

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041117\
 Data File : BG026631.D
 Acq On : 12 Apr 2017 00:24
 Operator : SJ/MA
 Sample : I2620-05
 Misc : For Confirmation
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D001-D002-D003

Quant Time: Apr 12 06:45:30 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 17:43:27 2017
 Response via : Initial Calibration

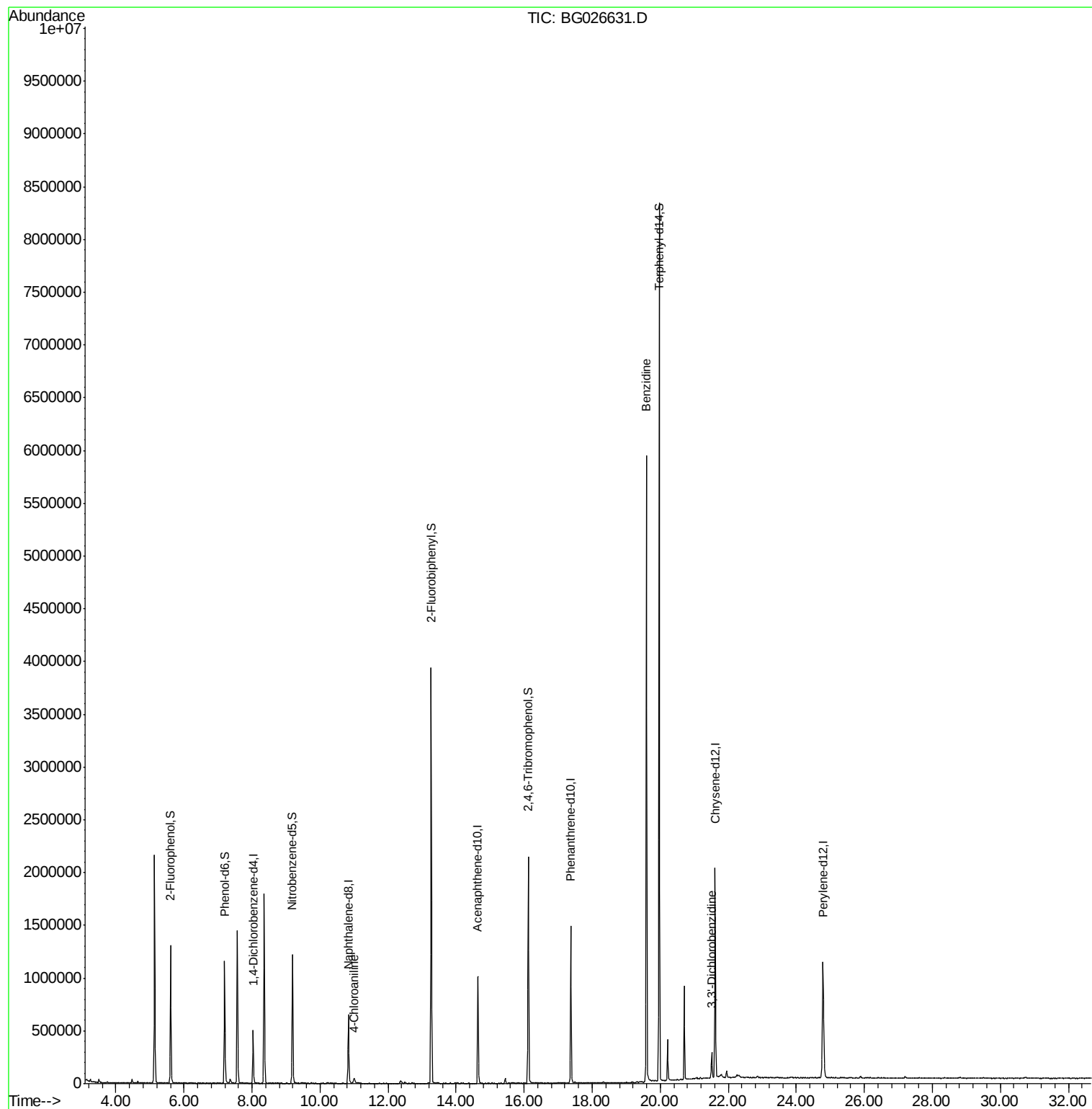
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	160410	20.00	ng	-0.01
21) Naphthalene-d8	10.83	136	636250	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	380537	20.00	ng	-0.02
63) Phenanthrene-d10	17.37	188	991703	20.00	ng	-0.02
75) Chrysene-d12	21.62	240	1252709	20.00	ng	-0.02
86) Perylene-d12	24.79	264	1186503	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	685835	75.89	ng	0.00
7) Phenol-d6	7.19	99	886965	73.10	ng	-0.01
23) Nitrobenzene-d5	9.19	82	797591	75.38	ng	-0.01
41) 2,4,6-Tribromophenol	16.12	330	467760	107.34	ng	-0.02
44) 2-Fluorobiphenyl	13.27	172	2218307	81.75	ng	-0.01
78) Terphenyl-d14	19.97	244	3517418	68.19	ng	-0.01
Target Compounds						
33) 4-Chloroaniline	11.00	127	37635	2.88	ng	Qvalue # 73
76) Benzidine	19.59	184	3522722	81.56	ng	93
81) 3,3'-Dichlorobenzidine	21.51	252	93093	3.23	ng	99

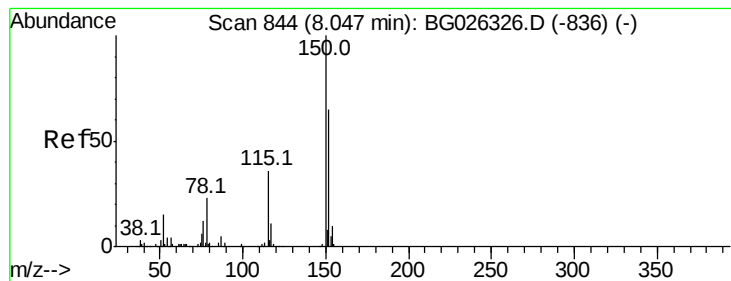
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041117\
Data File : BG026631.D
Acq On : 12 Apr 2017 00:24
Operator : SJ/MA
Sample : I2620-05
Misc : For Confirmation
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D001-D002-D003

