

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060817\
 Data File : BG027326.D
 Acq On : 8 Jun 2017 20:57
 Operator : SJ/MA
 Sample : I3460-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-113

Quant Time: Jun 09 06:06:15 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:00:35 2017
 Response via : Initial Calibration

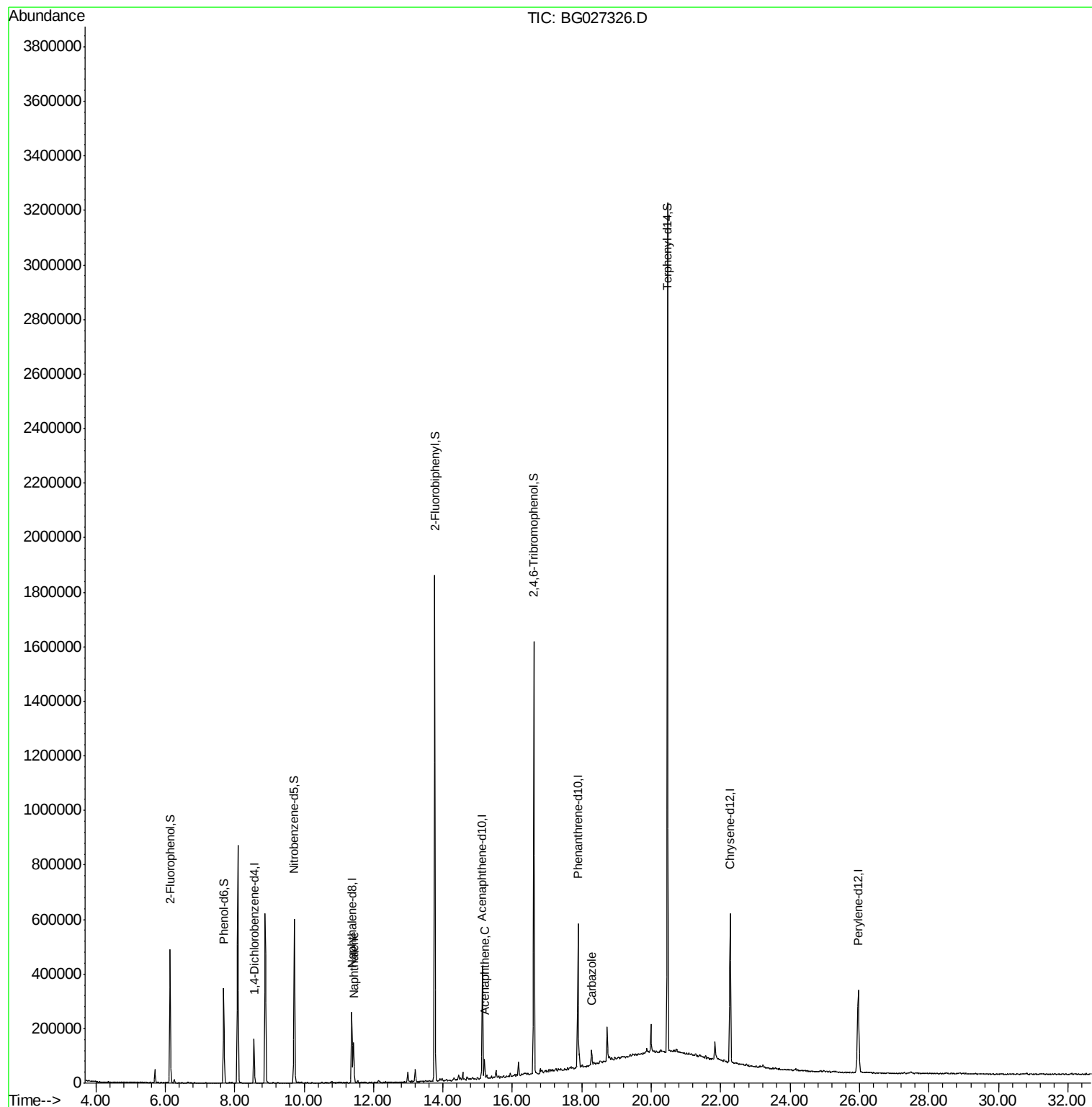
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.56	152	46071	20.00	ng	-0.02
21) Naphthalene-d8	11.37	136	232363	20.00	ng	-0.03
38) Acenaphthene-d10	15.13	164	150962	20.00	ng	-0.03
63) Phenanthrene-d10	17.89	188	339370	20.00	ng	-0.03
75) Chrysene-d12	22.27	240	380351	20.00	ng	-0.04
86) Perylene-d12	25.96	264	357571	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	231001	76.51	ng	-0.01
7) Phenol-d6	7.69	99	224192	50.59	ng	-0.01
23) Nitrobenzene-d5	9.72	82	411456	111.36	ng	-0.02
41) 2,4,6-Tribromophenol	16.62	330	318346	160.14	ng	-0.03
44) 2-Fluorobiphenyl	13.76	172	965880	89.51	ng	-0.03
78) Terphenyl-d14	20.47	244	1414672	94.88	ng	-0.03
Target Compounds						
31) Naphthalene	11.43	128	127465	10.037	ng	Qvalue 100
51) Acenaphthene	15.20	154	26089	2.565	ng	94
72) Carbazole	18.28	167	38173	2.116	ng	97

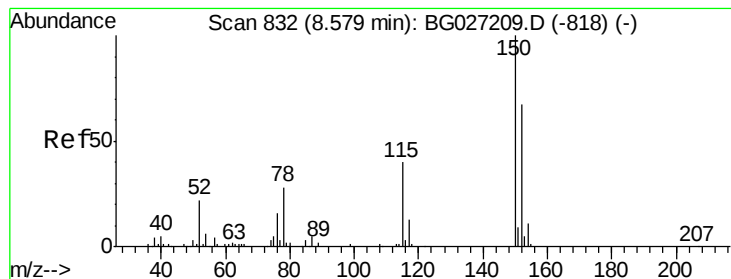
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060817\
Data File : BG027326.D
Acq On : 8 Jun 2017 20:57
Operator : SJ/MA
Sample : I3460-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-113

Quant Time: Jun 09 06:06:15 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:00:35 2017
Response via : Initial Calibration



