

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071017\
 Data File : BG027893.D
 Acq On : 10 Jul 2017 18:49
 Operator : SJ/JU
 Sample : PB100512TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 11 06:59:55 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 17:43:21 2017
 Response via : Initial Calibration

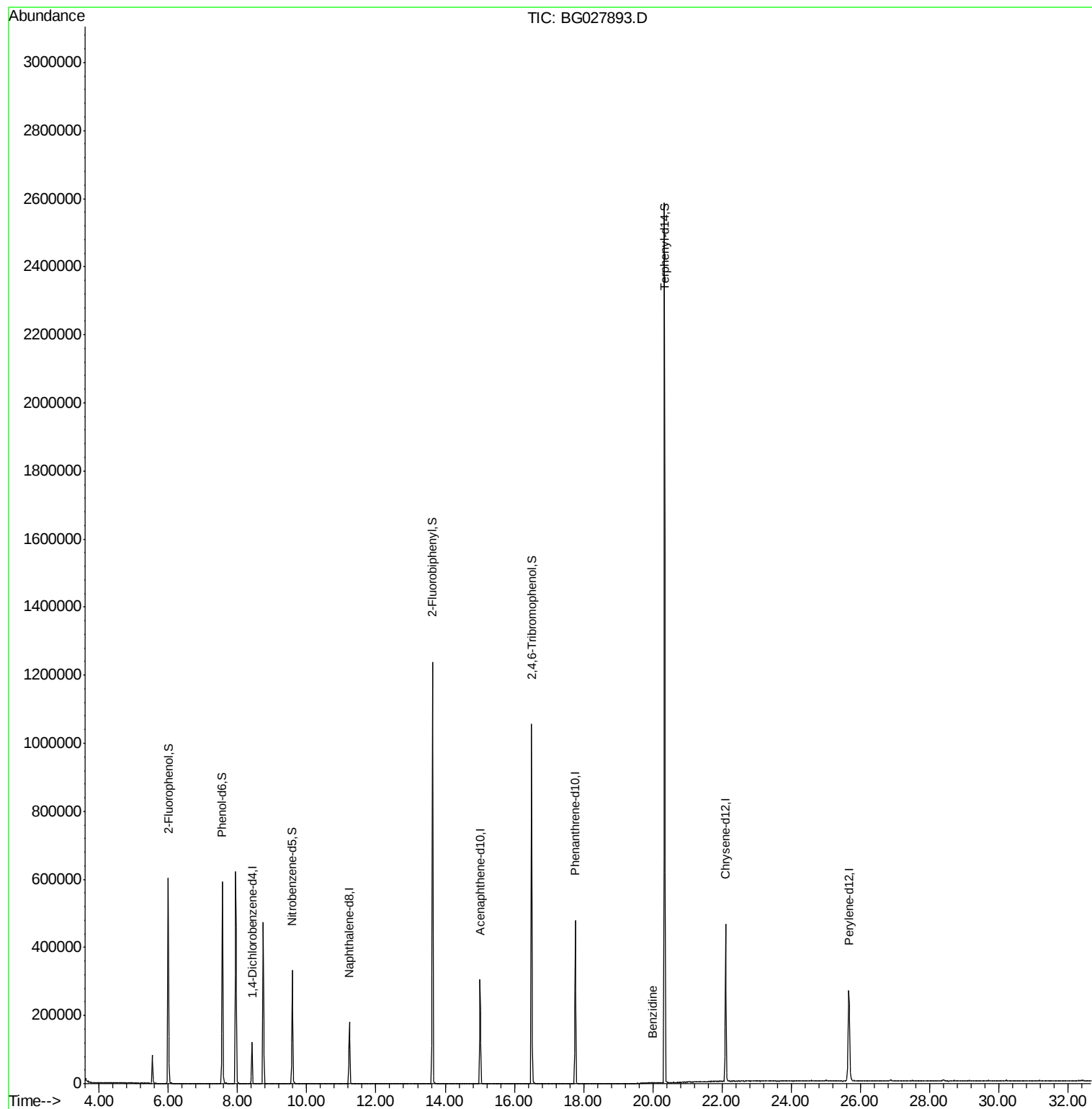
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	40686	20.00	ng	0.00
21) Naphthalene-d8	11.23	136	183525	20.00	ng	-0.01
38) Acenaphthene-d10	15.01	164	109662	20.00	ng	-0.01
63) Phenanthrene-d10	17.76	188	300699	20.00	ng	-0.01
75) Chrysene-d12	22.11	240	301330	20.00	ng	-0.02
86) Perylene-d12	25.67	264	297599	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.00	112	351191	132.92	ng	0.00
7) Phenol-d6	7.56	99	477937	118.41	ng	-0.01
23) Nitrobenzene-d5	9.58	82	241556	73.37	ng	-0.01
41) 2,4,6-Tribromophenol	16.50	330	251516	167.22	ng	-0.01
44) 2-Fluorobiphenyl	13.64	172	694337	90.43	ng	-0.01
78) Terphenyl-d14	20.34	244	1203460	93.63	ng	-0.01
Target Compounds						
76) Benzidine	20.00	184	2201	3.50	ng	Qvalue # 79

