

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071017\
 Data File : BG027912.D
 Acq On : 11 Jul 2017 10:20
 Operator : SJ/JU
 Sample : I4082-08
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BIN-6-COMP

Quant Time: Jul 11 13:17:09 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

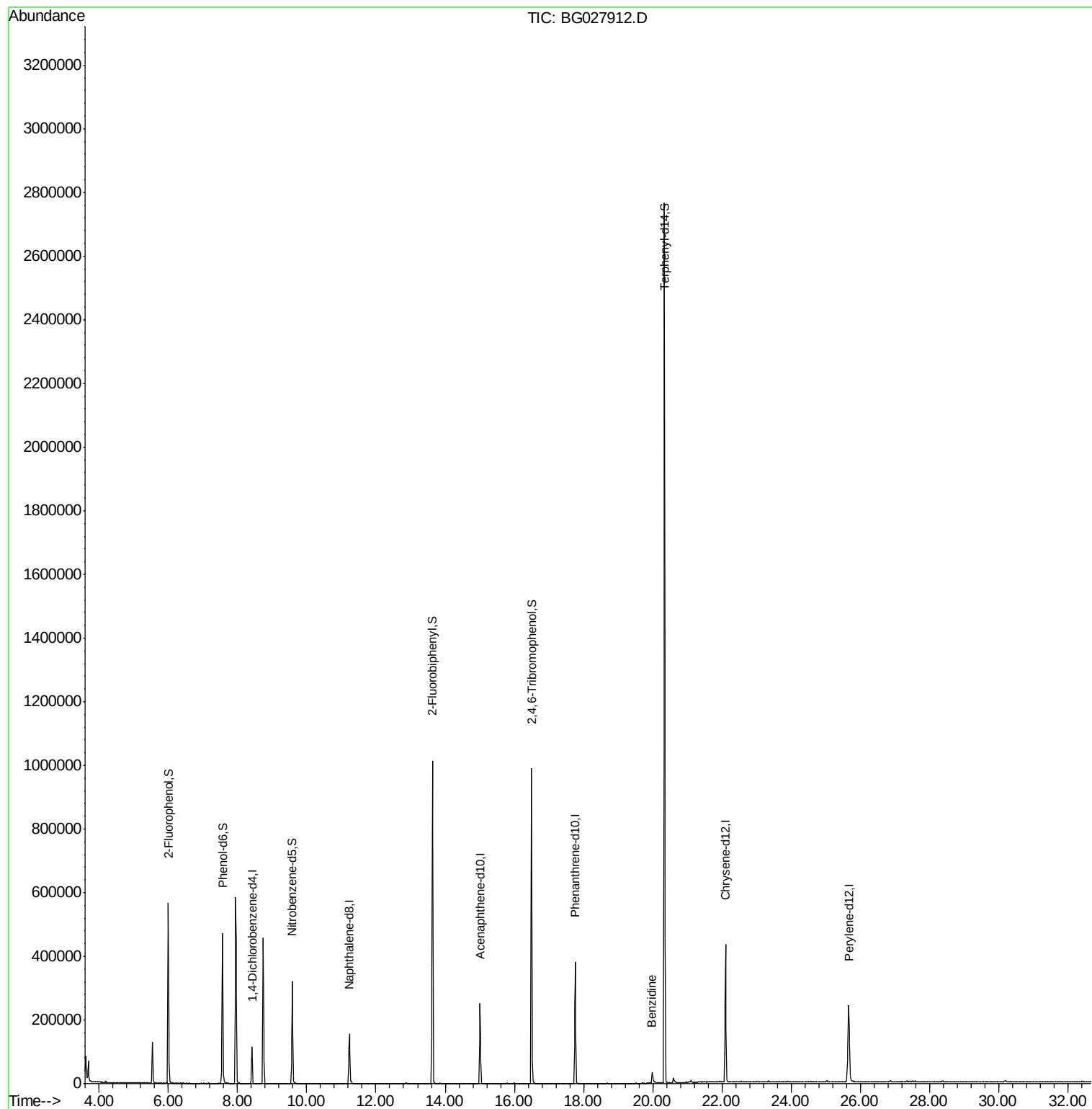
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	40503	20.00	ng	0.00
21) Naphthalene-d8	11.23	136	165692	20.00	ng	-0.01
38) Acenaphthene-d10	15.01	164	92920	20.00	ng	-0.01
63) Phenanthrene-d10	17.76	188	251407	20.00	ng	-0.01
75) Chrysene-d12	22.10	240	293480	20.00	ng	-0.03
86) Perylene-d12	25.66	264	281966	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.00	112	321995	122.42	ng	0.00
7) Phenol-d6	7.57	99	391596	97.46	ng	0.00
23) Nitrobenzene-d5	9.58	82	232369	78.17	ng	-0.01
41) 2,4,6-Tribromophenol	16.50	330	237473	186.33	ng	-0.02
44) 2-Fluorobiphenyl	13.64	172	600836	92.35	ng	-0.01
78) Terphenyl-d14	20.34	244	1290699	103.10	ng	-0.01
Target Compounds						
76) Benzidine	19.99	184	41244	8.725	ng	Qvalue # 94

