

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042017\
 Data File : BG026686.D
 Acq On : 20 Apr 2017 22:08
 Operator : SJ/MA
 Sample : I2778-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 21 04:05:45 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 18:04:39 2017
 Response via : Initial Calibration

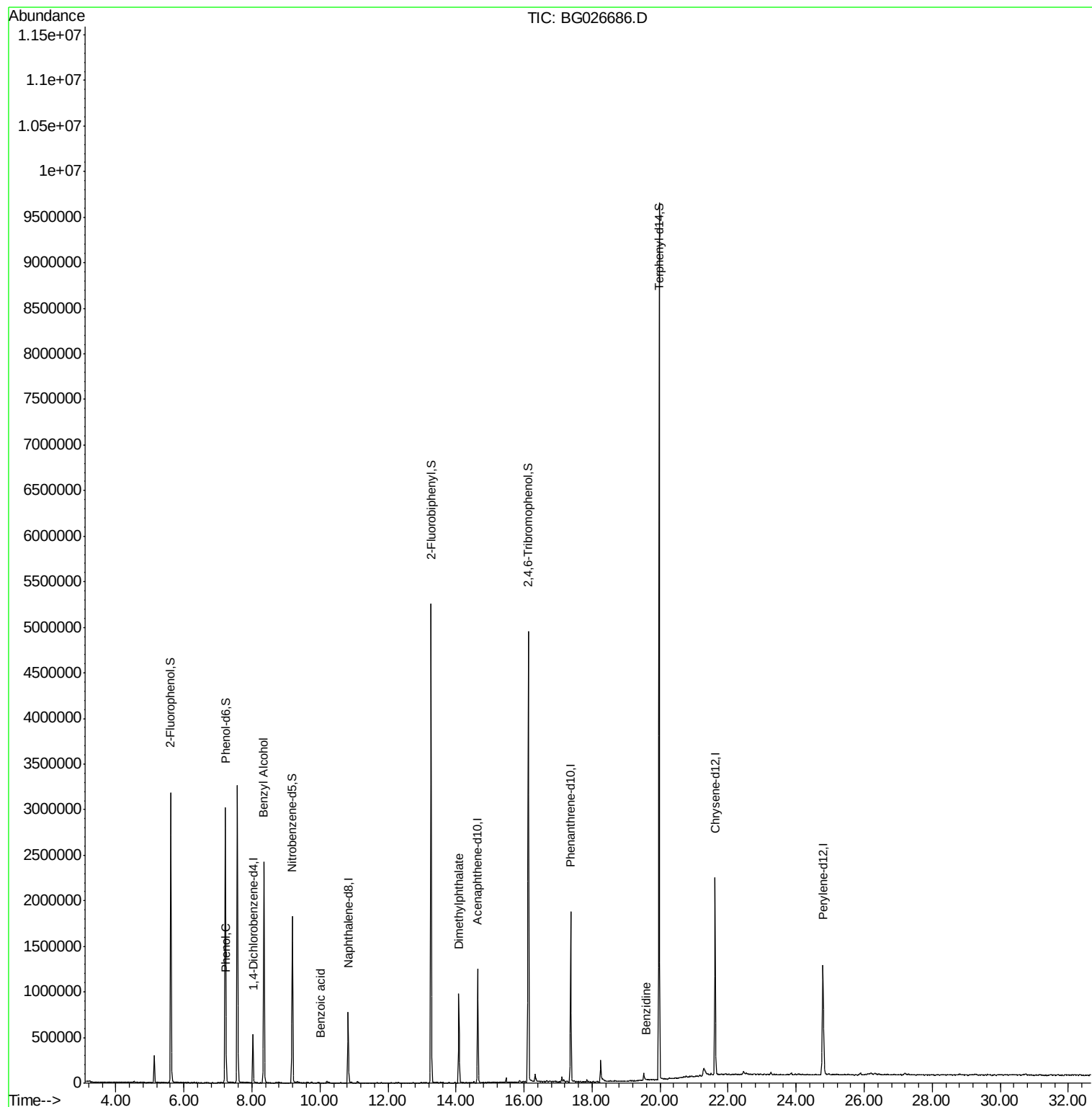
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	171703	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	737724	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	458637	20.00	ng	-0.02
63) Phenanthrene-d10	17.37	188	1205972	20.00	ng	-0.02
75) Chrysene-d12	21.61	240	1325198	20.00	ng	-0.02
86) Perylene-d12	24.79	264	1291282	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1629030	172.47	ng	0.00
7) Phenol-d6	7.22	99	2179317	176.08	ng	0.01
23) Nitrobenzene-d5	9.19	82	1157195	109.45	ng	-0.02
41) 2,4,6-Tribromophenol	16.13	330	1082361	169.37	ng	-0.01
44) 2-Fluorobiphenyl	13.27	172	2872851	93.29	ng	-0.02
78) Terphenyl-d14	19.97	244	3913281	87.18	ng	-0.02
Target Compounds						
10) Phenol	7.24	94	38007	2.82	ng	Qvalue 84
15) Benzyl Alcohol	8.35	79	16845	2.18	ng	# 49
32) Benzoic acid	10.03	122	55	9.02	ng	# 1
49) Dimethylphthalate	14.08	163	717744	19.77	ng	97
76) Benzidine	19.60	184	73	3.72	ng	# 64