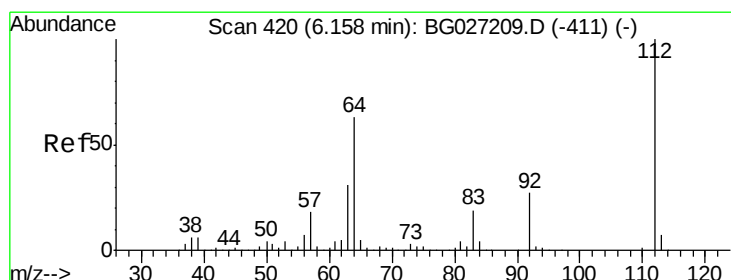
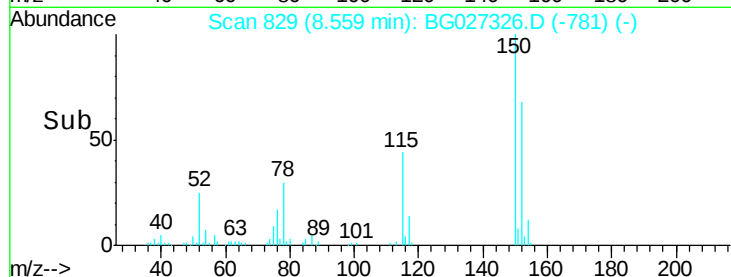
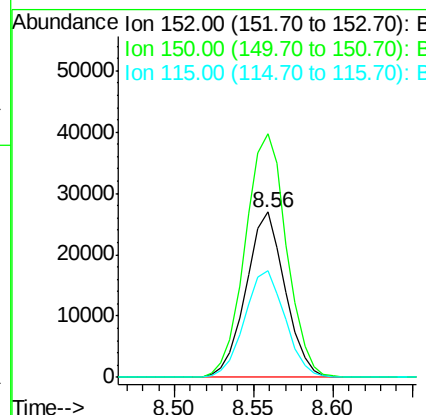
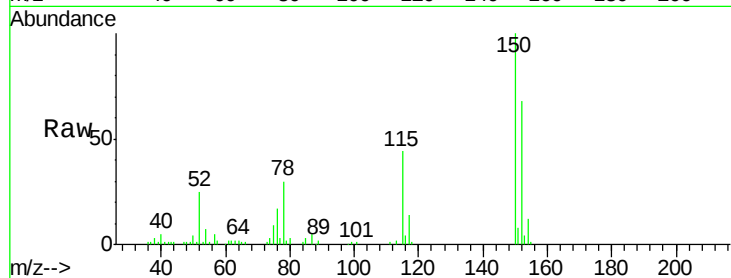


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.56 min Scan# 829
Delta R.T. -0.02 min
Lab File: BG027326.D
Acq: 8 Jun 2017 20:57

Instrument :
BNA_G
ClientSampled :
MW-113

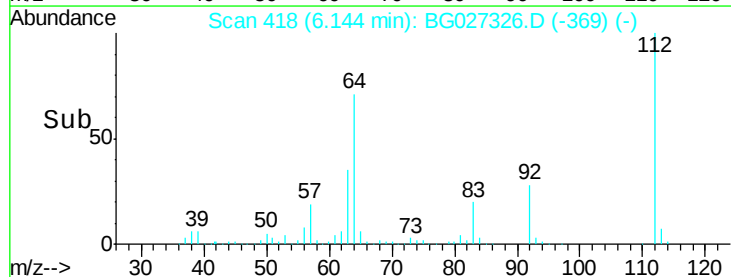
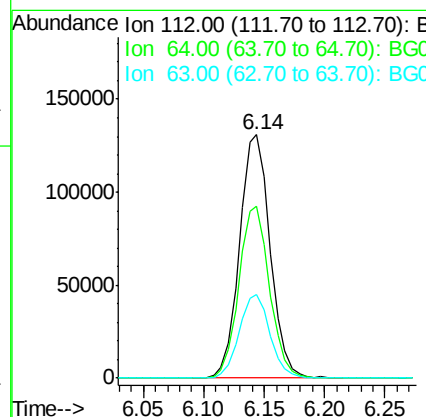
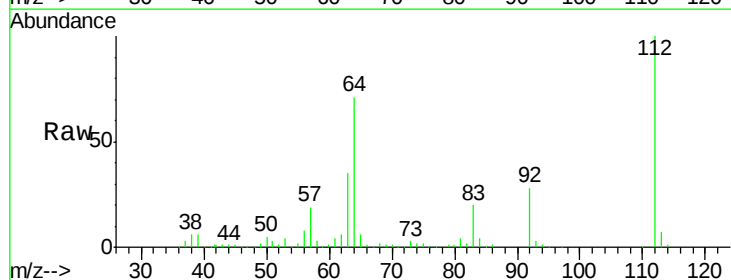
Tgt Ion:152 Resp: 46071
Ion Ratio Lower Upper
152 100
150 147.3 114.0 171.0
115 64.6 48.1 72.1

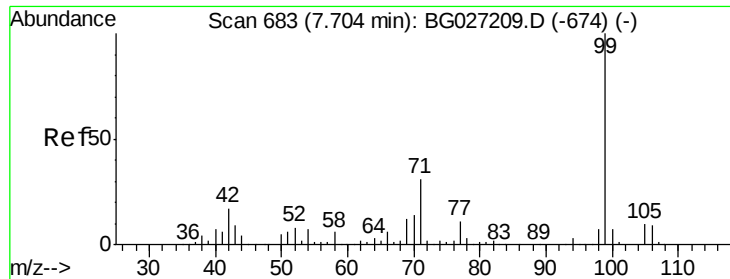


#5

2-Fluorophenol
Concen: 76.512 ng
RT: 6.14 min Scan# 418
Delta R.T. -0.01 min
Lab File: BG027326.D
Acq: 8 Jun 2017 20:57

Tgt Ion:112 Resp: 231001
Ion Ratio Lower Upper
112 100
64 70.7 61.8 92.6
63 34.5 37.2 55.8#





#7

Phenol-d6

Concen: 50.587 ng

RT: 7.69 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG027326.D

Acq: 8 Jun 2017 20:57

Instrument :