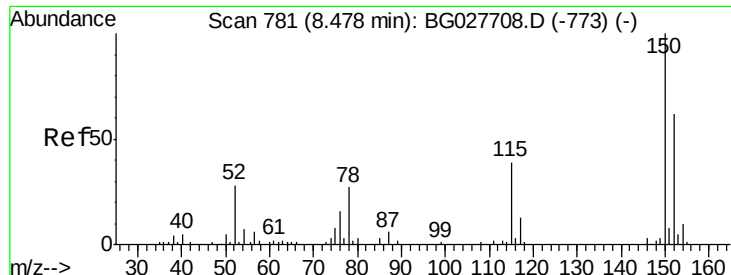
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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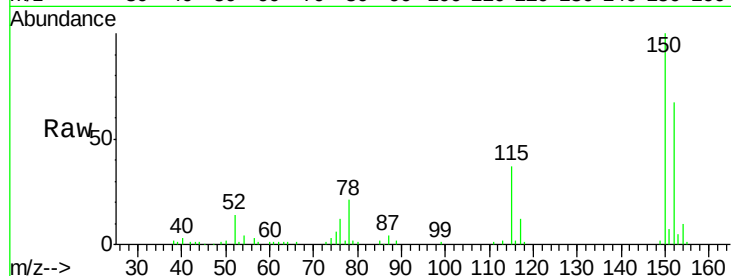


#1

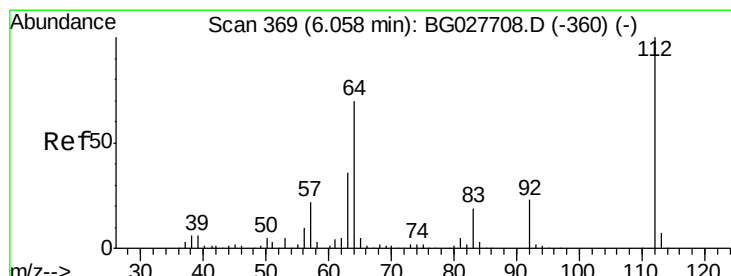
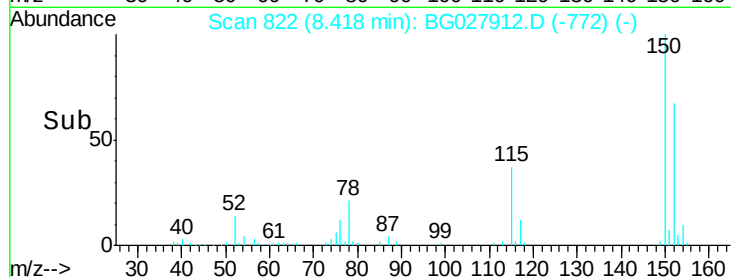
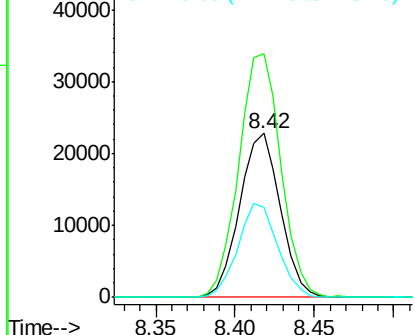
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.42 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG027912.D
Acq: 11 Jul 2017 10:20

Instrument :
BNA_G
ClientSampleId :
BIN-6-COMP

Tgt Ion:152 Resp: 40503
Ion Ratio Lower Upper
152 100
150 148.4 114.0 171.0
115 55.2 48.1 72.1



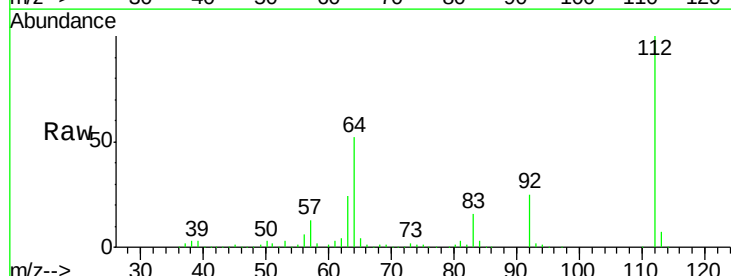
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



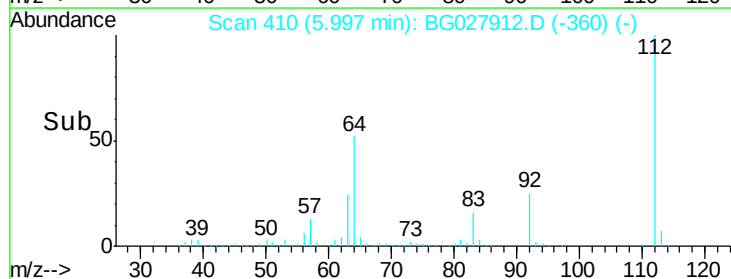
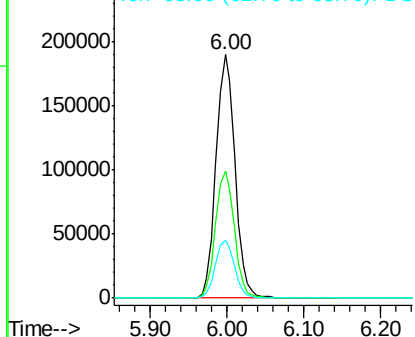
#5