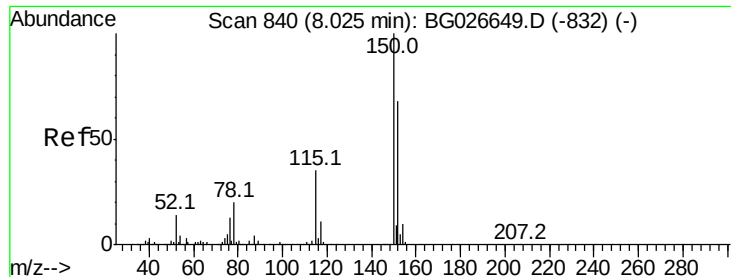
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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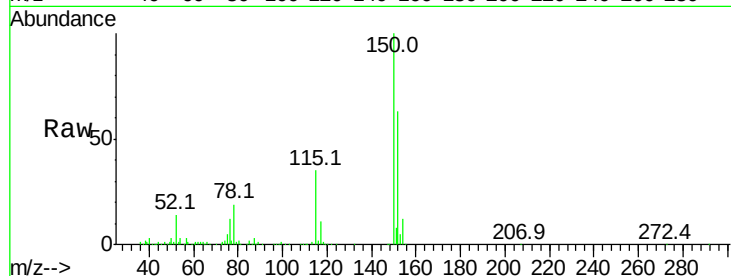


#1

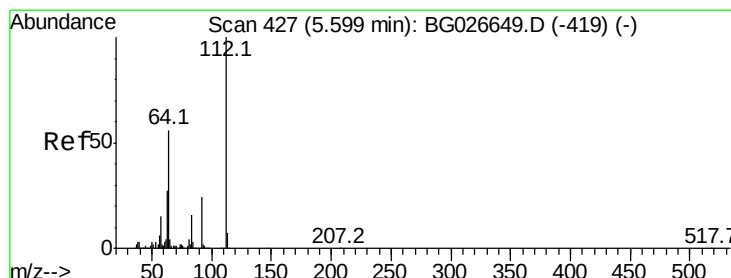
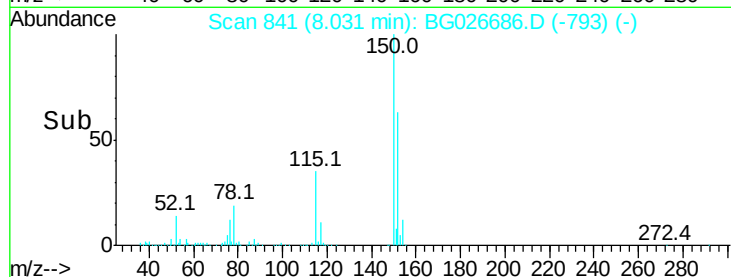
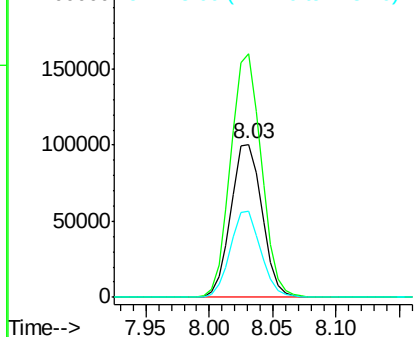
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG026686.D
Acq: 20 Apr 2017 22:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 171703
Ion Ratio Lower Upper
152 100
150 158.7 114.0 171.0
115 56.3 48.1 72.1



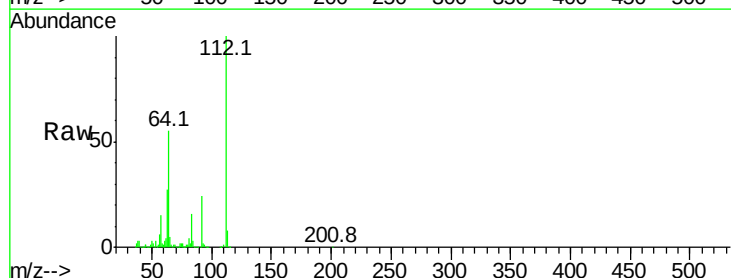
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



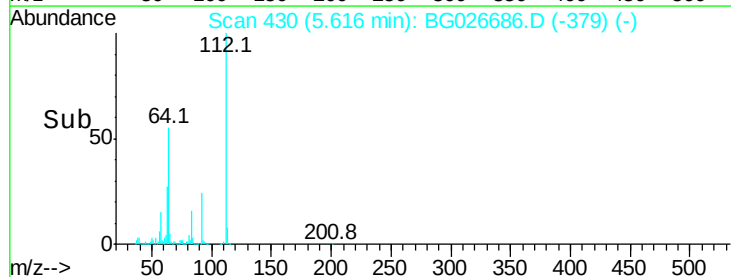
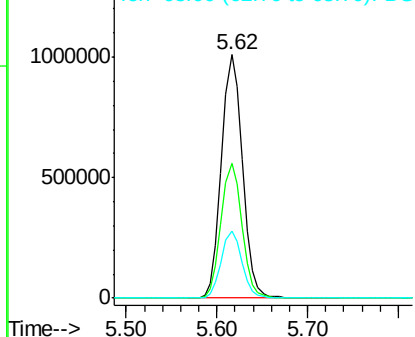
#5