Quant Time: Apr 12 06:45:30 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 20 17:43:27 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.03 min Scan# 842

Delta R.T. -0.01 min

Lab File: BG026631.D

Acq: 12 Apr 2017 00:24

Instrument :

BNA_G

ClientSampleId :

D001-D002-D003

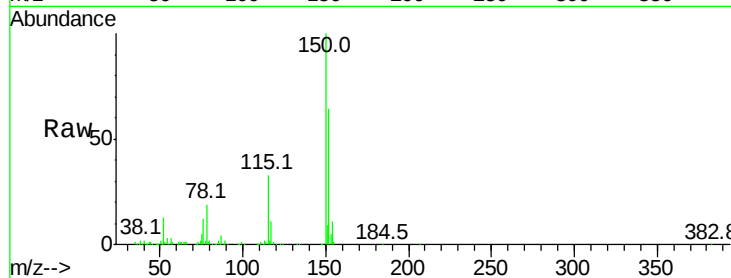
Tot Ion:152 Resp: 160410

Ion Ratio Lower Upper

152 100

150 155.5 114.0 171.0

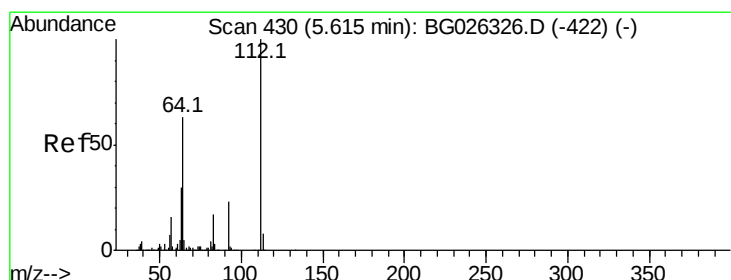
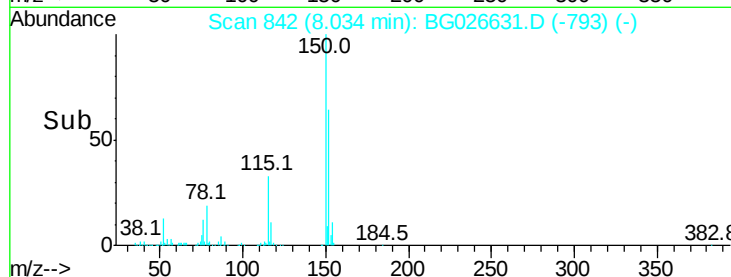
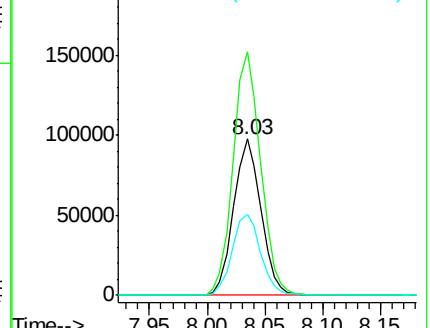
115 51.7 48.1 72.1



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: 75.89 ng

RT: 5.61 min Scan# 429

Delta R.T. -0.01 min

Lab File: BG026631.D

Acq: 12 Apr 2017 00:24

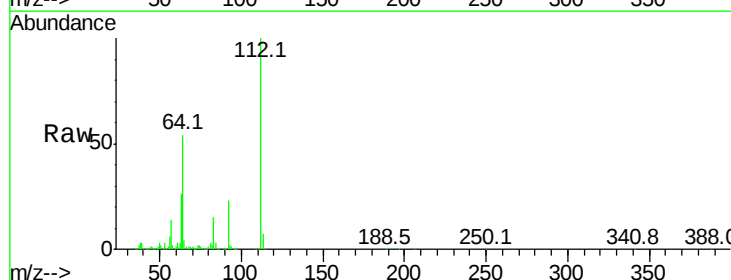
Tgt Ion:112 Resp: 685835

Ion Ratio Lower Upper

112 100

64 53.7 61.8 92.6#

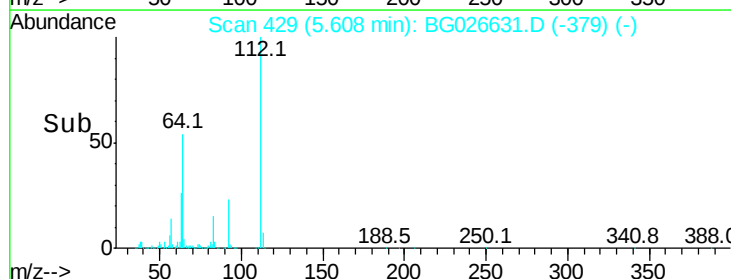
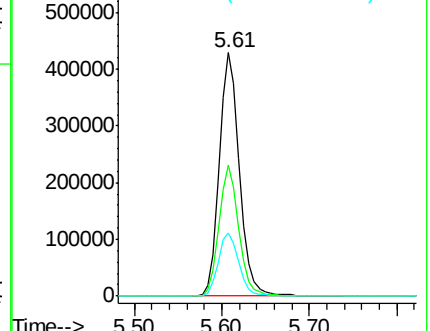
63 26.1 37.2 55.8#

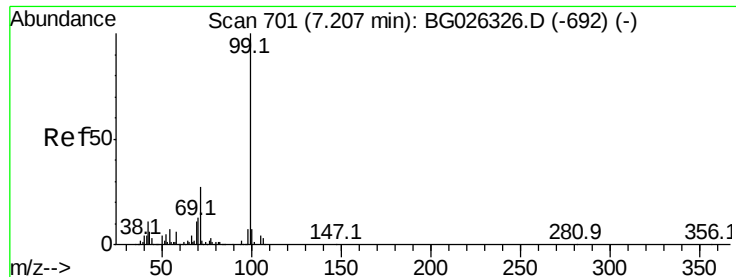


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 73.10 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG026631.D