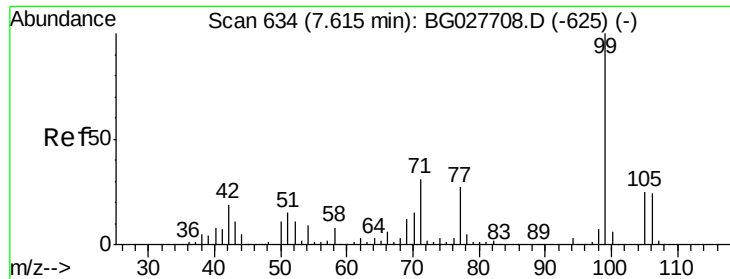
2-Fluorophenol
Concen: 122.421 ng
RT: 6.00 min Scan# 410
Delta R.T. -0.01 min
Lab File: BG027912.D
Acq: 11 Jul 2017 10:20

Tgt Ion:112 Resp: 321995
Ion Ratio Lower Upper
112 100
64 52.2 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: 97.456 ng

RT: 7.57 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG027912.D

Acq: 11 Jul 2017 10:20

Instrument :

BNA_G

ClientSampled :

BIN-6-COMP

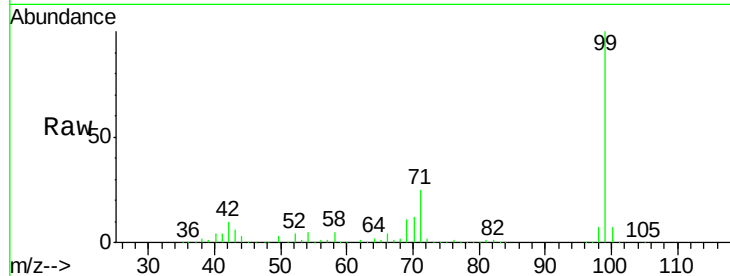
Tgt Ion: 99 Resp: 391596

Ion Ratio Lower Upper

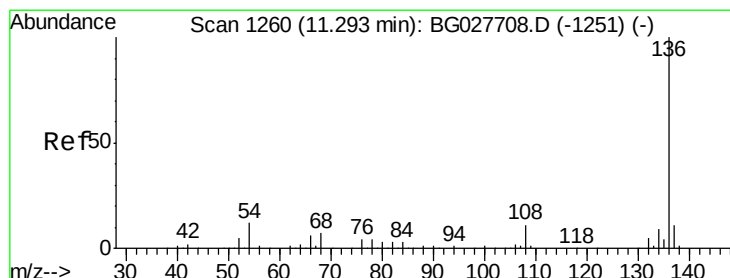
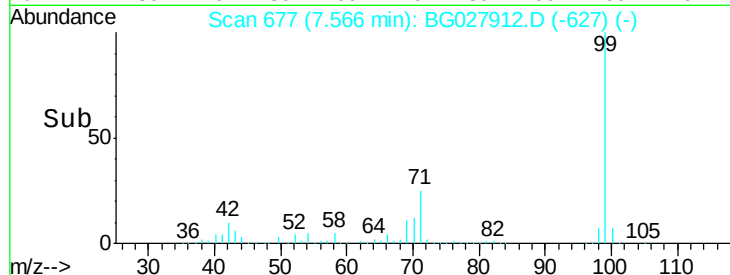
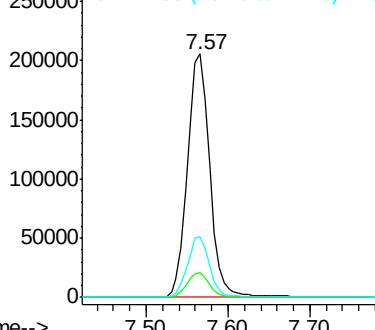
99 100