BNA_G

ClientSampleId :

MW-113

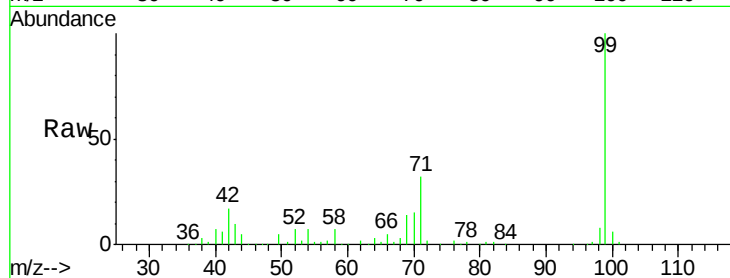
Tgt Ion: 99 Resp: 224192

Ion Ratio Lower Upper

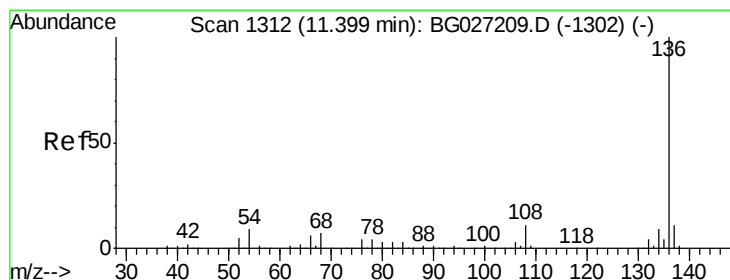
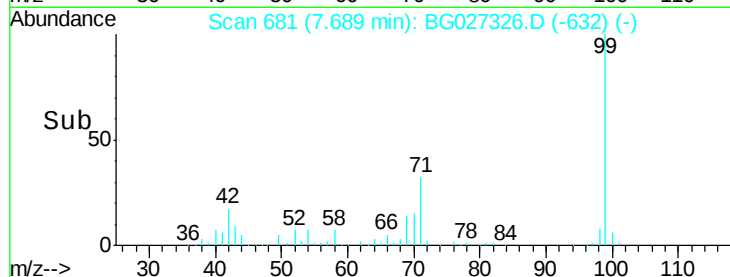
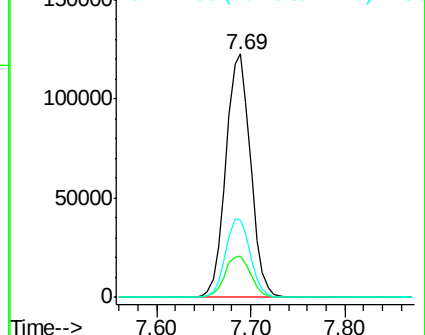
99 100

42 17.1 20.5 30.7#

71 31.7 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: 11.37 min Scan# 1308

Delta R.T. -0.03 min

Lab File: BG027326.D

Acq: 8 Jun 2017 20:57

Tgt Ion: 136 Resp: 232363

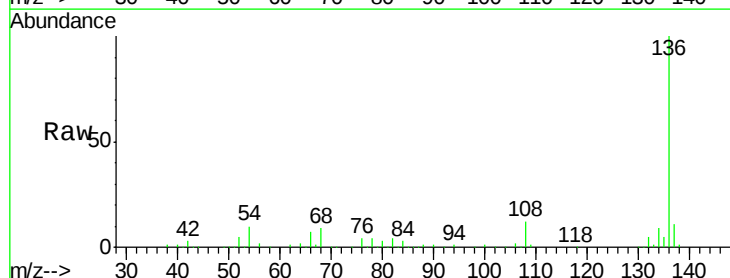
Ion Ratio Lower Upper

136 100

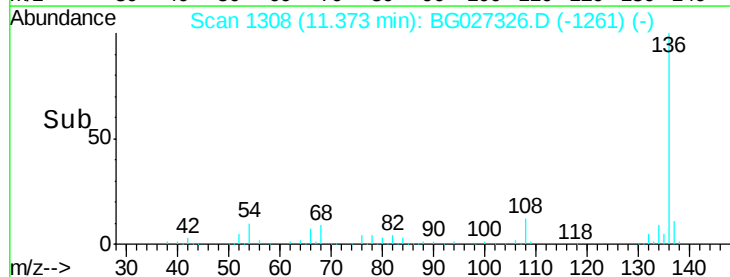
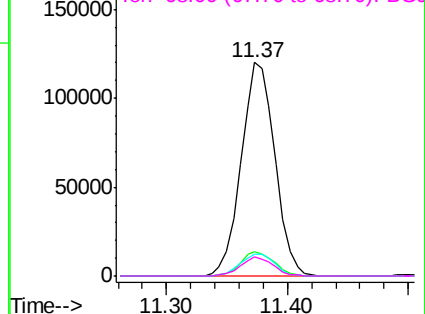
137 11.2 8.9 13.3