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

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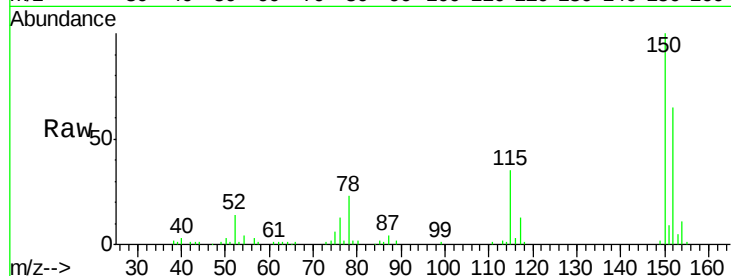


#1

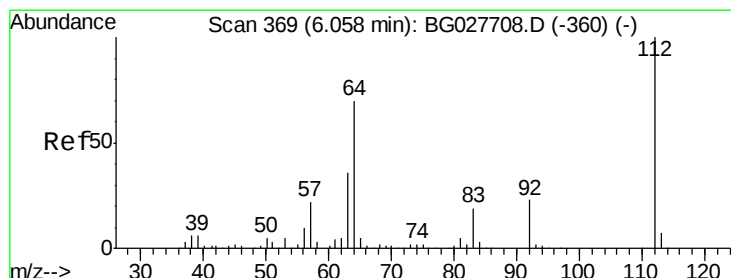
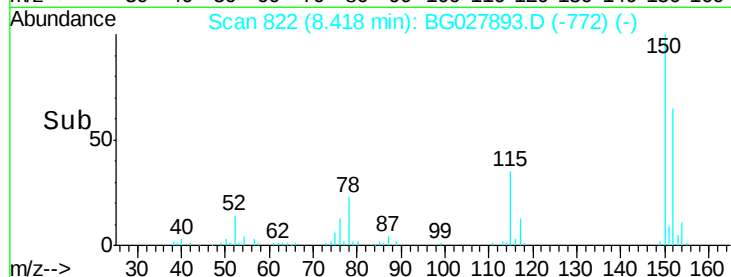
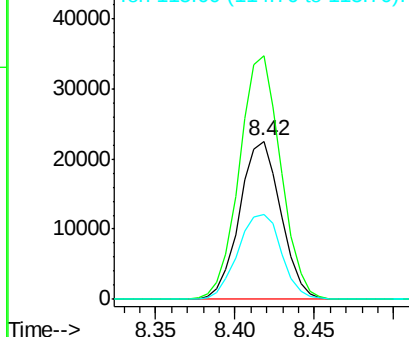
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.42 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG027893.D
Acq: 10 Jul 2017 18:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 40686
Ion Ratio Lower Upper
152 100
150 153.7 114.0 171.0
115 53.9 48.1 72.1



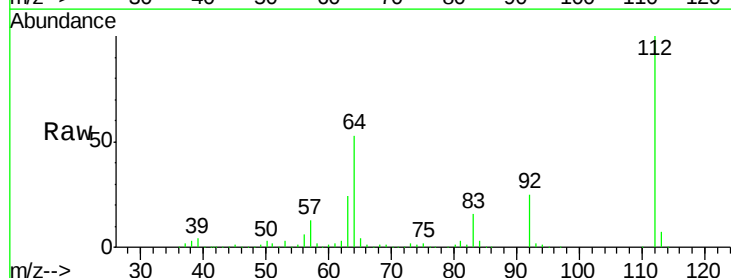
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



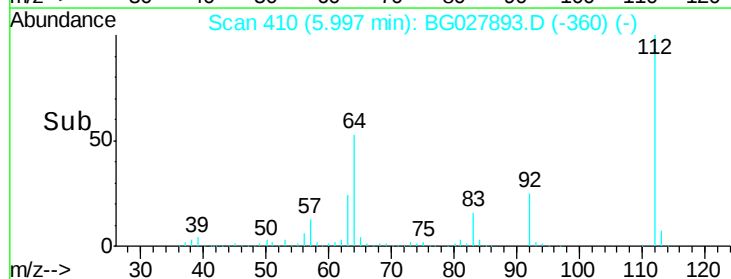
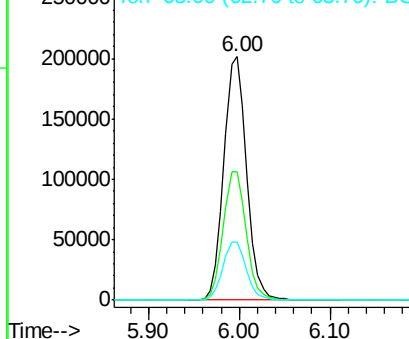
#5