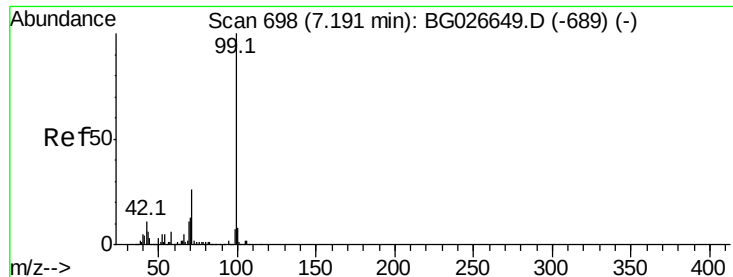
2-Fluorophenol
Concen: 172.47 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG026686.D
Acq: 20 Apr 2017 22:08

Tgt Ion:112 Resp: 1629030
Ion Ratio Lower Upper
112 100
64 55.4 61.8 92.6#
63 27.4 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: 176.08 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG026686.D

Acq: 20 Apr 2017 22:08

Instrument :

BNA_G

ClientSampled :

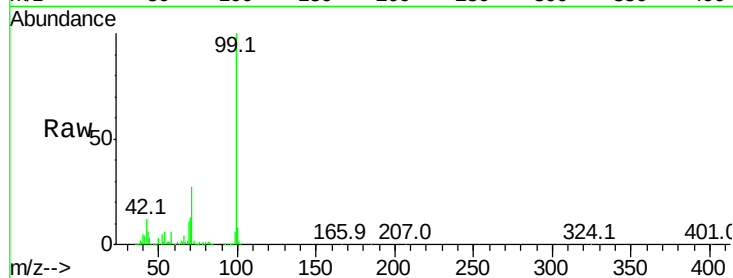
Tot Ion: 99 Resp: 2179317

Ion Ratio Lower Upper

99 100

42 11.5 20.5 30.7#

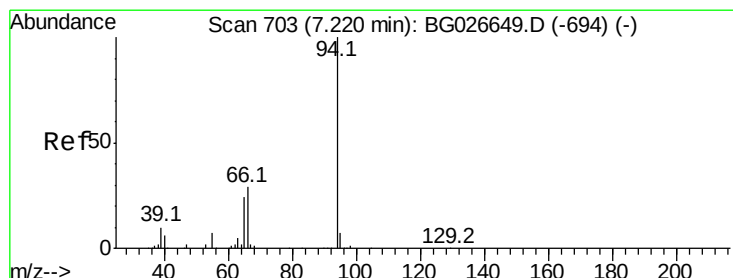
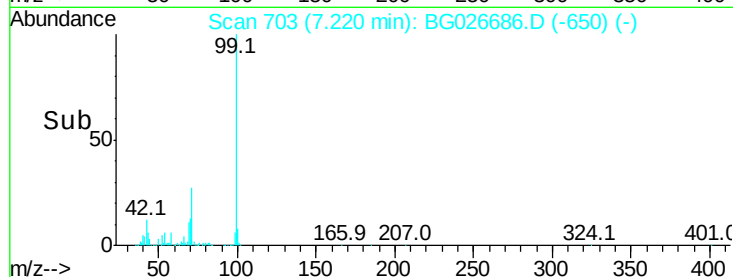
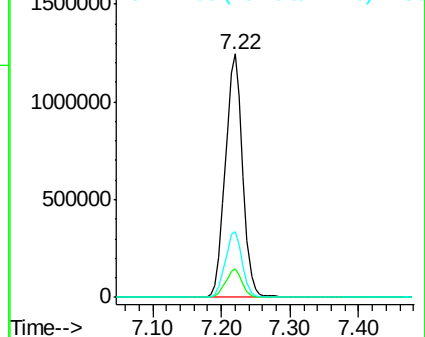
71 27.2 37.6 56.4#