Acq: 12 Apr 2017 00:24

Instrument :

BNA_G

ClientSampleId :

D001-D002-D003

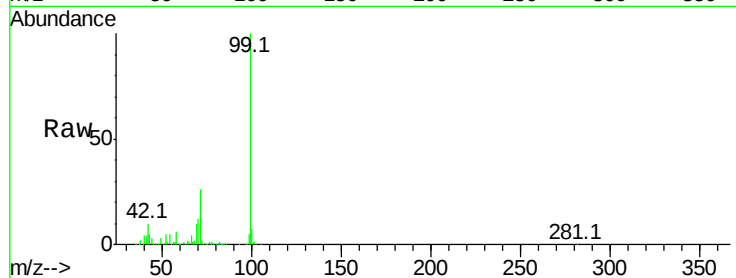
Tot Ion: 99 Resp: 886965

Ion Ratio Lower Upper

99 100

42 10.2 20.5 30.7#

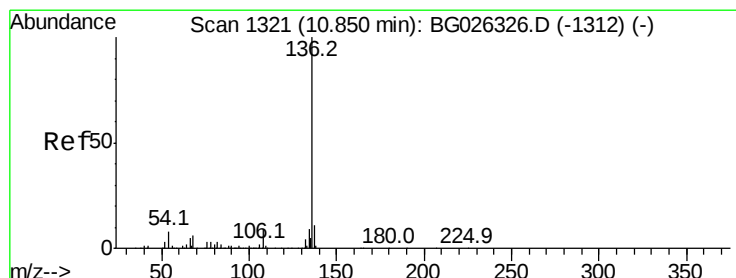
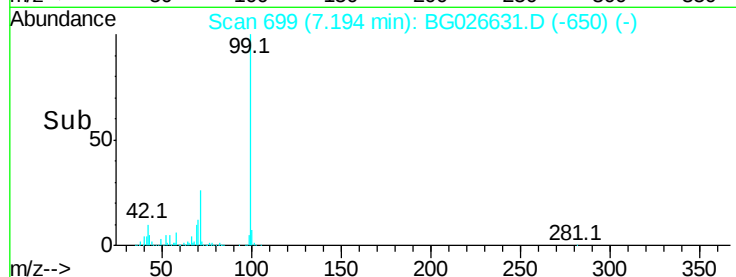
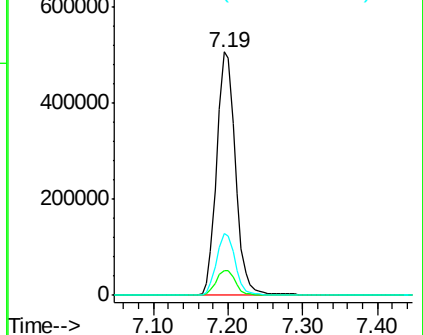
71 25.6 37.6 56.4#



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: 10.83 min Scan# 1318

Delta R.T. -0.02 min

Lab File: BG026631.D

Acq: 12 Apr 2017 00:24

Tgt Ion: 136 Resp: 636250

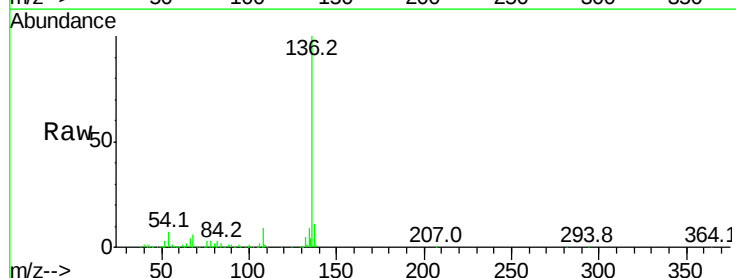
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 6.6 9.3 13.9#

68 5.6 5.1 7.7

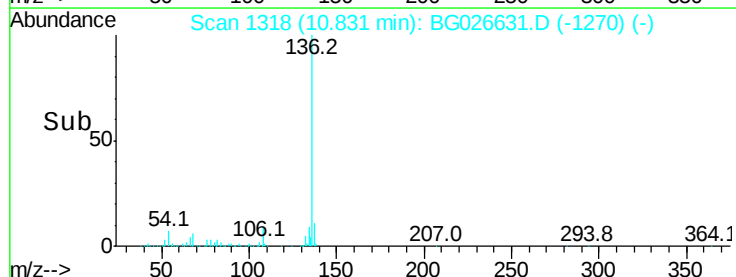
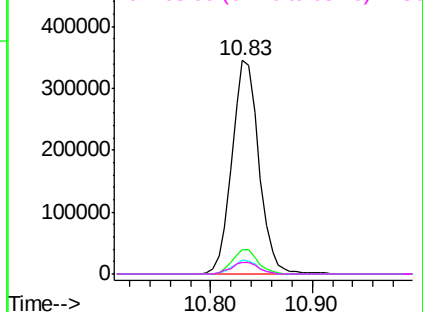


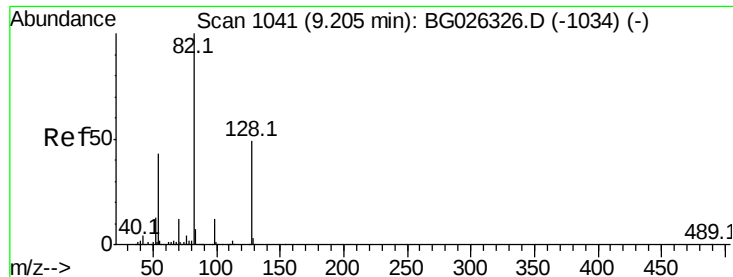
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