2-Fluorophenol
Concen: 132.92 ng
RT: 6.00 min Scan# 410
Delta R.T. -0.01 min
Lab File: BG027893.D
Acq: 10 Jul 2017 18:49

Tgt Ion:112 Resp: 351191
Ion Ratio Lower Upper
112 100
64 52.6 61.8 92.6#
63 24.0 37.2 55.8#



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: 118.41 ng

RT: 7.56 min Scan# 676

Delta R.T. -0.01 min

Lab File: BG027893.D

Acq: 10 Jul 2017 18:49

Instrument :

BNA_G

ClientSampleId :

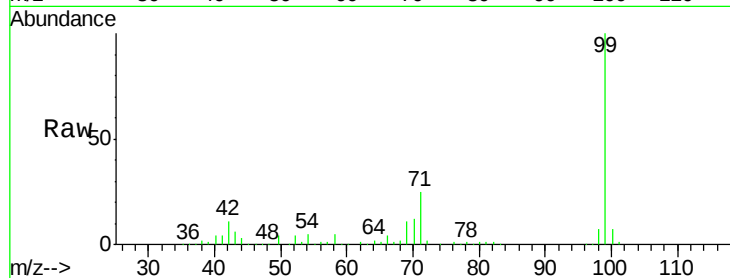
Tot Ion: 99 Resp: 477937

Ion Ratio Lower Upper

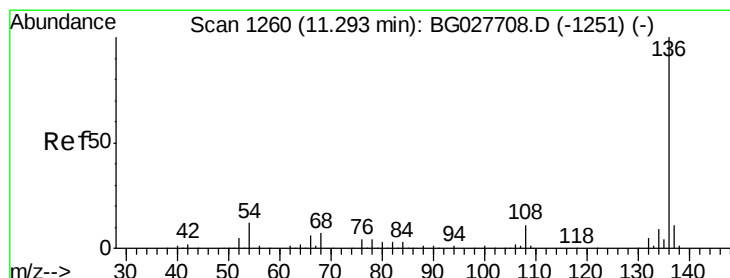
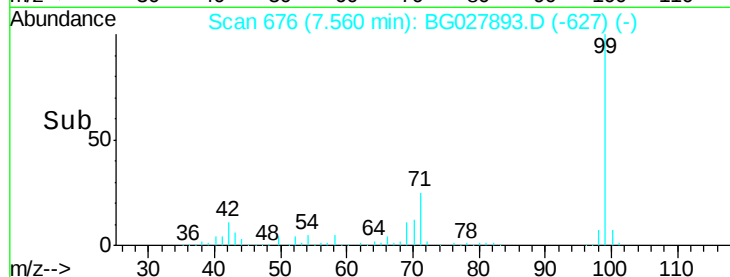
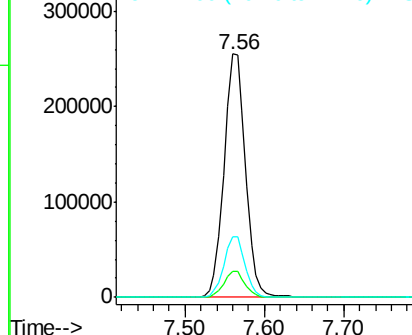
99 100

42 10.8 20.5 30.7#

71 25.0 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: 11.23 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BG027893.D