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



#10

Phenol

Concen: 2.82 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG026686.D

Acq: 20 Apr 2017 22:08

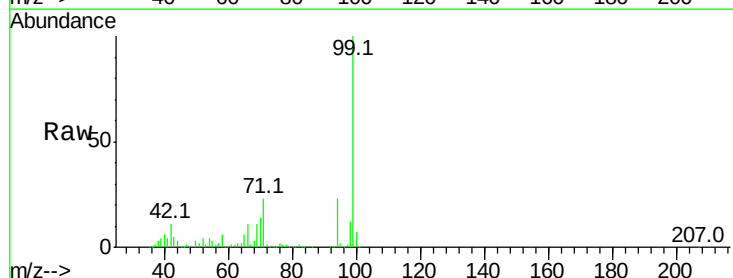
Tgt Ion: 94 Resp: 38007

Ion Ratio Lower Upper

94 100

65 27.8 20.6 60.6

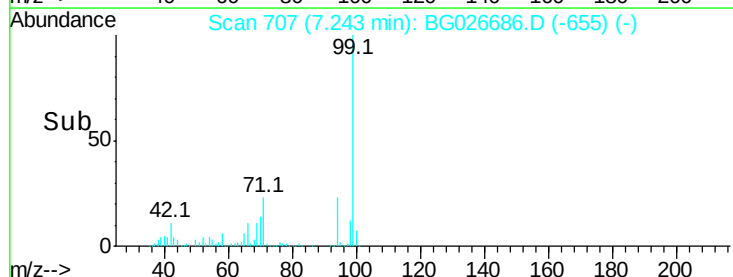
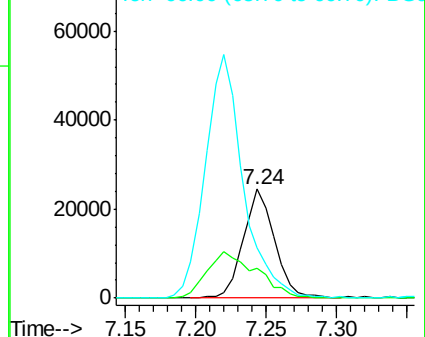
66 46.1 35.5 75.5

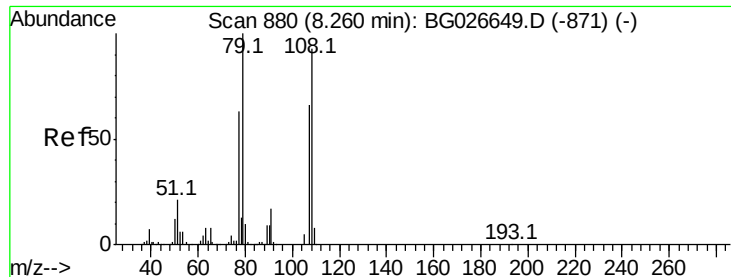


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#15

Benzyl Alcohol

Concen: 2.18 ng

RT: 8.35 min Scan# 896

Delta R.T. 0.07 min

Lab File: BG026686.D

Acq: 20 Apr 2017 22:08

Instrument :

BNA_G

ClientSampleId :

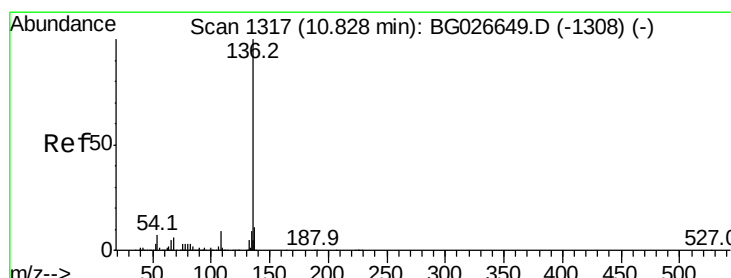
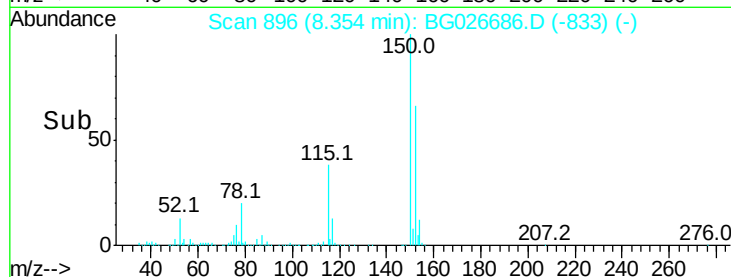
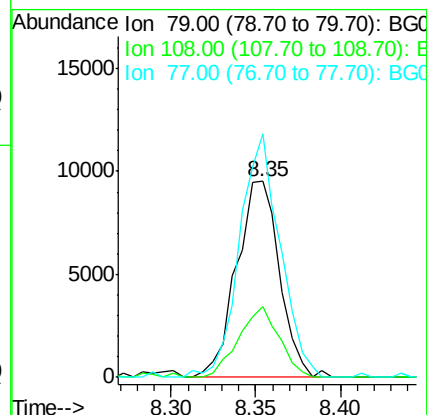
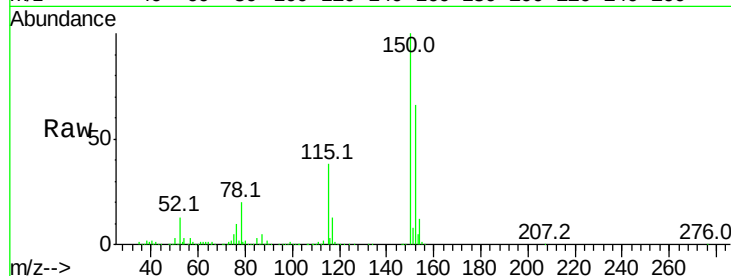
Tot Ion: 79 Resp: 16845

Ion Ratio Lower Upper

79 100

108 36.1 45.5 68.3#

77 124.2 54.3 81.5#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.83 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BG026686.D