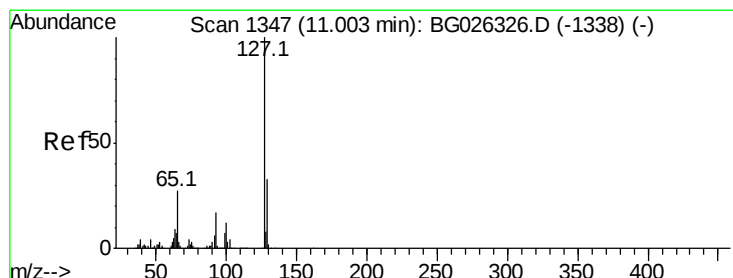
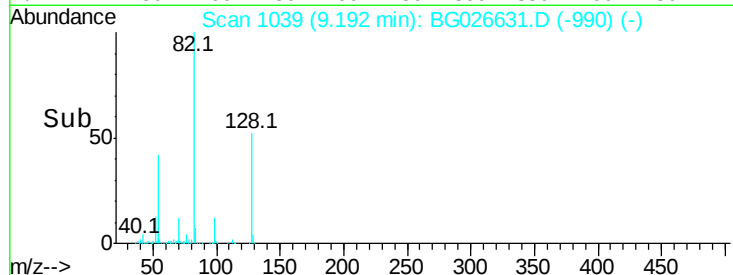
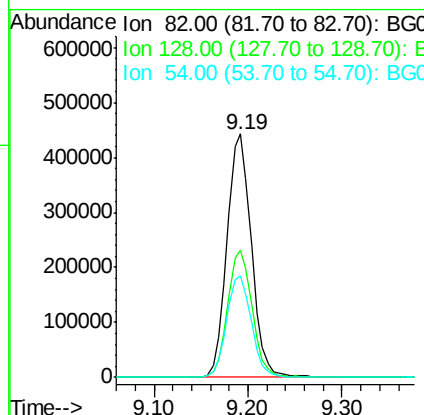
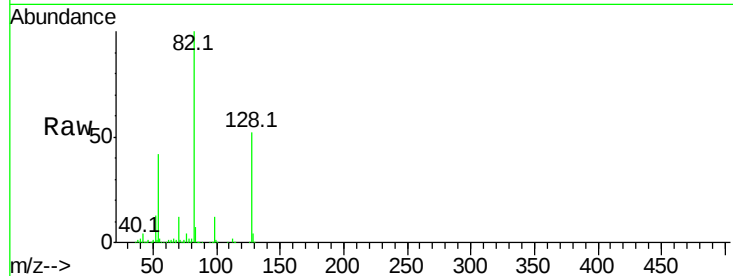




#23
 Nitrobenzene-d5
 Concen: 75.38 ng
 RT: 9.19 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BG026631.D
 Acq: 12 Apr 2017 00:24

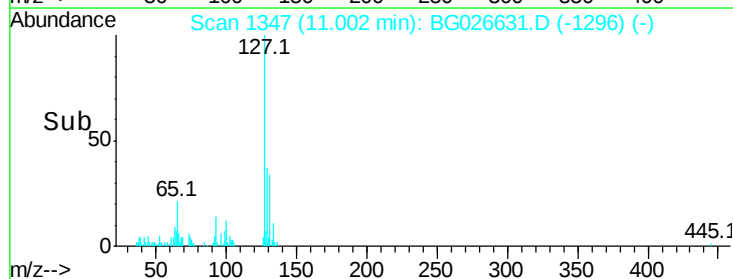
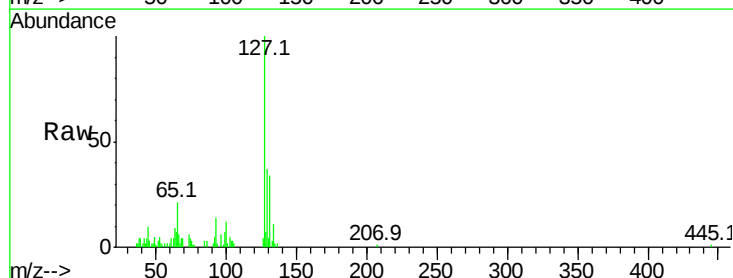
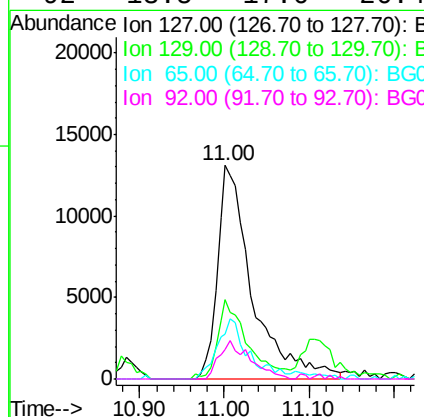
Instrument :
 BNA_G
 ClientSampleId :
 D001-D002-D003

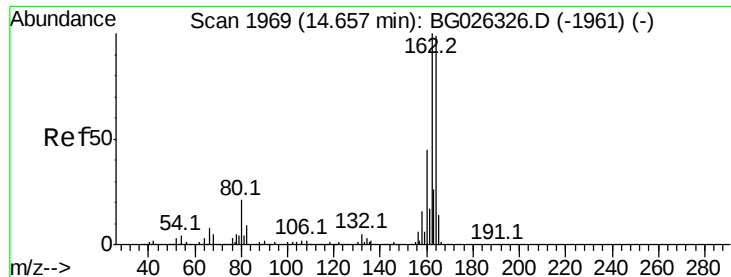
Tot Ion	82	Resp	797591
Ion	Ratio	Lower	Upper
82	100		
128	52.4	26.4	39.6#
54	41.9	49.4	74.2#



#33
 4-Chloroaniline
 Concen: 2.88 ng
 RT: 11.00 min Scan# 1347
 Delta R.T. -0.00 min
 Lab File: BG026631.D
 Acq: 12 Apr 2017 00:24

Tgt Ion	127	Resp	37635
Ion	Ratio	Lower	Upper
127	100		
129	37.4	23.6	35.4#
65	21.2	37.7	56.5#
92	13.5	17.6	26.4#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.64 min Scan# 1966