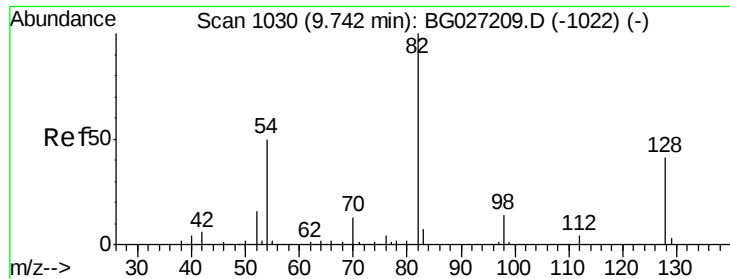
54 10.3 9.3 13.9

68 8.9 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

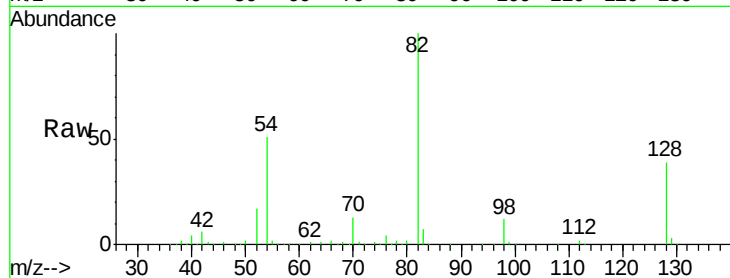




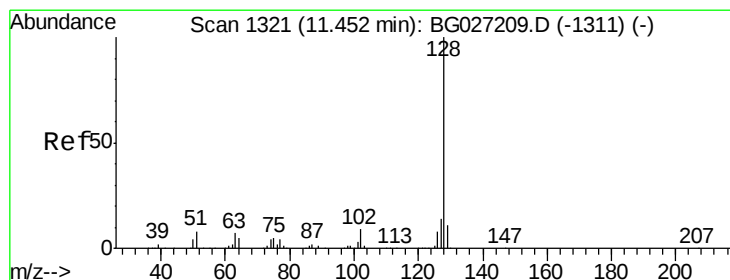
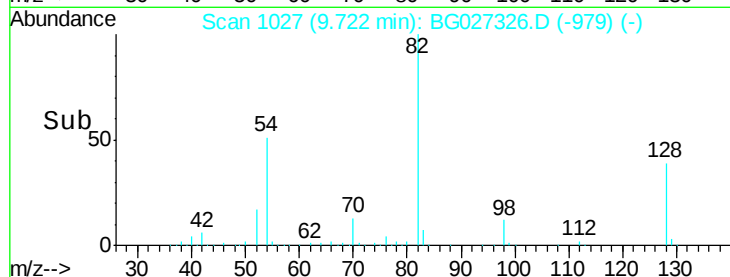
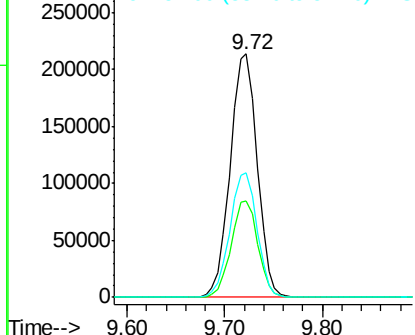
#23
 Nitrobenzene-d5
 Concen: 111.362 ng
 RT: 9.72 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BG027326.D
 Acq: 8 Jun 2017 20:57

Instrument :
 BNA_G
 ClientSampleId :
 MW-113

Tgt Ion: 82 Resp: 411456
 Ion Ratio Lower Upper
 82 100
 128 39.5 26.4 39.6
 54 51.0 49.4 74.2

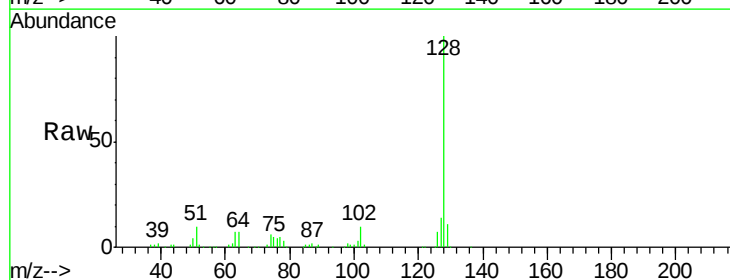


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

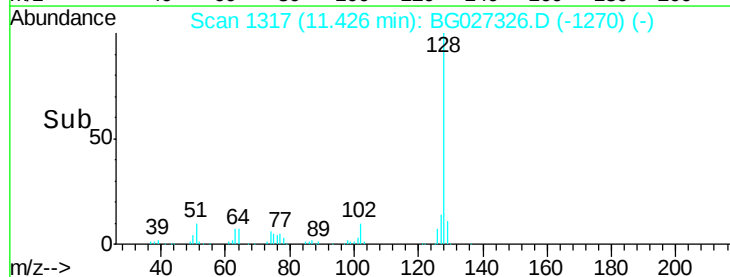
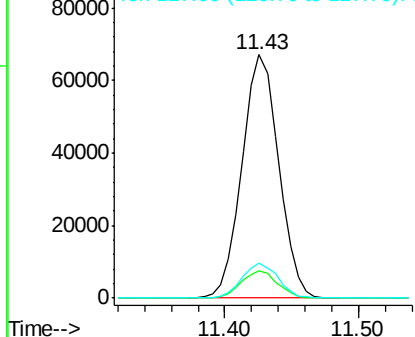


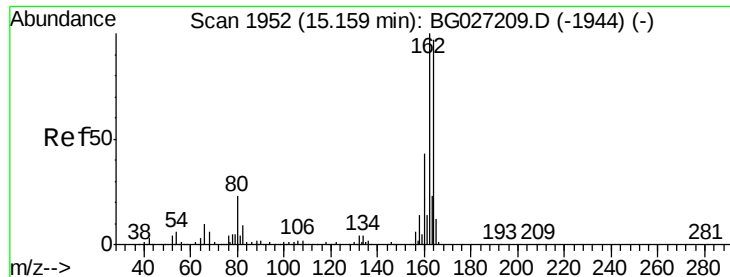
#31
 Naphthalene
 Concen: 10.037 ng
 RT: 11.43 min Scan# 1317
 Delta R.T. -0.03 min
 Lab File: BG027326.D
 Acq: 8 Jun 2017 20:57

Tgt Ion: 128 Resp: 127465
 Ion Ratio Lower Upper
 128 100
 129 11.5 9.3 13.9
 127 14.1 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): BGC
 Ion 129.00 (128.70 to 129.70): BGC
 Ion 127.00 (126.70 to 127.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.13 min Scan# 1948

Delta R.T. -0.03 min

Lab File: BG027326.D

Acq: 8 Jun 2017 20:57

Instrument :

BNA_G

ClientSampleId :