Acq: 10 Jul 2017 18:49

Tgt Ion: 136 Resp: 183525

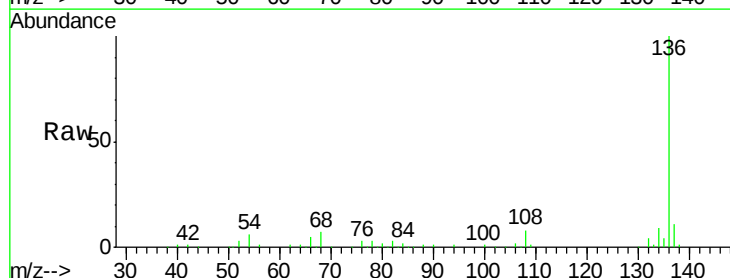
Ion Ratio Lower Upper

136 100

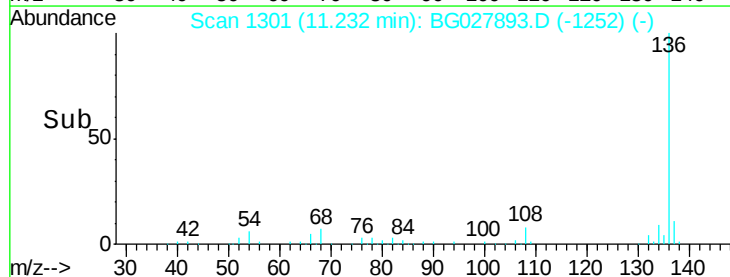
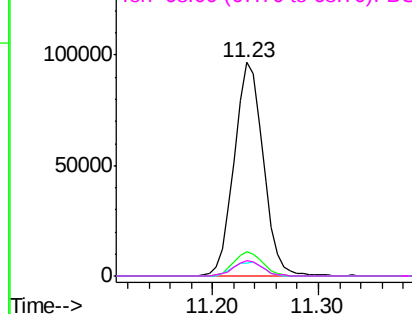
137 11.4 8.9 13.3

54 6.3 9.3 13.9#

68 7.4 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

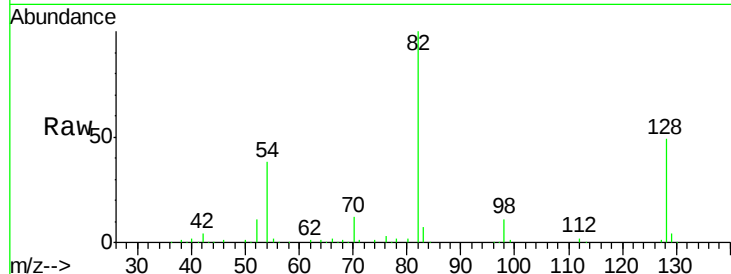




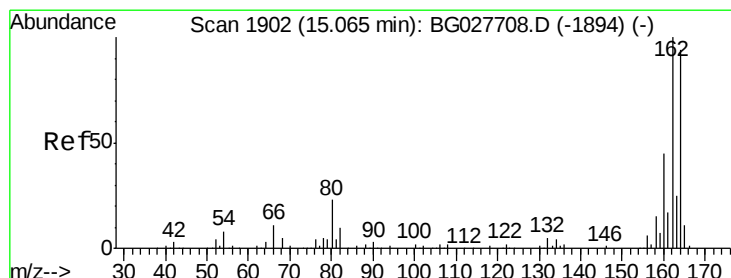
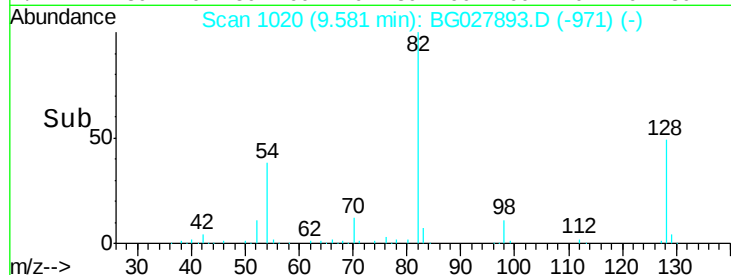
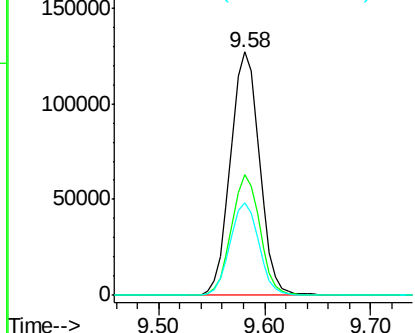
#23
 Nitrobenzene-d5
 Concen: 73.37 ng
 RT: 9.58 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BG027893.D
 Acq: 10 Jul 2017 18:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 241556
 Ion Ratio Lower Upper
 82 100
 128 49.3 26.4 39.6#
 54 38.0 49.4 74.2#