Delta R.T. -0.02 min

Lab File: BG026631.D

Acq: 12 Apr 2017 00:24

Instrument :

BNA_G

ClientSampleId :

D001-D002-D003

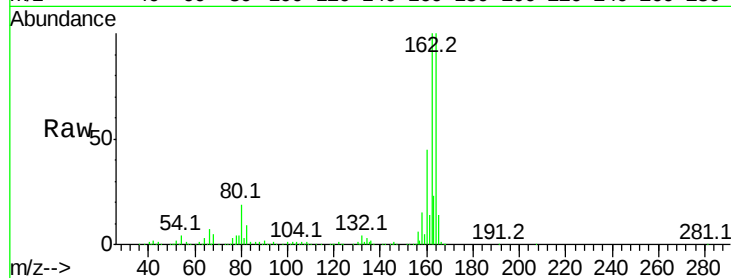
Tot Ion:164 Resp: 380537

Ion Ratio Lower Upper

164 100

162 100.3 85.1 127.7

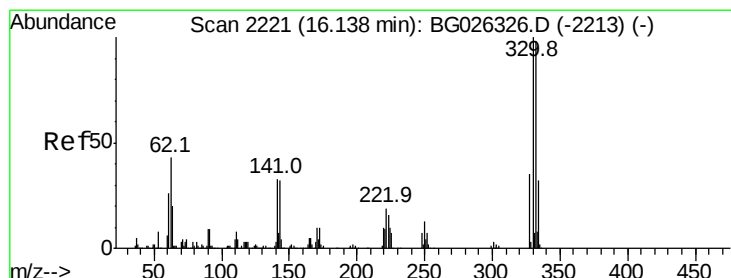
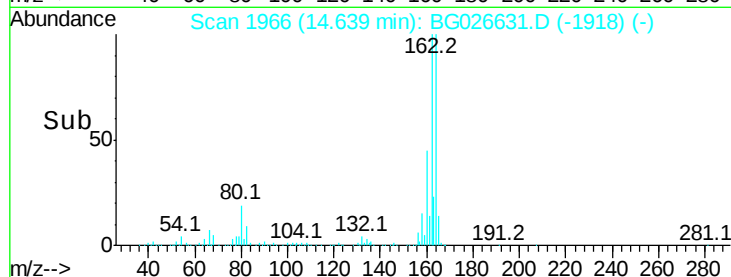
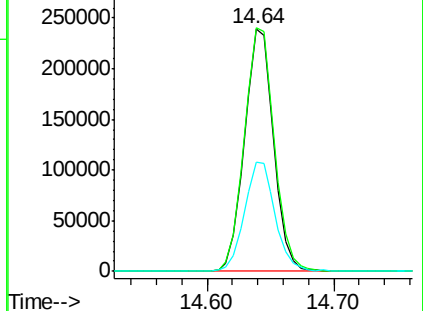
160 45.0 34.7 52.1



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: 107.34 ng

RT: 16.12 min Scan# 2218

Delta R.T. -0.02 min

Lab File: BG026631.D

Acq: 12 Apr 2017 00:24

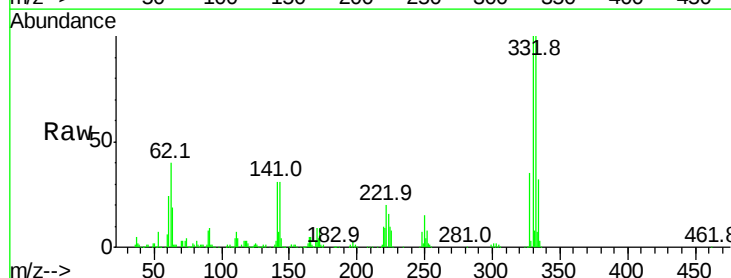
Tgt Ion:330 Resp: 467760

Ion Ratio Lower Upper

330 100

332 97.7 77.3 115.9

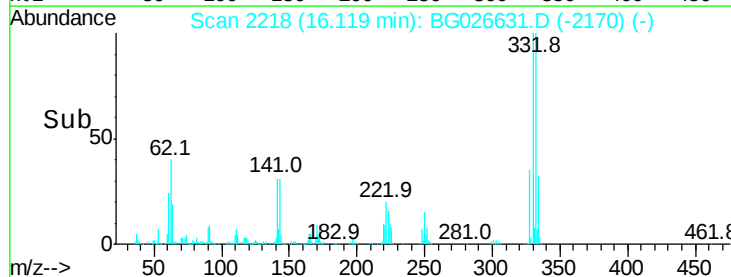
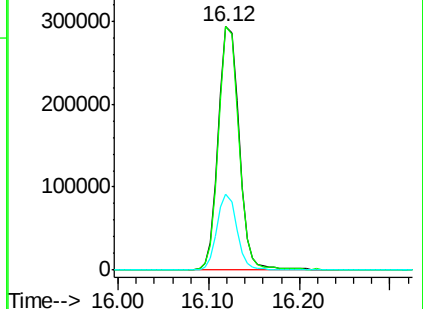
141 29.9 32.1 48.1#