MW-113

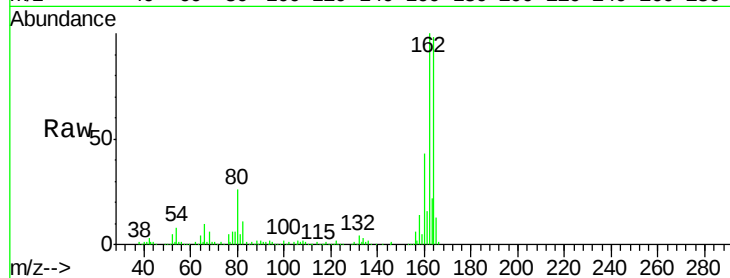
Tgt Ion:164 Resp: 150962

Ion Ratio Lower Upper

164 100

162 101.6 85.1 127.7

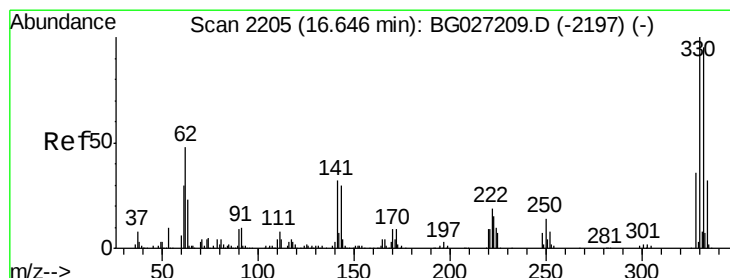
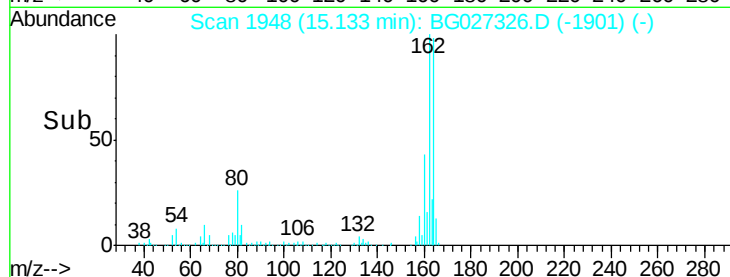
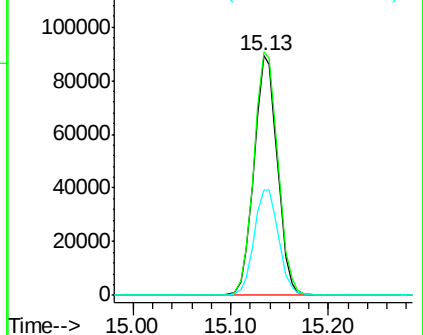
160 43.7 34.7 52.1



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



#41

2,4,6-Tribromophenol

Concen: 160.141 ng

RT: 16.62 min Scan# 2201

Delta R.T. -0.03 min

Lab File: BG027326.D

Acq: 8 Jun 2017 20:57

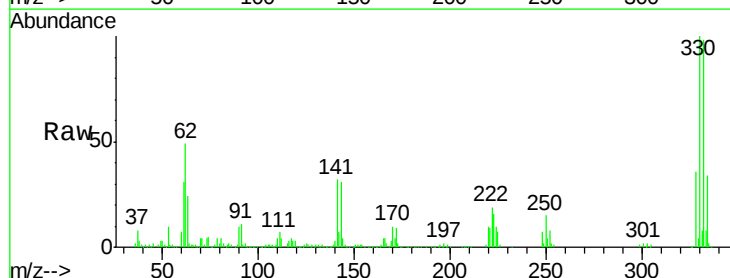
Tgt Ion:330 Resp: 318346

Ion Ratio Lower Upper

330 100

332 97.0 77.3 115.9

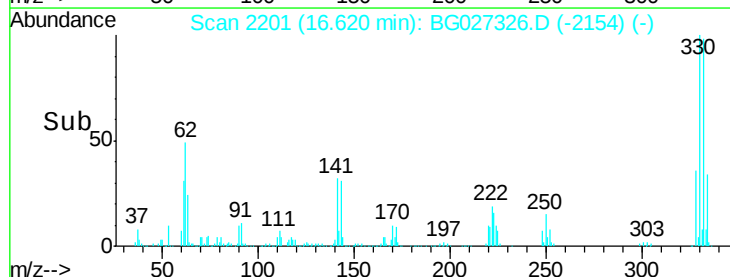
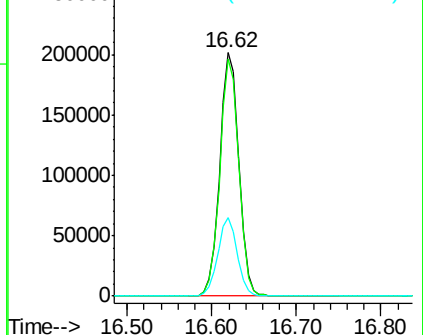
141 33.3 32.1 48.1