42 10.0 20.5 30.7#

71 24.7 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: 20.000 ng

RT: 11.23 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BG027912.D

Acq: 11 Jul 2017 10:20

Tgt Ion: 136 Resp: 165692

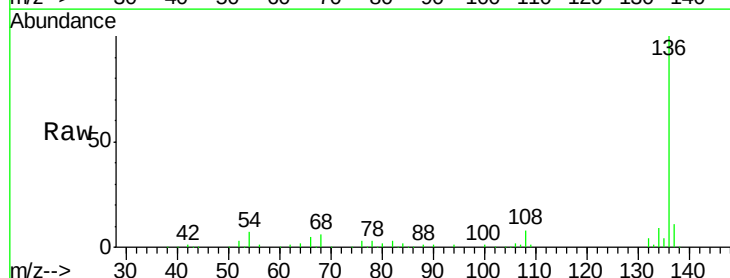
Ion Ratio Lower Upper

136 100

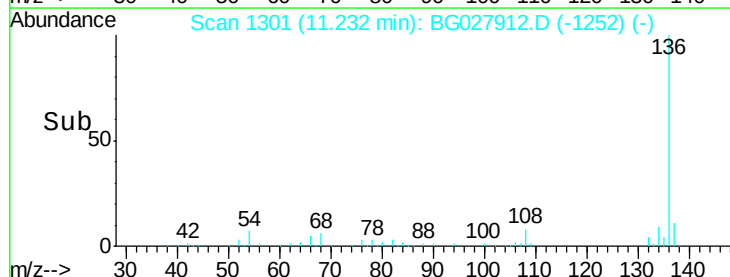
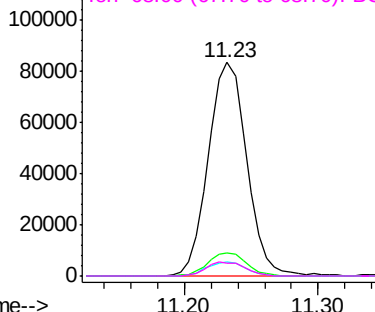
137 10.7 8.9 13.3

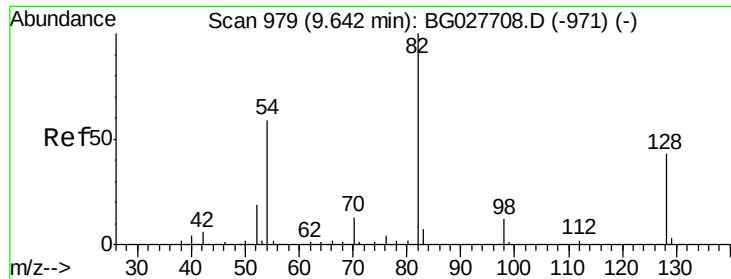
54 6.8 9.3 13.9#

68 6.2 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

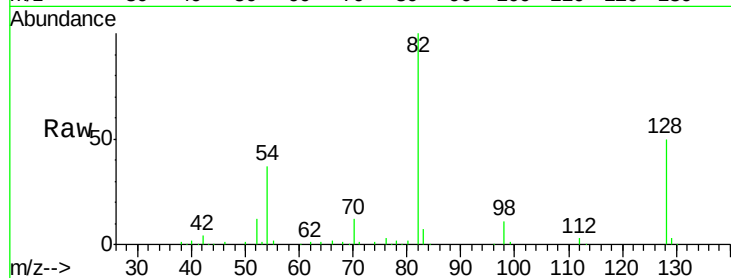




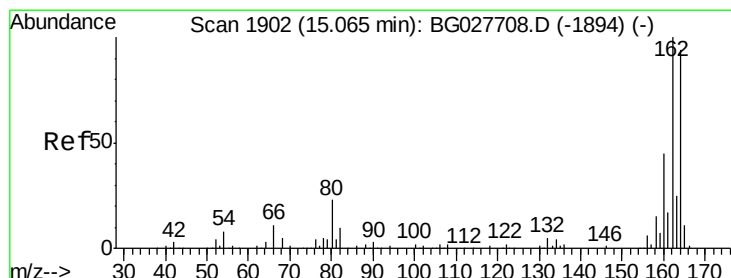
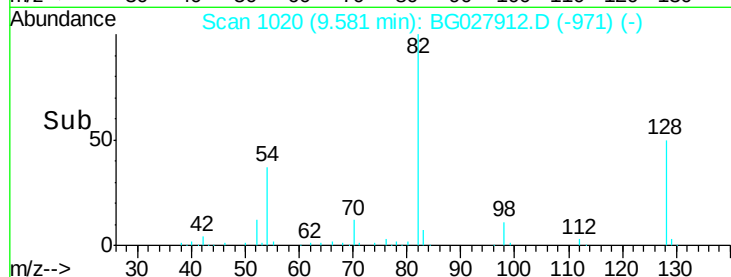
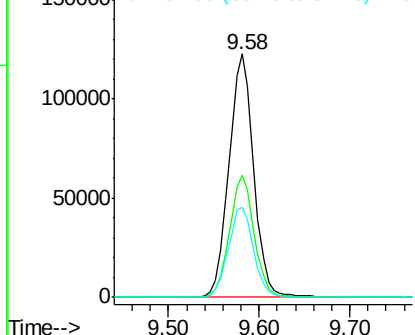
#23
 Nitrobenzene-d5
 Concen: 78.172 ng
 RT: 9.58 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BG027912.D
 Acq: 11 Jul 2017 10:20

Instrument :
 BNA_G
 ClientSampleId :
 BIN-6-COMP

Tgt Ion: 82 Resp: 232369
 Ion Ratio Lower Upper
 82 100
 128 50.4 26.4 39.6#
 54 36.9 49.4 74.2#