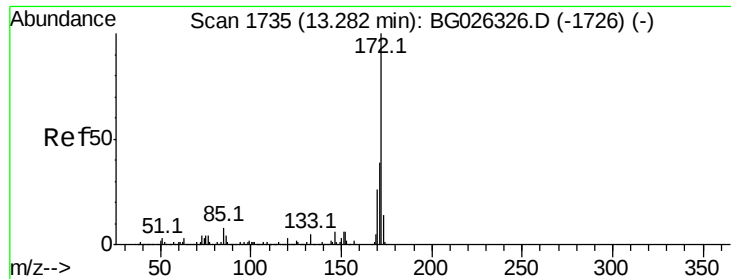


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

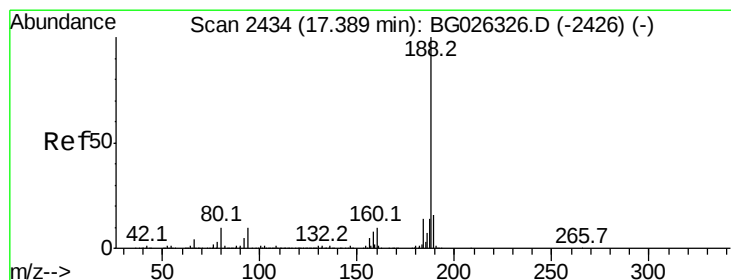
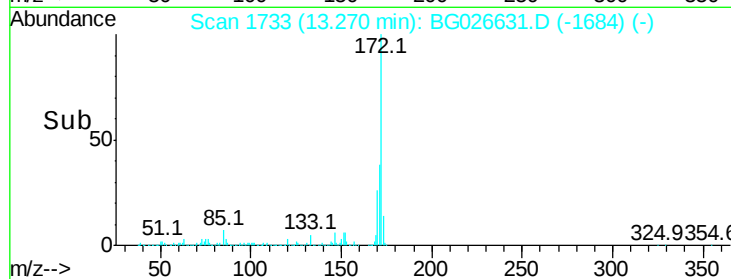
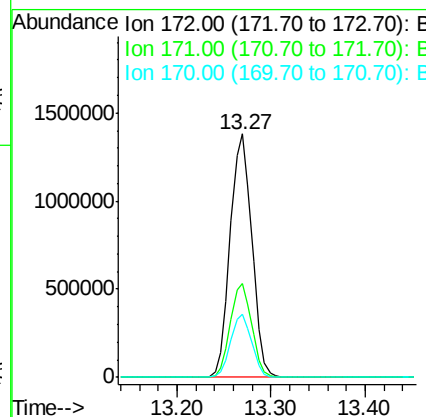
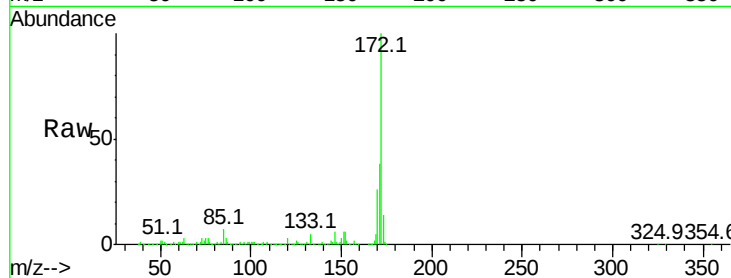




#44
 2-Fluorobiphenyl
 Concen: 81.75 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG026631.D
 Acq: 12 Apr 2017 00:24

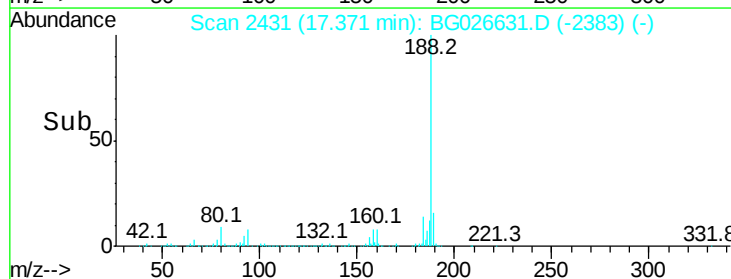
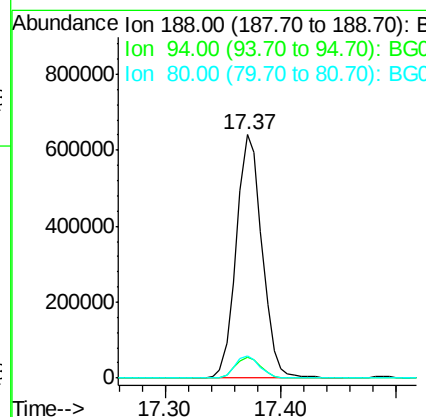
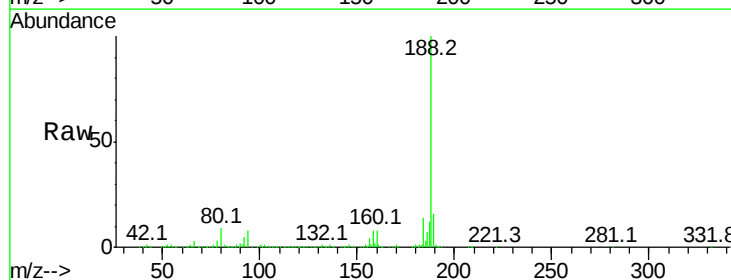
Instrument :
 BNA_G
 ClientSampleId :
 D001-D002-D003

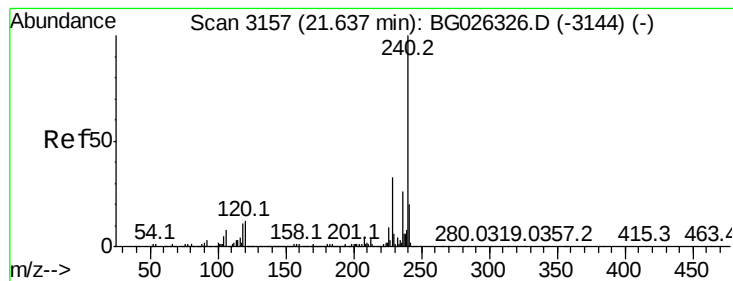
Tot Ion:172 Resp: 2218307
 Ion Ratio Lower Upper
 172 100
 171 38.5 32.2 48.2
 170 26.2 21.8 32.6



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.37 min Scan# 2431
 Delta R.T. -0.02 min
 Lab File: BG026631.D
 Acq: 12 Apr 2017 00:24

Tgt Ion:188 Resp: 991703
 Ion Ratio Lower Upper
 188 100
 94 8.5 5.8 8.8
 80 8.9 7.5 11.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.02 min

Lab File: BG026631.D

Acq: 12 Apr 2017 00:24

Instrument :

BNA_G

ClientSampleId :