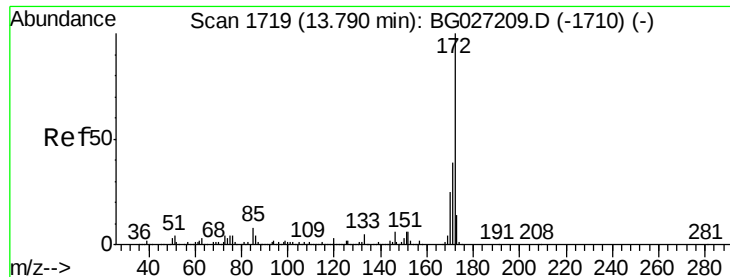


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

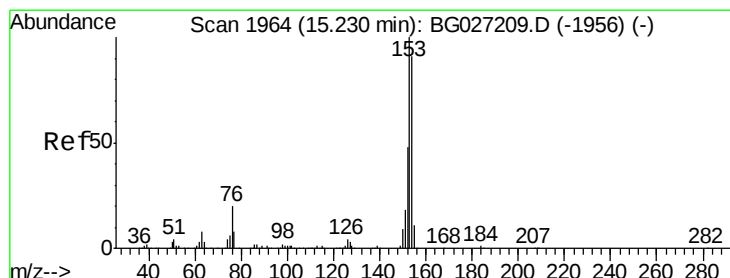
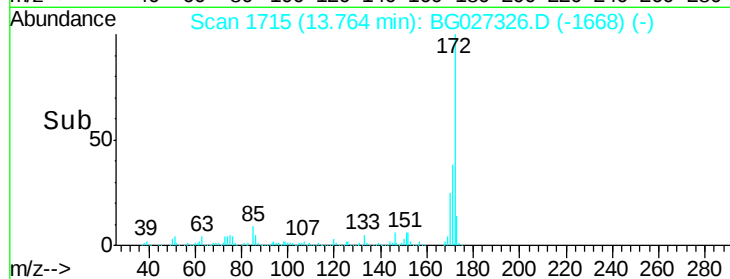
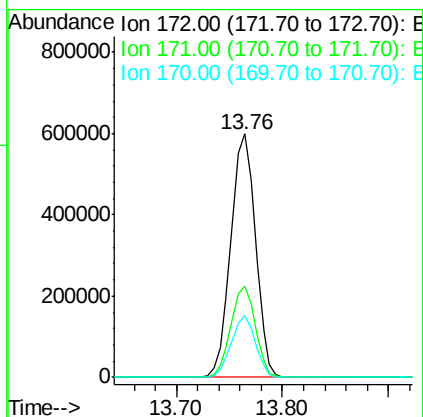
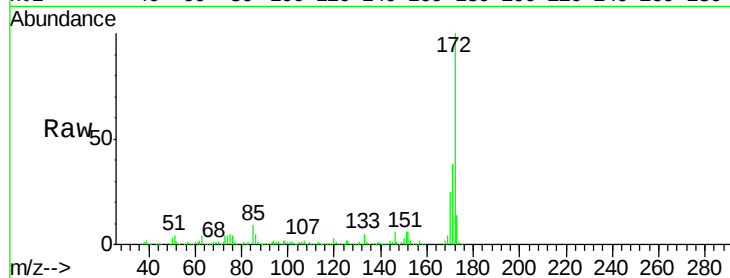




#44
 2-Fluorobiphenyl
 Concen: 89.509 ng
 RT: 13.76 min Scan# 1715
 Delta R.T. -0.03 min
 Lab File: BG027326.D
 Acq: 8 Jun 2017 20:57

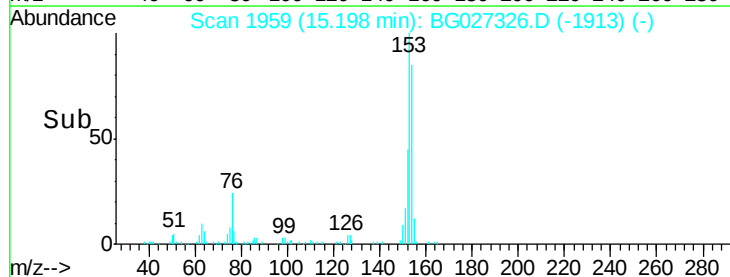
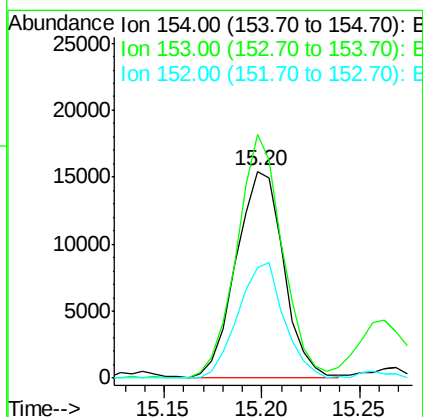
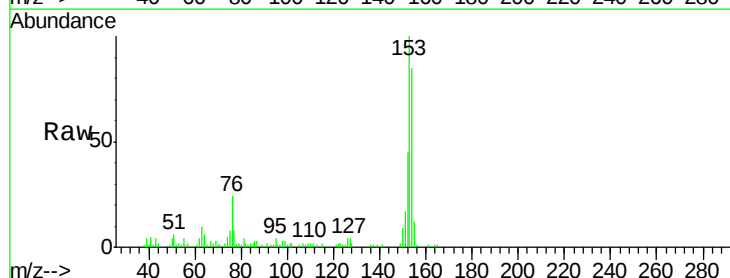
Instrument :
 BNA_G
 ClientSampleId :
 MW-113

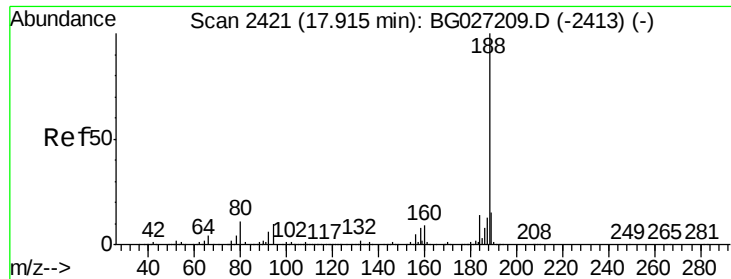
Tgt Ion:	172	Resp:	965880
Ion	Ratio	Lower	Upper
172	100		
171	37.7	32.2	48.2
170	25.3	21.8	32.6



#51
 Acenaphthene
 Concen: 2.565 ng
 RT: 15.20 min Scan# 1959
 Delta R.T. -0.03 min
 Lab File: BG027326.D
 Acq: 8 Jun 2017 20:57

Tgt Ion:	154	Resp:	26089
Ion	Ratio	Lower	Upper
154	100		
153	117.9	87.8	131.6
152	53.6	42.2	63.4