Acq: 20 Apr 2017 22:08

Tgt Ion: 136 Resp: 737724

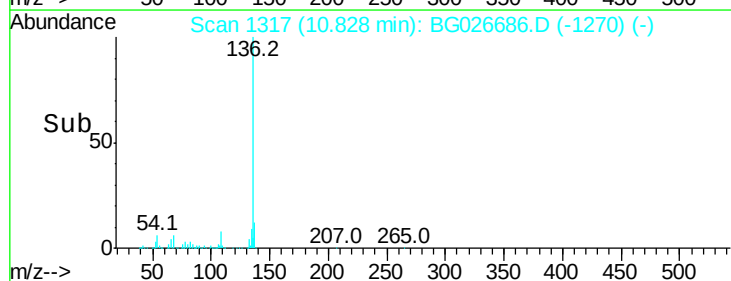
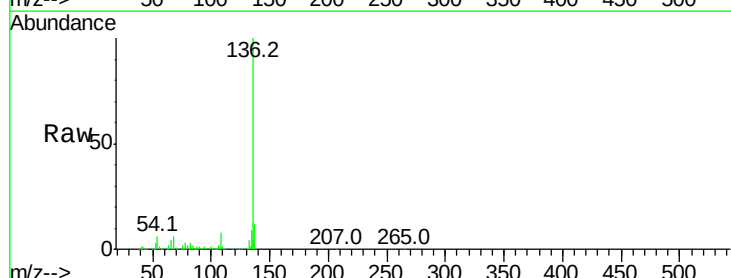
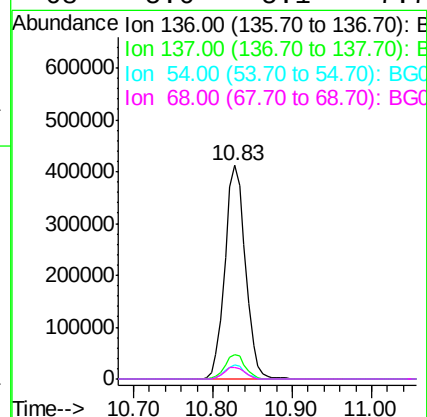
Ion Ratio Lower Upper

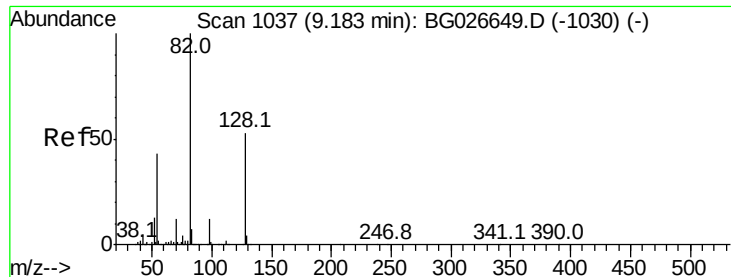
136 100

137 11.7 8.9 13.3

54 6.4 9.3 13.9#

68 5.6 5.1 7.7

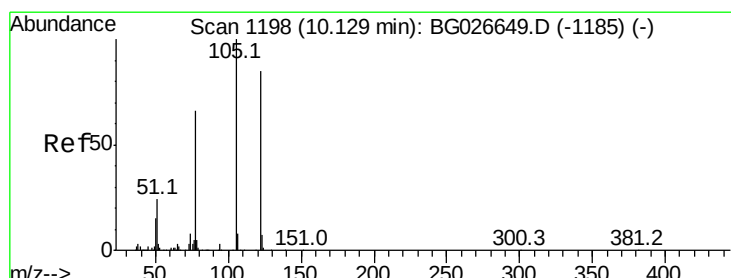
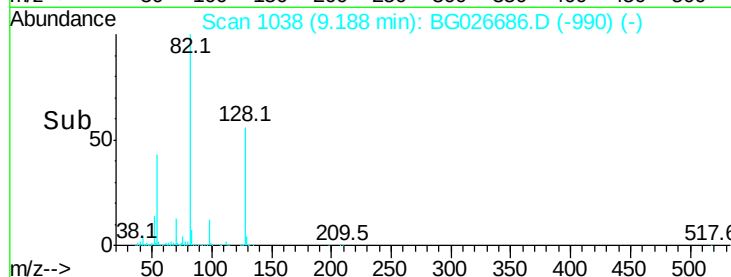
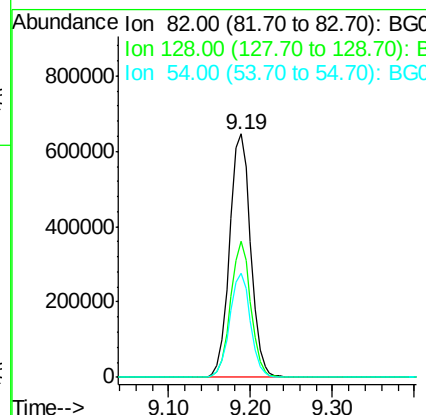
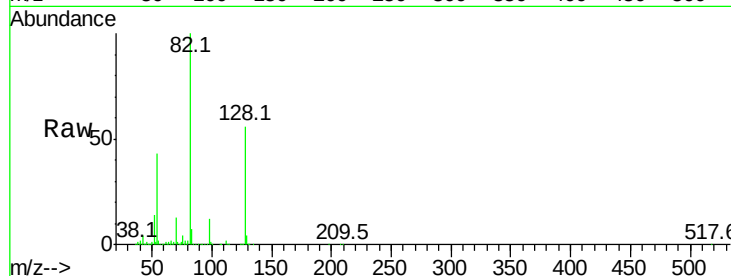