D001-D002-D003

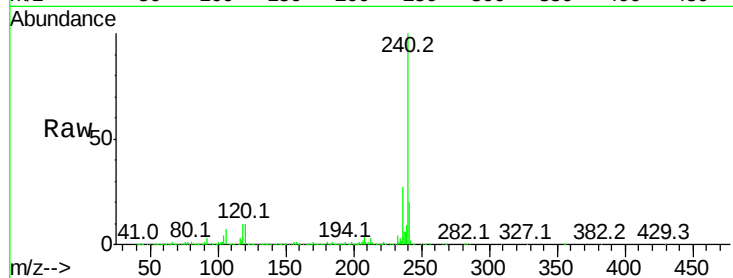
Tot Ion:240 Resp: 1252709

Ion Ratio Lower Upper

240 100

120 10.5 5.7 8.5#

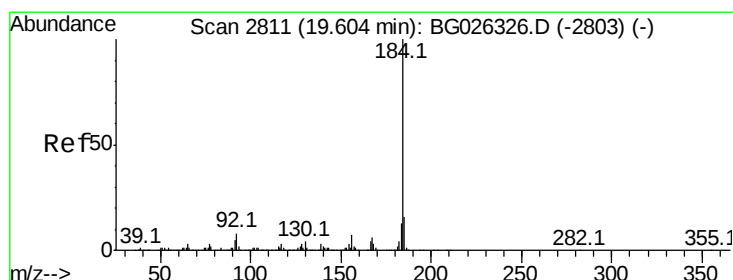
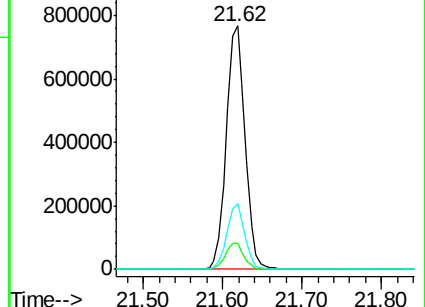
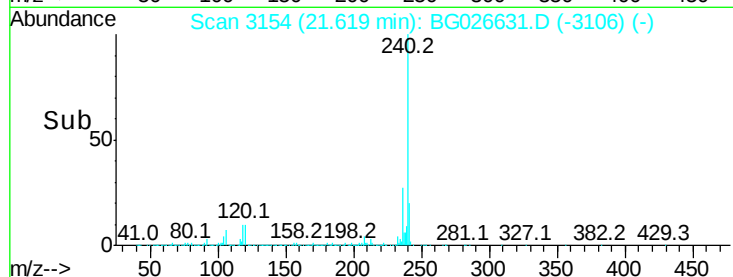
236 27.0 22.2 33.4



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: 81.56 ng

RT: 19.59 min Scan# 2809

Delta R.T. -0.01 min

Lab File: BG026631.D

Acq: 12 Apr 2017 00:24

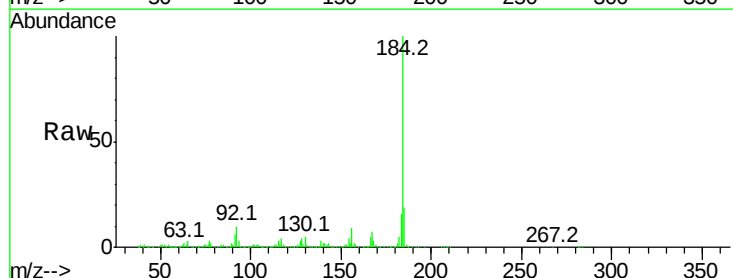
Tgt Ion:184 Resp: 3522722

Ion Ratio Lower Upper

184 100

185 19.2 13.0 19.6

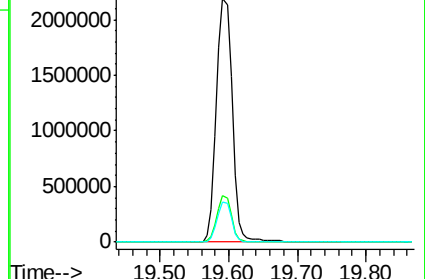
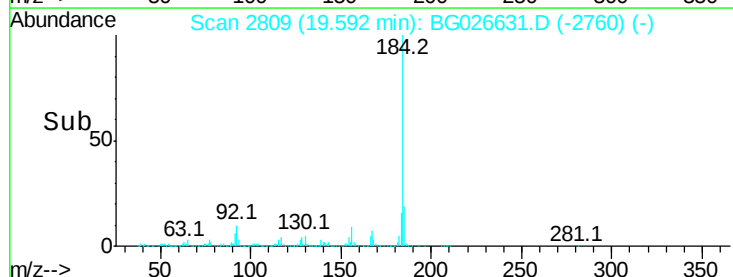
183 16.4 11.0 16.6