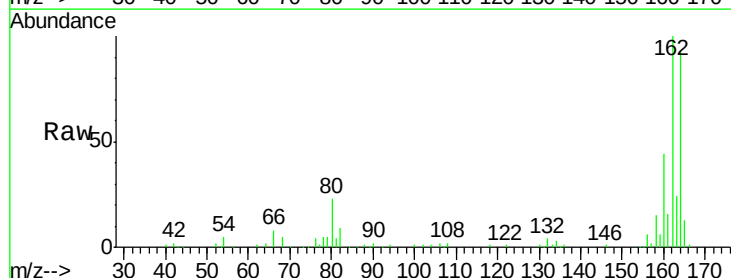


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

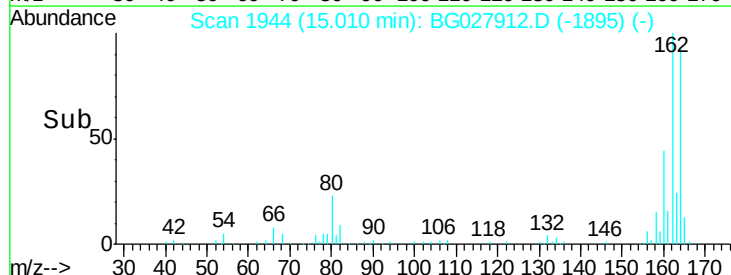
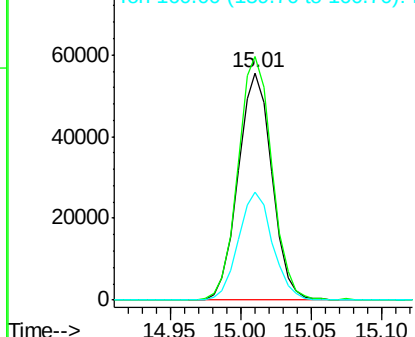


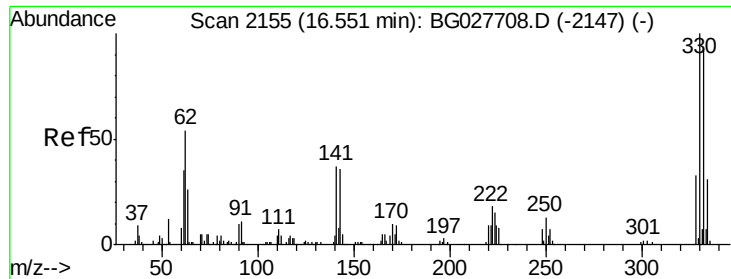
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.01 min Scan# 1944
 Delta R.T. -0.01 min
 Lab File: BG027912.D
 Acq: 11 Jul 2017 10:20

Tgt Ion: 164 Resp: 92920
 Ion Ratio Lower Upper
 164 100
 162 107.2 85.1 127.7
 160 47.4 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

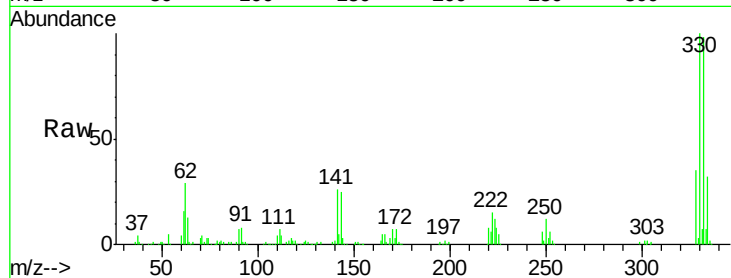




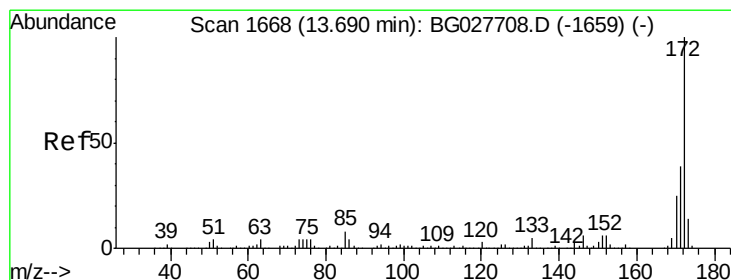
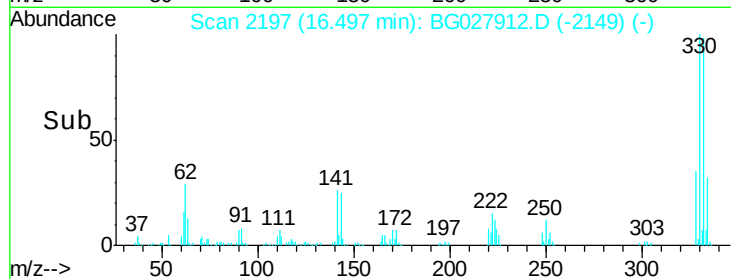
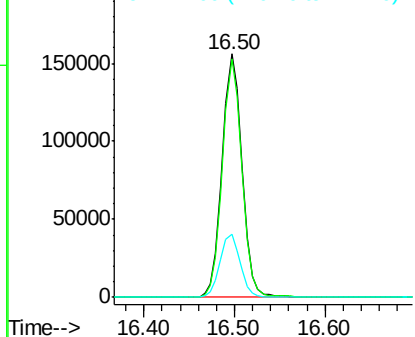
#41
 2,4,6-Tribromophenol
 Concen: 186.327 ng
 RT: 16.50 min Scan# 2197
 Delta R.T. -0.02 min
 Lab File: BG027912.D
 Acq: 11 Jul 2017 10:20