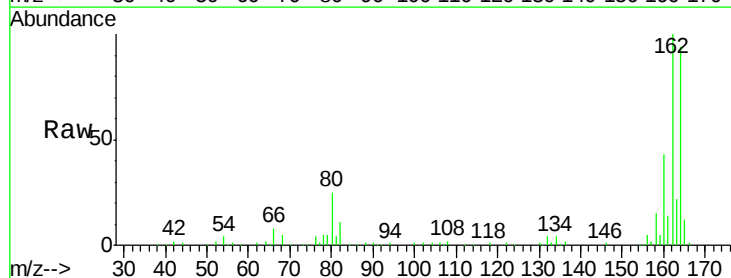


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

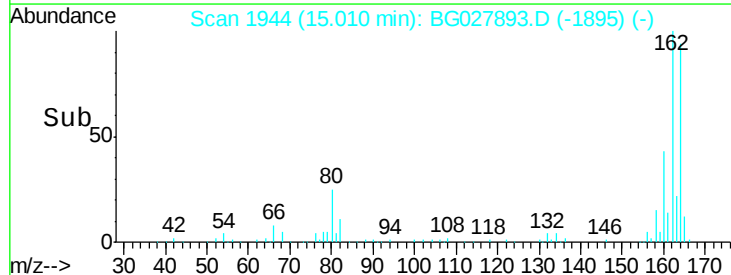
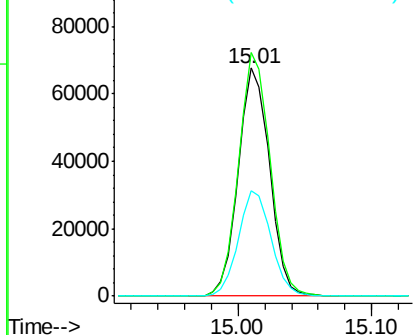


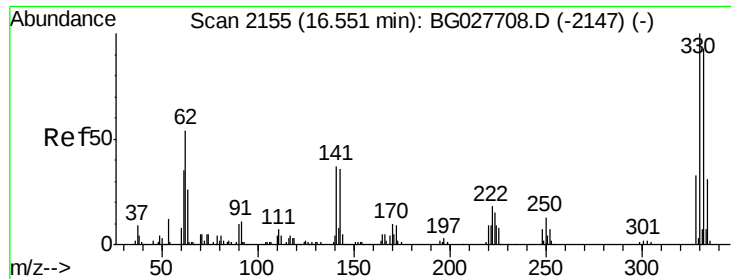
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.01 min Scan# 1944
 Delta R.T. -0.01 min
 Lab File: BG027893.D
 Acq: 10 Jul 2017 18:49

Tgt Ion:164 Resp: 109662
 Ion Ratio Lower Upper
 164 100
 162 106.9 85.1 127.7
 160 46.0 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

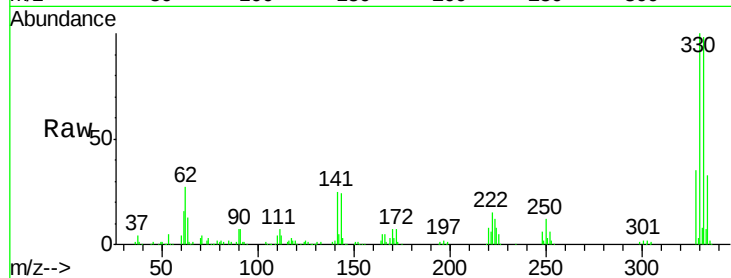




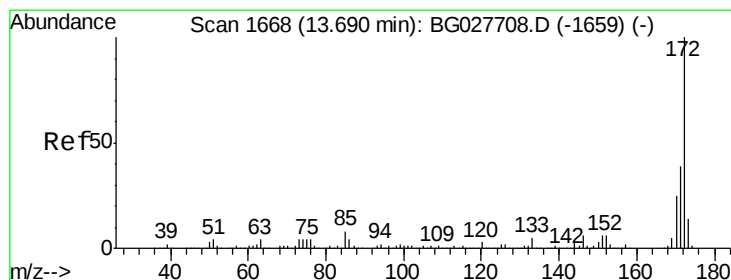
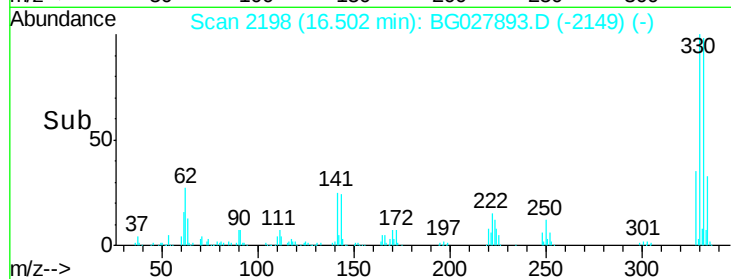
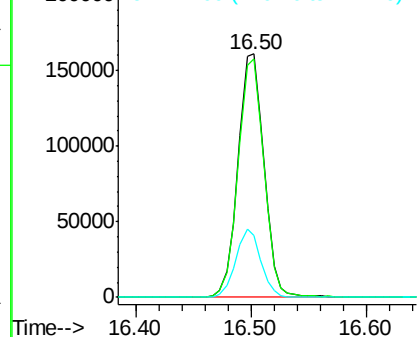
#41
 2,4,6-Tribromophenol
 Concen: 167.22 ng
 RT: 16.50 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BG027893.D
 Acq: 10 Jul 2017 18:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.3	115.9
141	27.4	32.1	48.1