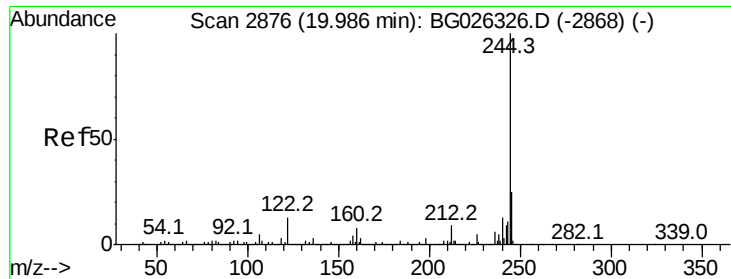


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

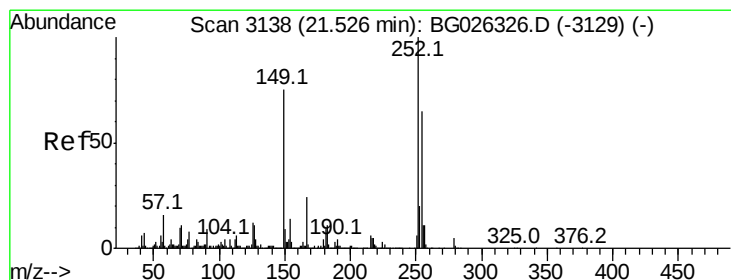
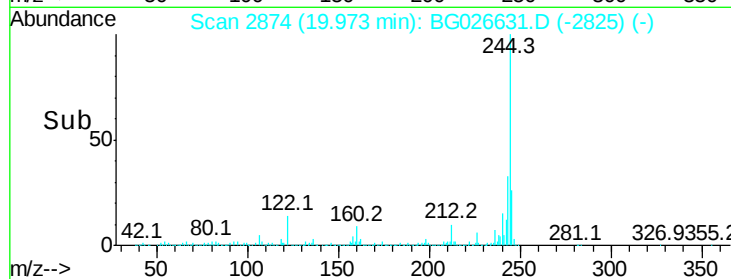
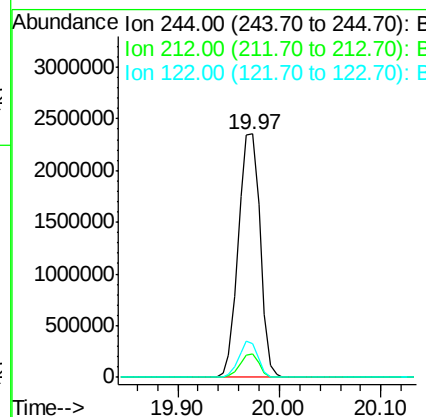
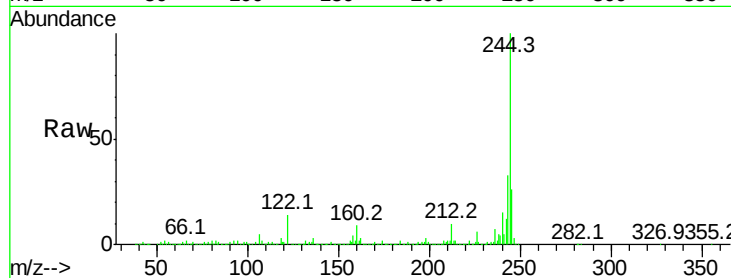




#78
 Terphenyl-d14
 Concen: 68.19 ng
 RT: 19.97 min Scan# 2874
 Delta R.T. -0.01 min
 Lab File: BG026631.D
 Acq: 12 Apr 2017 00:24

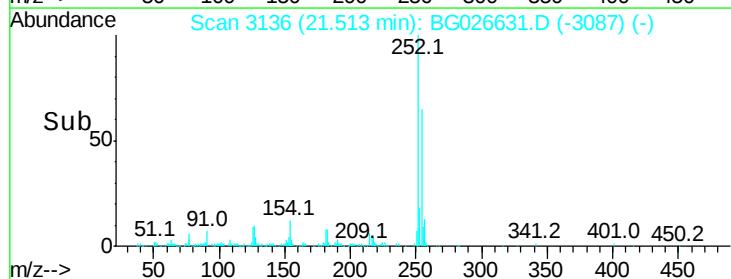
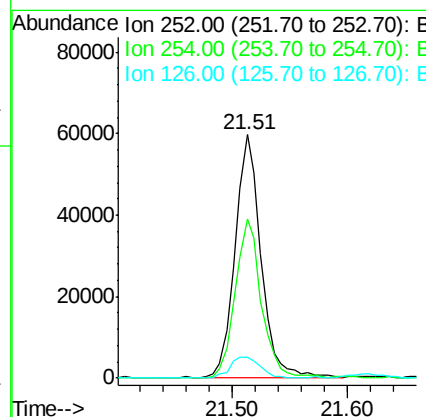
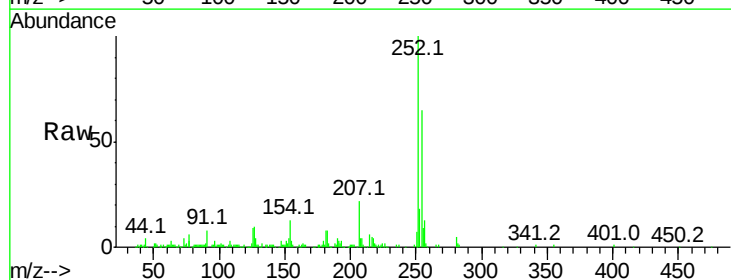
Instrument :
 BNA_G
 ClientSampleId :
 D001-D002-D003

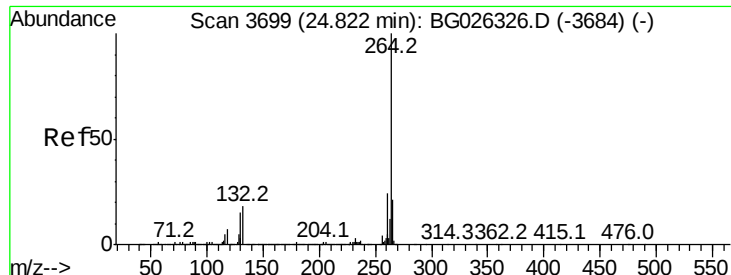
Tot Ion:244 Resp: 3517418
 Ion Ratio Lower Upper
 244 100
 212 9.7 10.0 15.0#
 122 14.1 8.6 12.8#



#81
 3,3'-Dichlorobenzidine
 Concen: 3.23 ng
 RT: 21.51 min Scan# 3136
 Delta R.T. -0.01 min
 Lab File: BG026631.D
 Acq: 12 Apr 2017 00:24

Tgt Ion:252 Resp: 93093
 Ion Ratio Lower Upper
 252 100
 254 65.2 53.1 79.7
 126 8.7 7.0 10.4





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 24.79 min Scan# 3694
 Delta R.T. -0.03 min
 Lab File: BG026631.D
 Acq: 12 Apr 2017 00:24

Instrument :
 BNA_G
 ClientSampleId :
 D001-D002-D003

Tot Ion:264 Resp: 1186503

Ion	Ratio	Lower	Upper
264	100		
260	24.9	21.8	32.8
265	21.6	18.2	27.4