#23
 Nitrobenzene-d5
 Concen: 109.45 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BG026686.D
 Acq: 20 Apr 2017 22:08

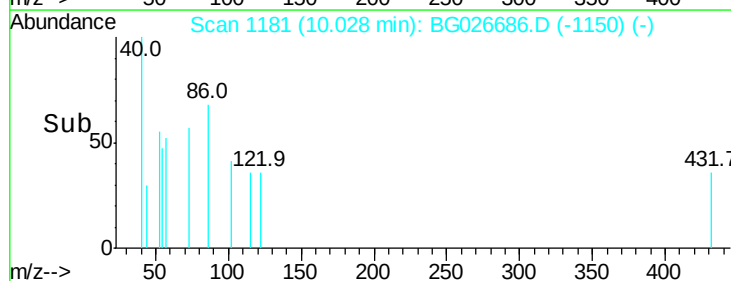
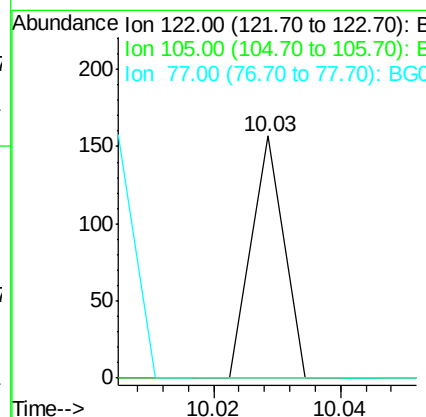
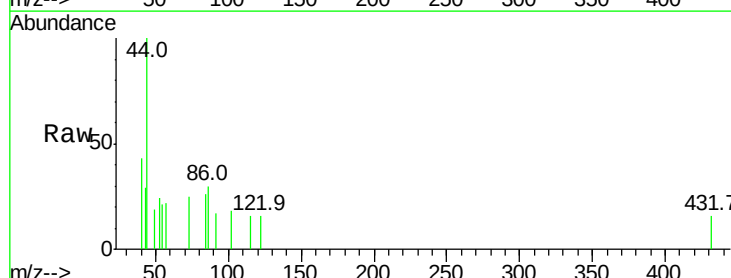
Instrument :
 BNA_G
 ClientSampleId :

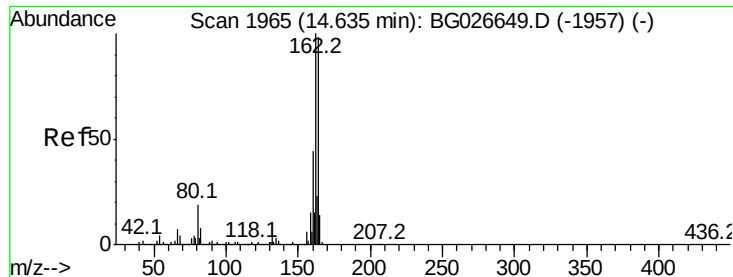
Tot Ion: 82 Resp: 1157195
 Ion Ratio Lower Upper
 82 100
 128 55.7 26.4 39.6#
 54 42.7 49.4 74.2#



#32
 Benzoic acid
 Concen: 9.02 ng
 RT: 10.03 min Scan# 1181
 Delta R.T. -0.12 min
 Lab File: BG026686.D
 Acq: 20 Apr 2017 22:08

Tgt Ion:122 Resp: 55
 Ion Ratio Lower Upper
 122 100
 105 0.0 120.1 160.1#
 77 0.0 104.6 144.6#

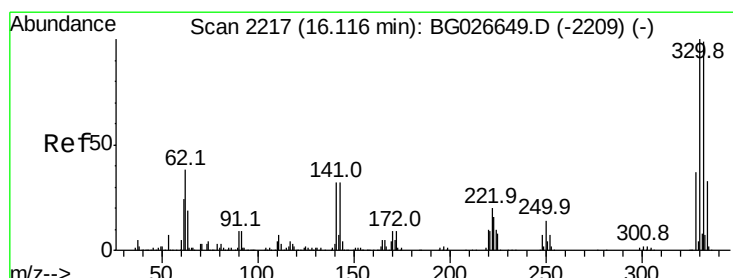
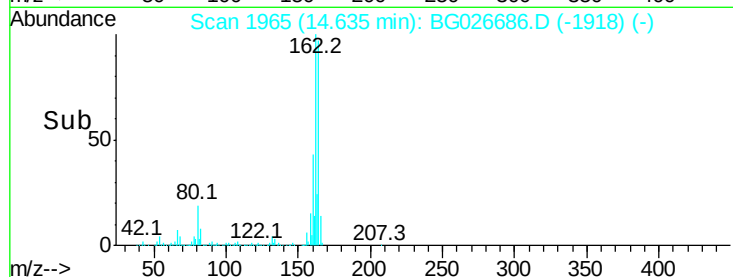
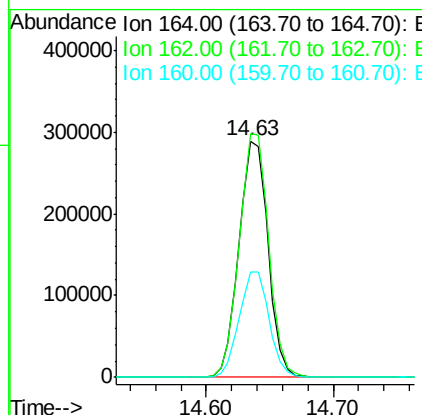
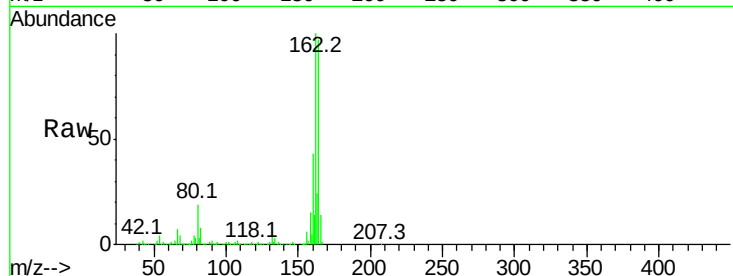