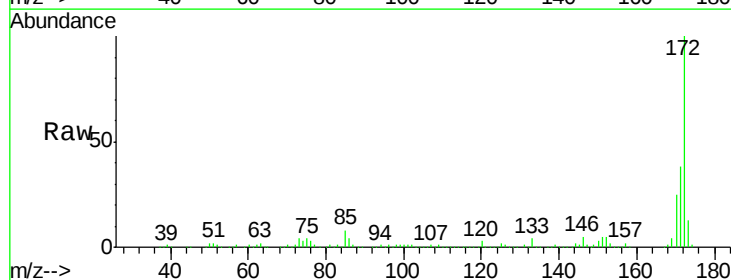


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

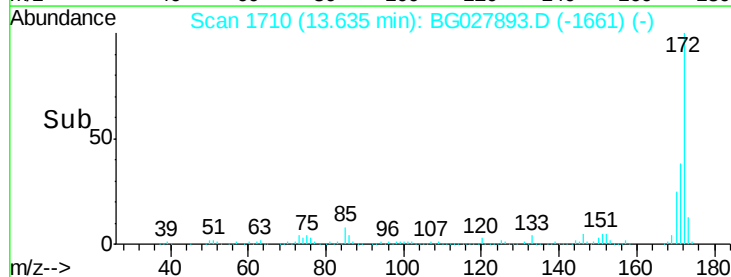
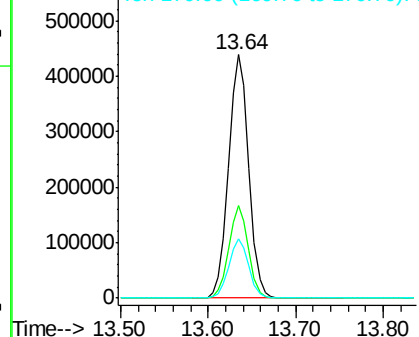


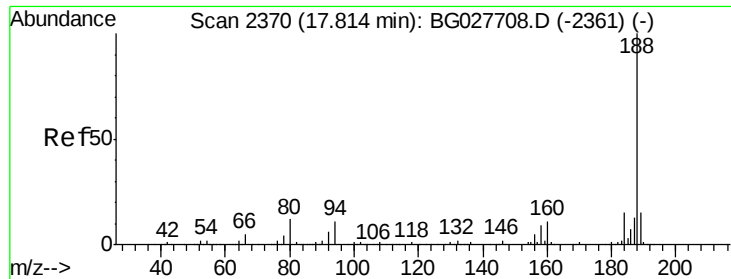
#44
 2-Fluorobiphenyl
 Concen: 90.43 ng
 RT: 13.64 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG027893.D
 Acq: 10 Jul 2017 18:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	32.2	48.2
170	24.6	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

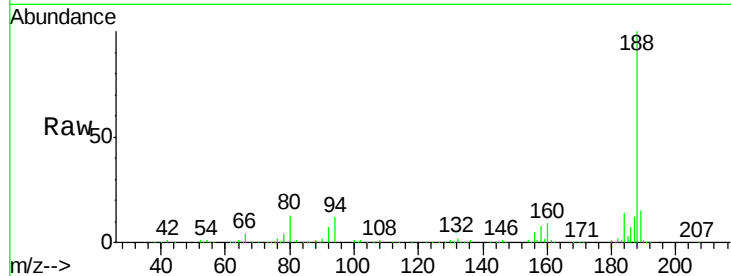




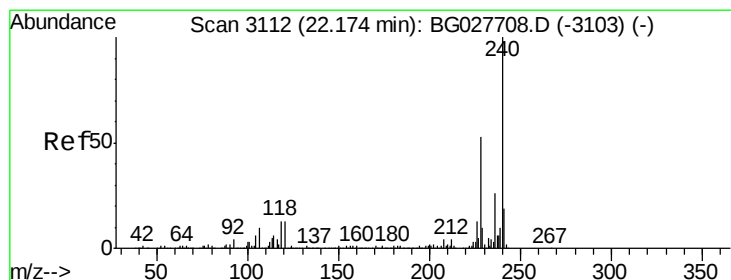
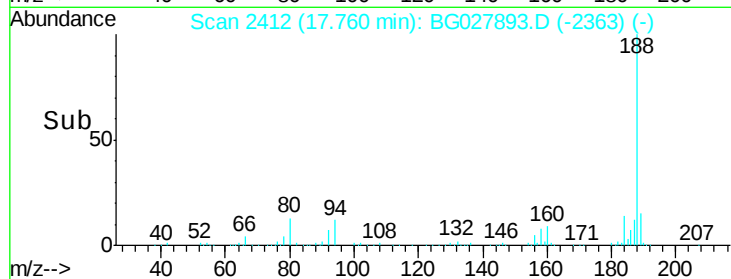
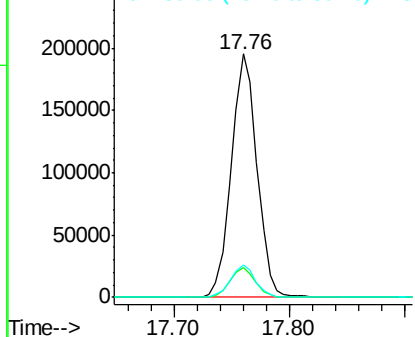
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.76 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BG027893.D
Acq: 10 Jul 2017 18:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 300699
Ion Ratio Lower Upper
188 100
94 12.0 5.8 8.8#
80 13.2 7.5 11.3#