Instrument :
 BNA_G
 ClientSampleId :
 BIN-6-COMP

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.3	115.9
141	26.4	32.1	48.1#

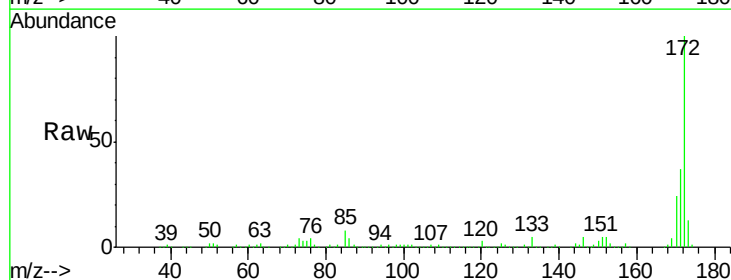


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

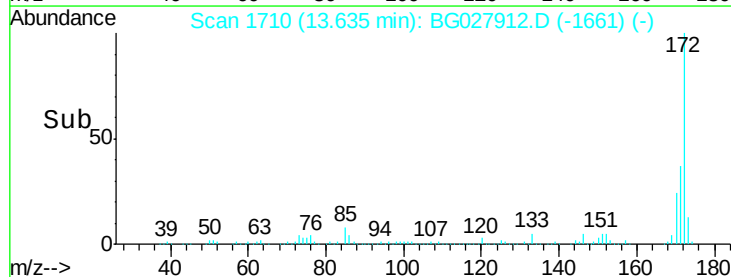
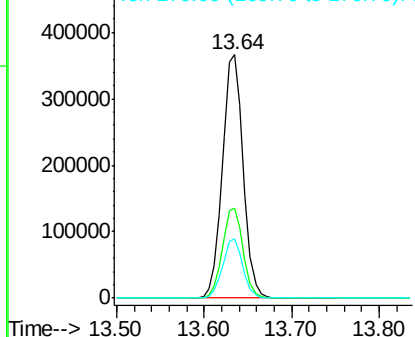


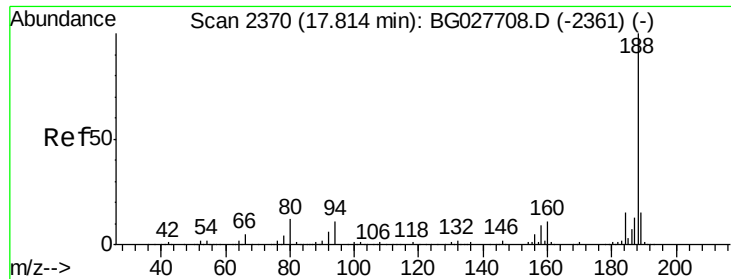
#44
 2-Fluorobiphenyl
 Concen: 92.348 ng
 RT: 13.64 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG027912.D
 Acq: 11 Jul 2017 10:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	32.2	48.2
170	24.3	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

