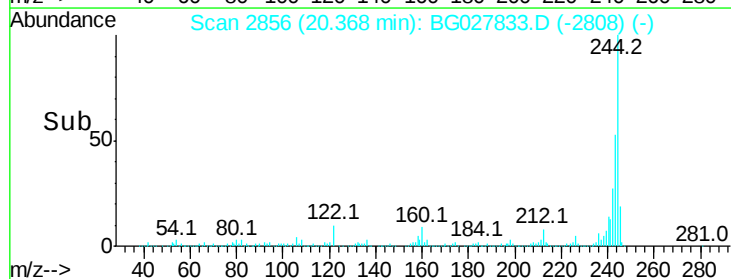
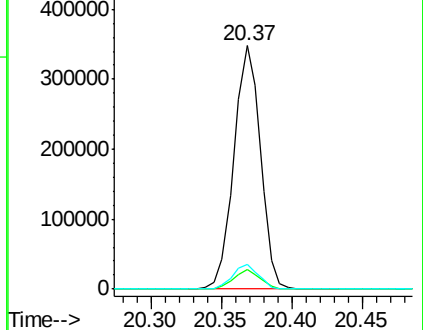
122 10.0 8.6 12.8

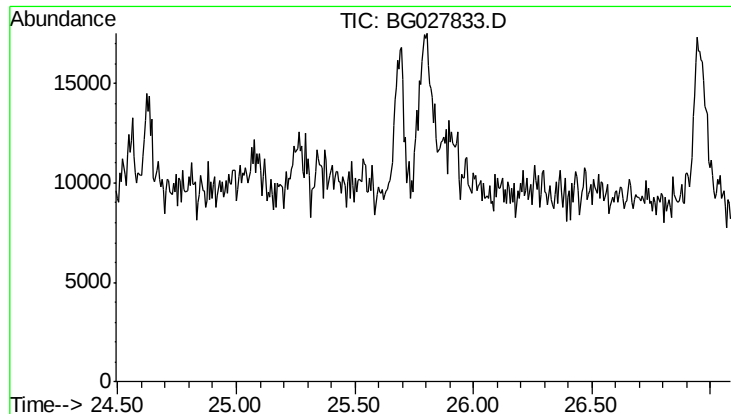


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 0.00 ng
Expected RT: 25.79 min
Lab File: BG027833.D
Acq: 3 Jul 2017 15:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 264
Sig Exp Ratio
264 100
260 27.3
265 22.8