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 1965
Delta R.T. -0.02 min
Lab File: BG026686.D
Acq: 20 Apr 2017 22:08

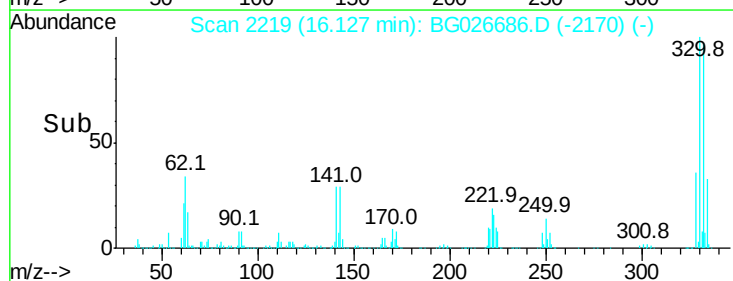
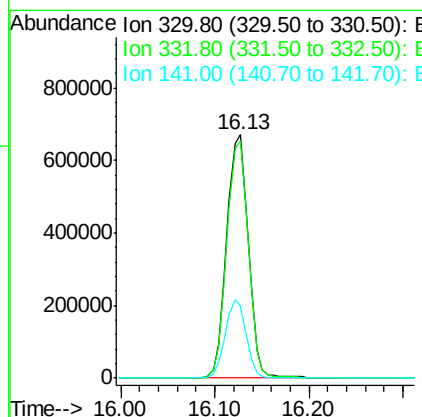
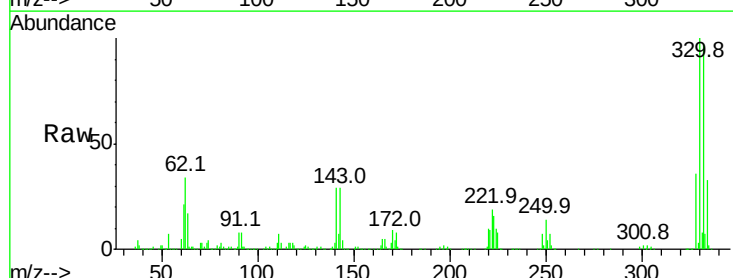
Instrument :
BNA_G
ClientSampleId :

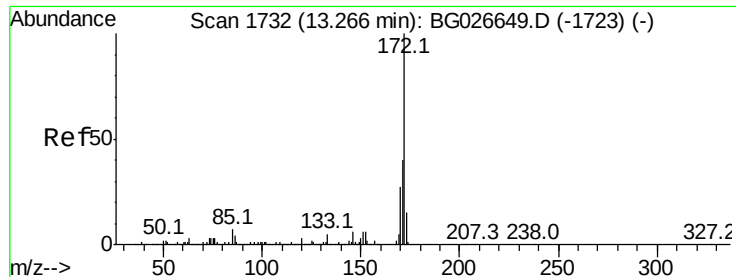
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.0	85.1	127.7
160	44.4	34.7	52.1



#41
2,4,6-Tribromophenol
Concen: 169.37 ng
RT: 16.13 min Scan# 2219
Delta R.T. -0.01 min
Lab File: BG026686.D
Acq: 20 Apr 2017 22:08

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.3	115.9
141	31.2	32.1	48.1#