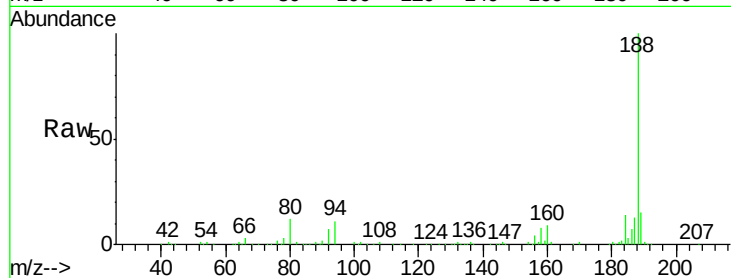




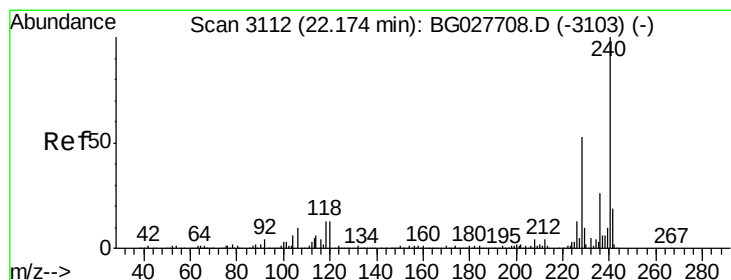
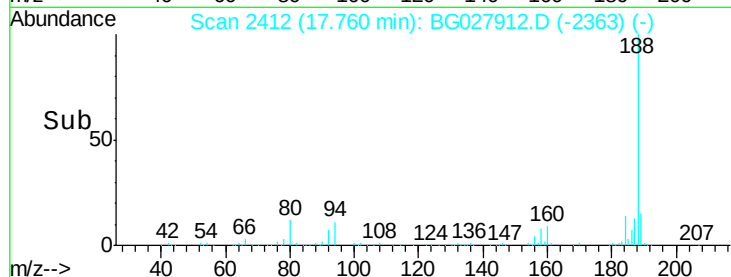
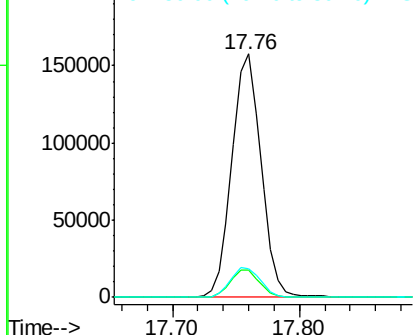
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.76 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BG027912.D
Acq: 11 Jul 2017 10:20

Instrument :
BNA_G
ClientSampleId :
BIN-6-COMP

Tgt Ion:188 Resp: 251407
Ion Ratio Lower Upper
188 100
94 11.4 5.8 8.8#
80 11.6 7.5 11.3#

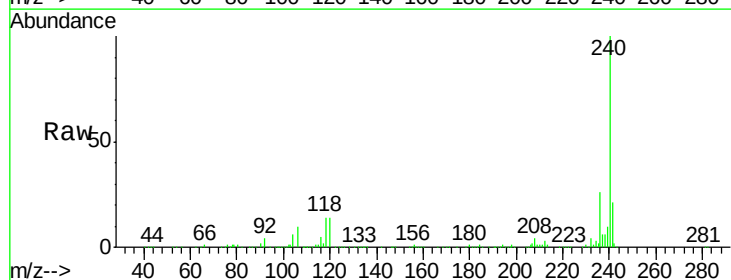


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

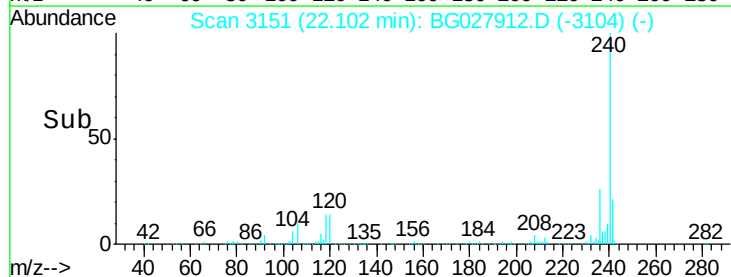
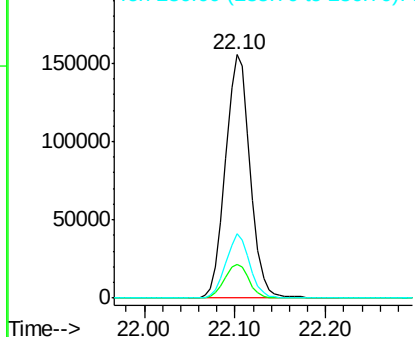


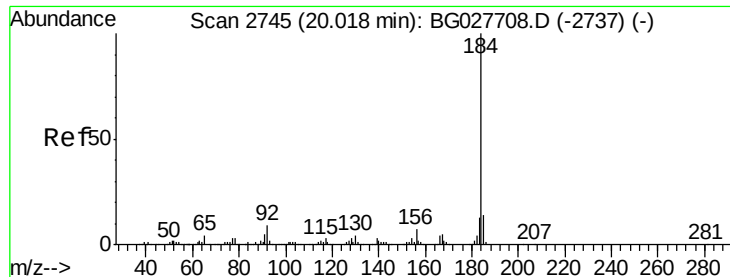
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.10 min Scan# 3151
Delta R.T. -0.03 min
Lab File: BG027912.D
Acq: 11 Jul 2017 10:20

Tgt Ion:240 Resp: 293480
Ion Ratio Lower Upper
240 100
120 13.9 5.7 8.5#
236 26.3 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: 8.725 ng

RT: 19.99 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BG027912.D

Acq: 11 Jul 2017 10:20

Instrument :

BNA_G

ClientSampleId :