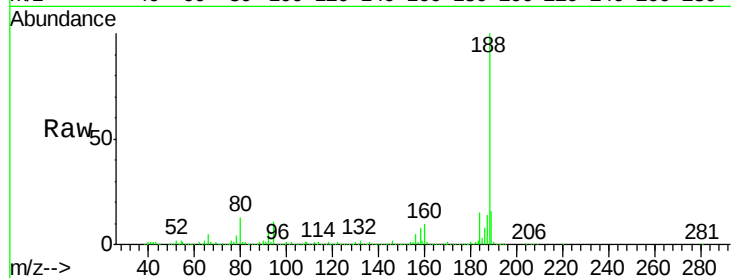




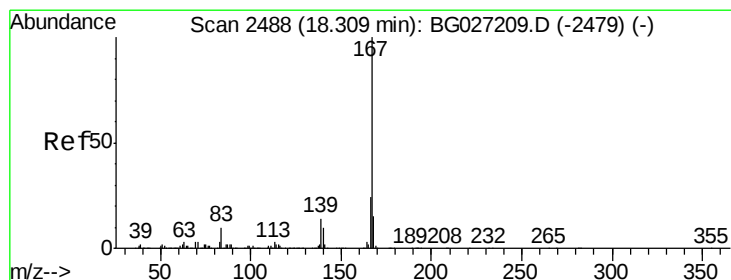
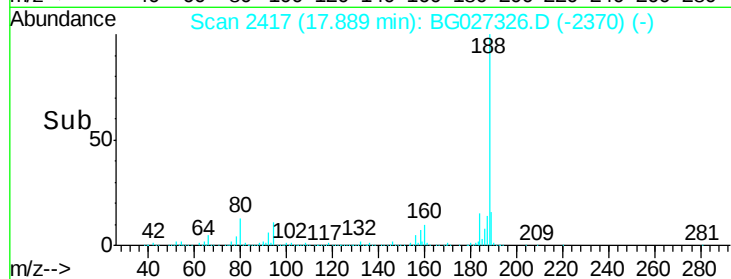
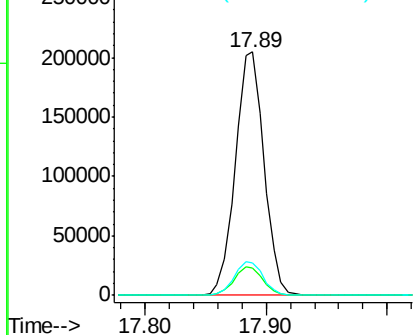
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.89 min Scan# 2417
Delta R.T. -0.03 min
Lab File: BG027326.D
Acq: 8 Jun 2017 20:57

Instrument :
BNA_G
ClientSampleId :
MW-113

Tgt Ion:188 Resp: 339370
Ion Ratio Lower Upper
188 100
94 11.0 5.8 8.8#
80 13.3 7.5 11.3#

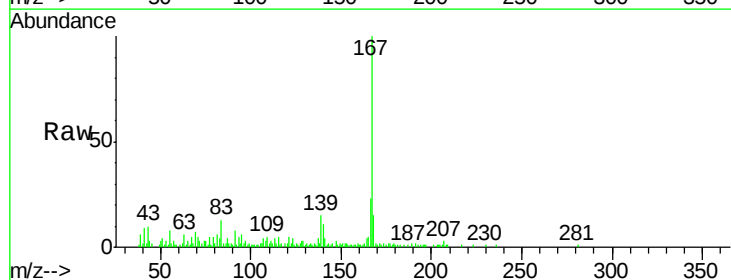


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

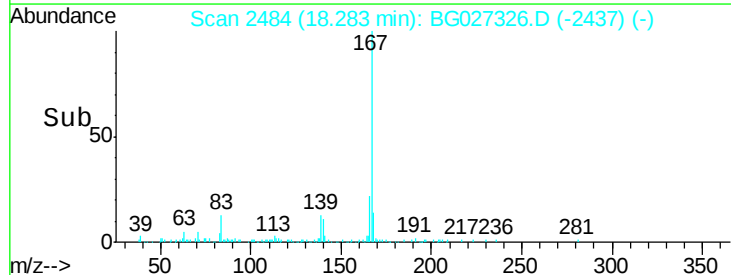
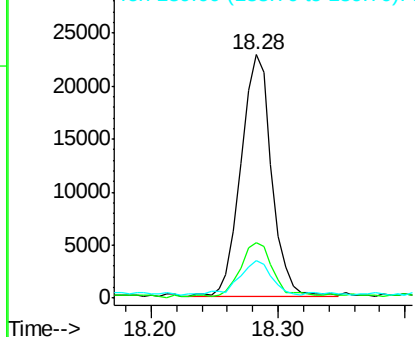


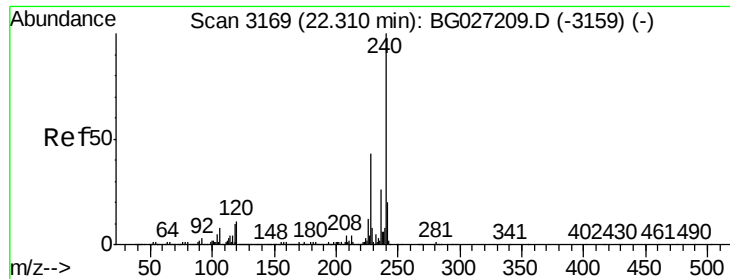
#72
Carbazole
Concen: 2.116 ng
RT: 18.28 min Scan# 2484
Delta R.T. -0.03 min
Lab File: BG027326.D
Acq: 8 Jun 2017 20:57

Tgt Ion:167 Resp: 38173
Ion Ratio Lower Upper
167 100
166 22.8 20.2 30.2
139 15.5 12.8 19.2



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E

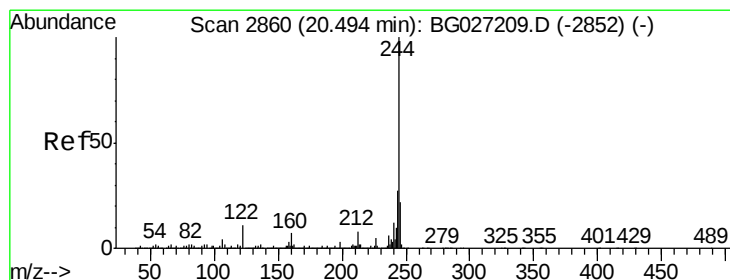
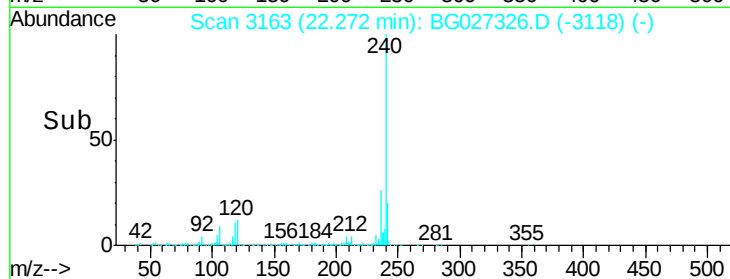
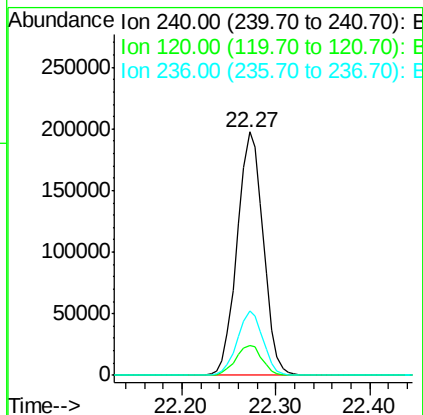
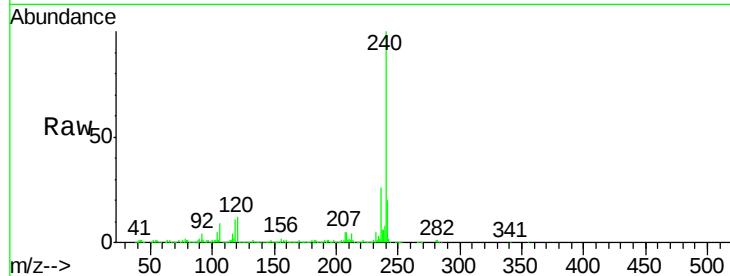