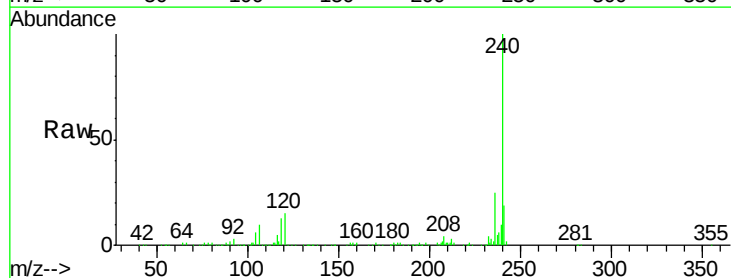


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

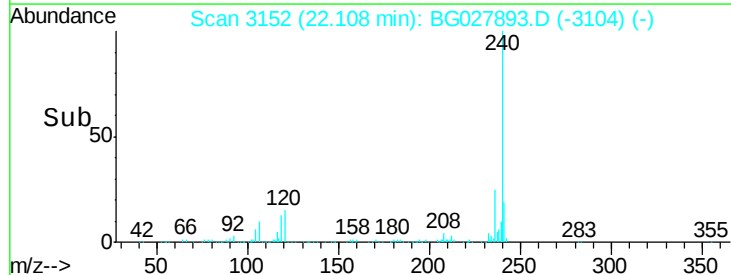
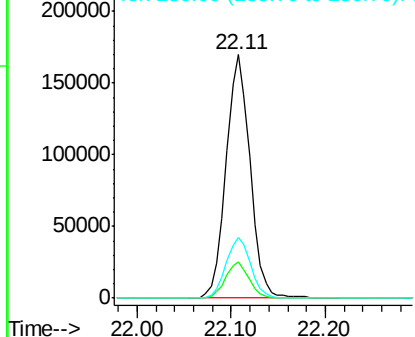


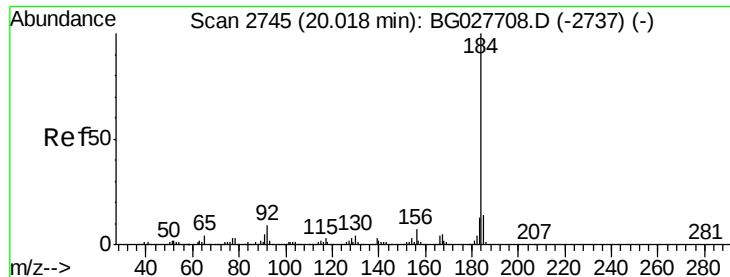
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.11 min Scan# 3152
Delta R.T. -0.02 min
Lab File: BG027893.D
Acq: 10 Jul 2017 18:49

Tgt Ion:240 Resp: 301330
Ion Ratio Lower Upper
240 100
120 15.0 5.7 8.5#
236 24.7 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

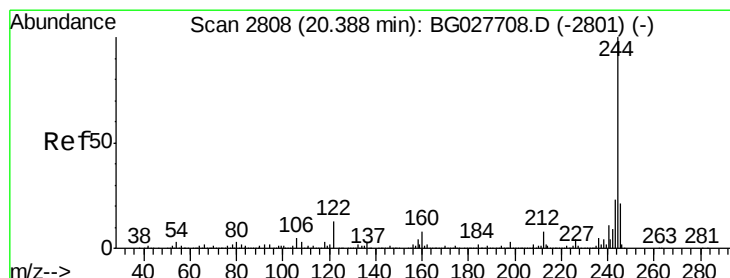
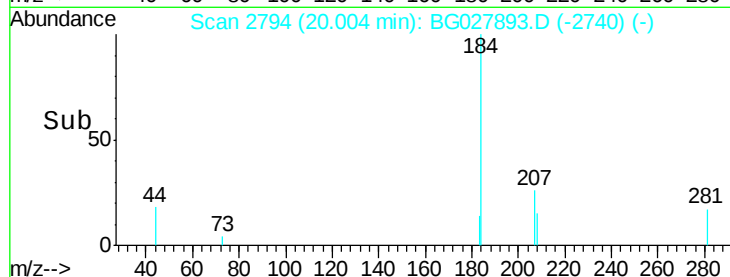
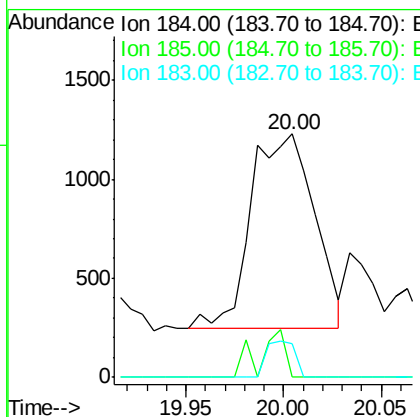
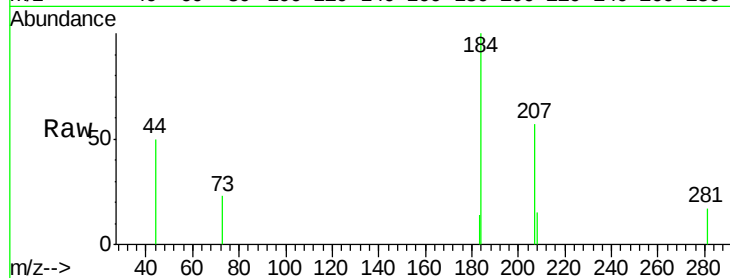