BIN-6-COMP

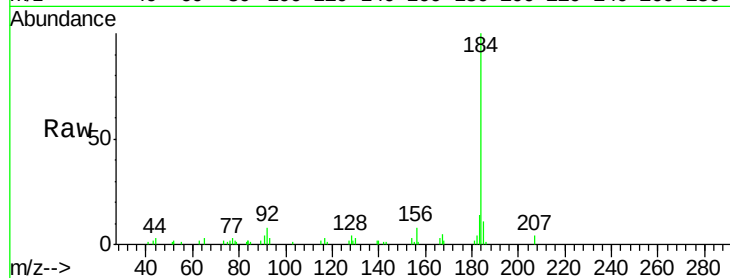
Tgt Ion:184 Resp: 41244

Ion Ratio Lower Upper

184 100

185 11.4 13.0 19.6#

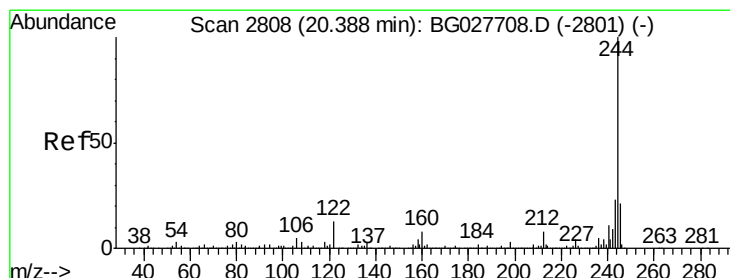
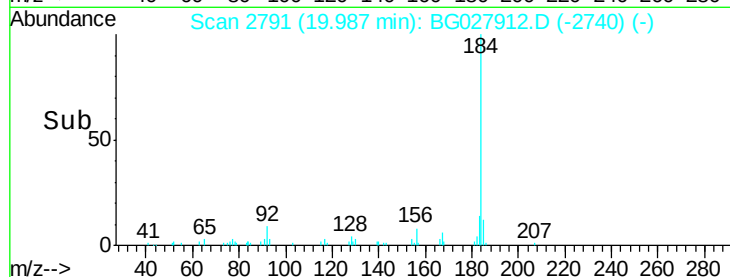
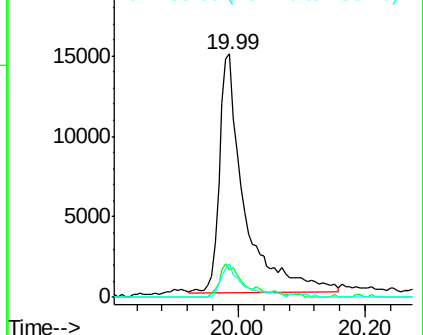
183 13.8 11.0 16.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 103.103 ng

RT: 20.34 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG027912.D

Acq: 11 Jul 2017 10:20

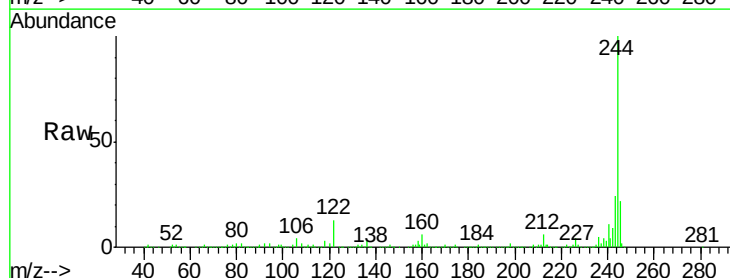
Tgt Ion:244 Resp: 1290699

Ion Ratio Lower Upper

244 100

212 6.3 10.0 15.0#

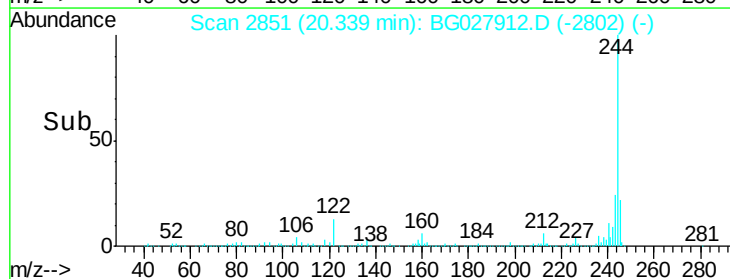
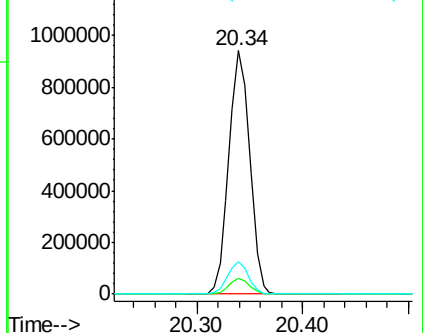
122 13.5 8.6 12.8#

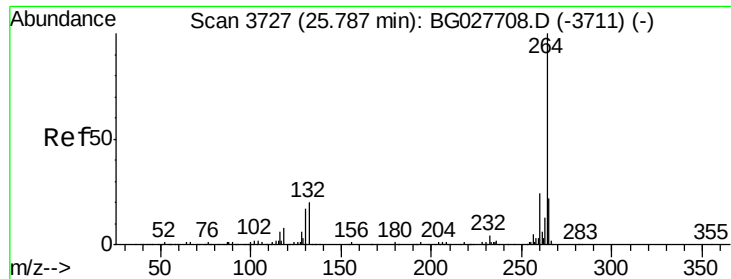


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.66 min Scan# 3757
Delta R.T. -0.04 min
Lab File: BG027912.D
Acq: 11 Jul 2017 10:20

Instrument :
BNA_G
ClientSampleId :
BIN-6-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	21.8	32.8
265	20.7	18.2	27.4