#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.27 min Scan# 3163
Delta R.T. -0.04 min
Lab File: BG027326.D
Acq: 8 Jun 2017 20:57

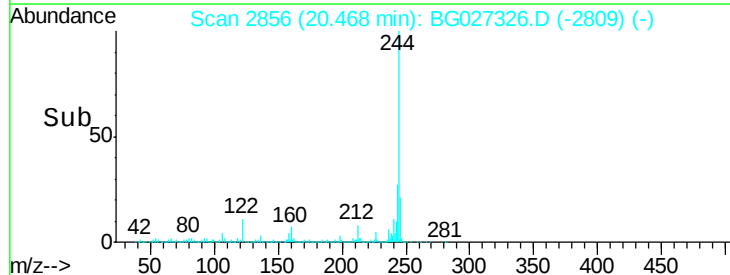
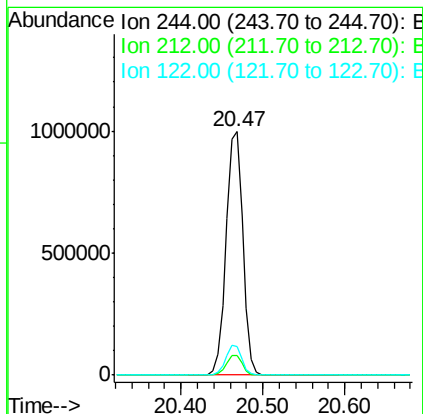
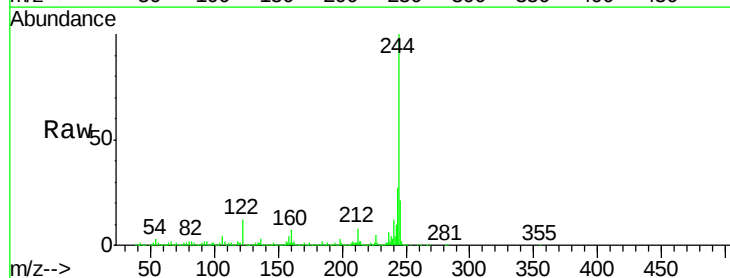
Instrument :
BNA_G
ClientSampleId :
MW-113

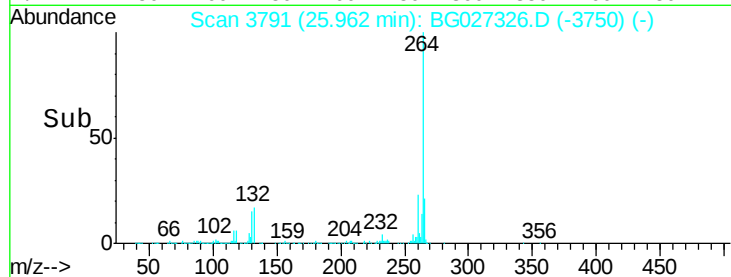
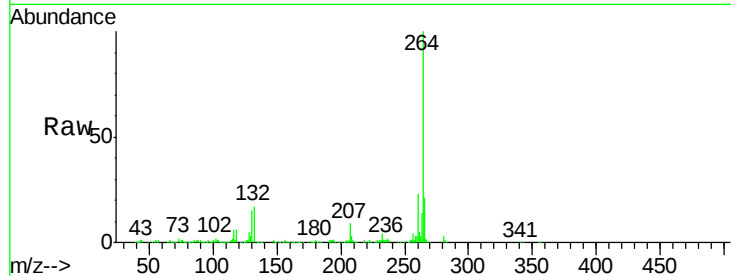
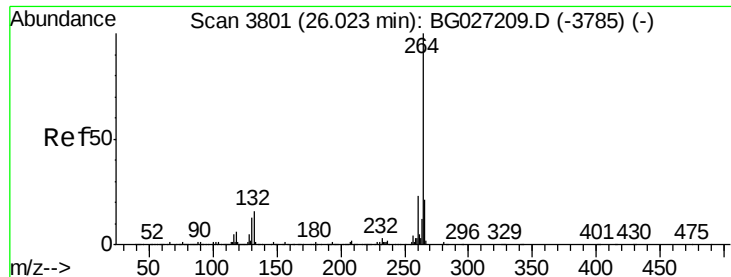
Tgt Ion:240 Resp: 380351
Ion Ratio Lower Upper
240 100
120 12.1 5.7 8.5#
236 26.2 22.2 33.4



#78
Terphenyl-d14
Concen: 94.882 ng
RT: 20.47 min Scan# 2856
Delta R.T. -0.03 min
Lab File: BG027326.D
Acq: 8 Jun 2017 20:57

Tgt Ion:244 Resp: 1414672
Ion Ratio Lower Upper
244 100
212 8.1 10.0 15.0#
122 11.5 8.6 12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.96 min Scan# 3791
Delta R.T. -0.06 min
Lab File: BG027326.D
Acq: 8 Jun 2017 20:57

Instrument :
BNA_G
ClientSampleId :
MW-113

Tgt Ion: 264 Resp: 357571
Ion Ratio Lower Upper
264 100
260 23.1 21.8 32.8
265 21.1 18.2 27.4