#76
Benzidine
Concen: 3.50 ng
RT: 20.00 min Scan# 2794
Delta R.T. 0.01 min
Lab File: BG027893.D
Acq: 10 Jul 2017 18:49

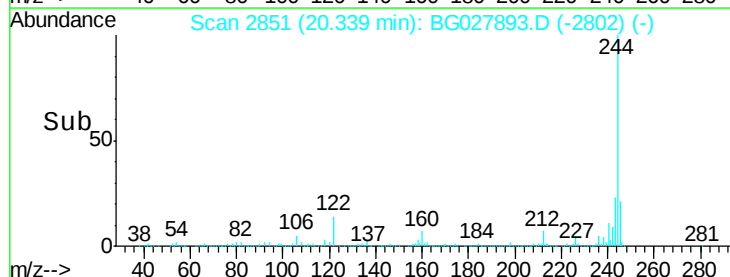
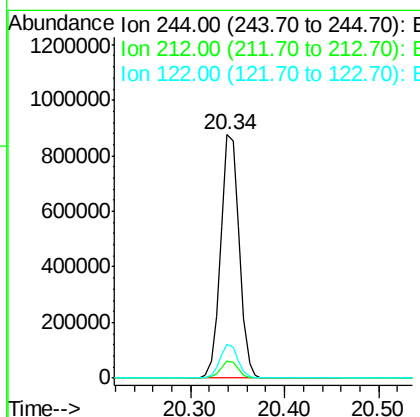
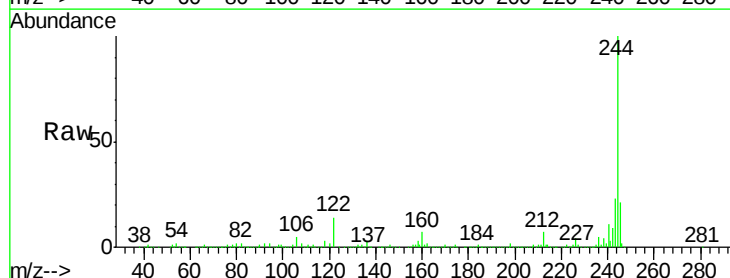
Instrument :
BNA_G
ClientSampleId :

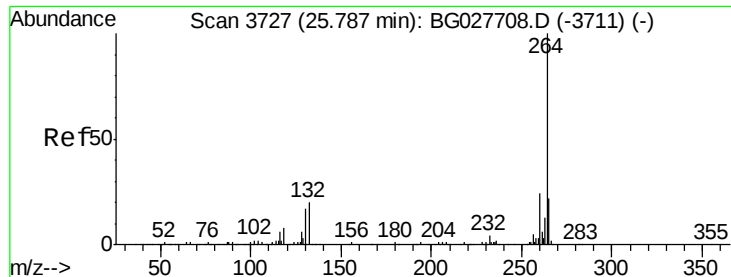
Tot Ion:184 Resp: 2201
Ion Ratio Lower Upper
184 100
185 0.0 13.0 19.6#
183 13.6 11.0 16.6



#78
Terphenyl-d14
Concen: 93.63 ng
RT: 20.34 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BG027893.D
Acq: 10 Jul 2017 18:49

Tgt Ion:244 Resp: 1203460
Ion Ratio Lower Upper
244 100
212 6.8 10.0 15.0#
122 14.0 8.6 12.8#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.67 min Scan# 3758
Delta R.T. -0.03 min
Lab File: BG027893.D
Acq: 10 Jul 2017 18:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	21.8	32.8
265	21.6	18.2	27.4