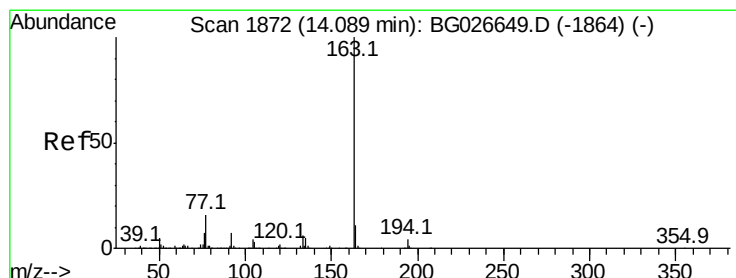
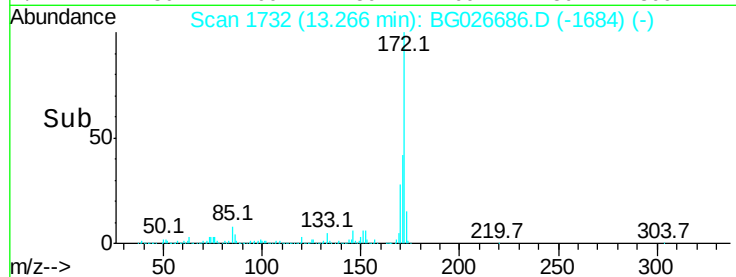
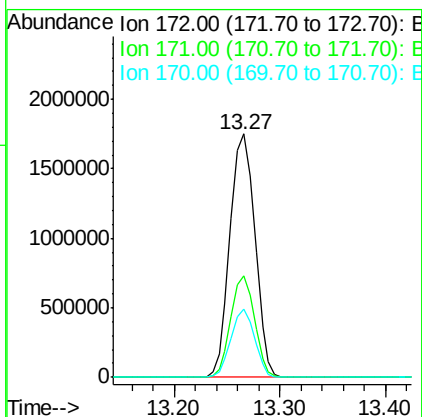
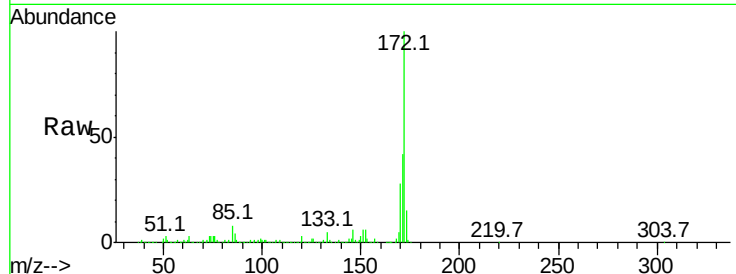




#44
2-Fluorobiphenyl
Concen: 93.29 ng
RT: 13.27 min Scan# 1732
Delta R.T. -0.02 min
Lab File: BG026686.D
Acq: 20 Apr 2017 22:08

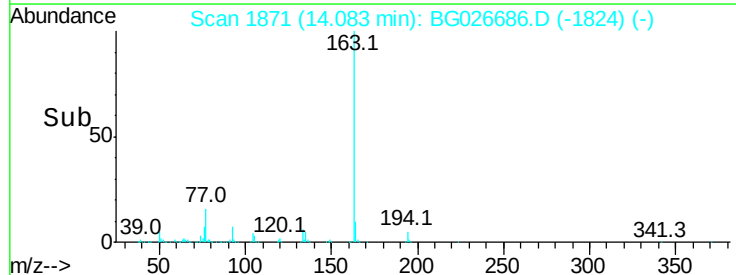
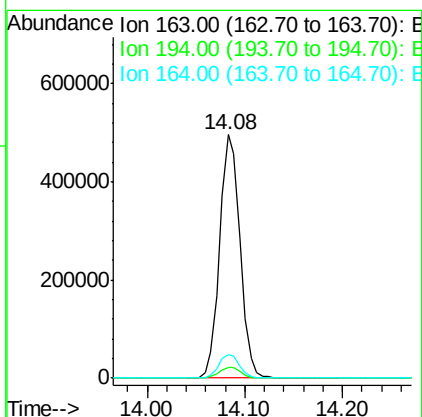
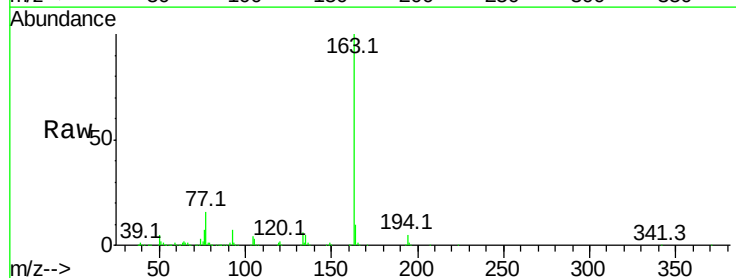
Instrument :
BNA_G
ClientSampleId :

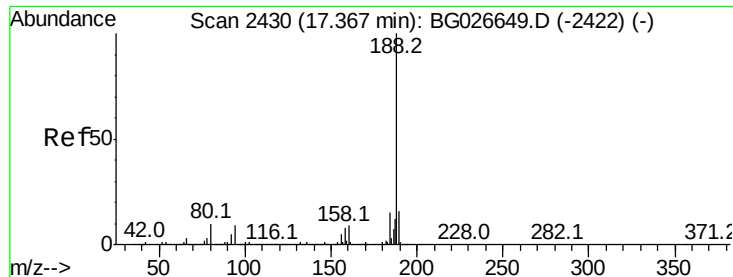
Tot Ion:172 Resp: 2872851
Ion Ratio Lower Upper
172 100
171 41.6 32.2 48.2
170 28.0 21.8 32.6



#49
Dimethylphthalate
Concen: 19.77 ng
RT: 14.08 min Scan# 1871
Delta R.T. -0.02 min
Lab File: BG026686.D
Acq: 20 Apr 2017 22:08

Tgt Ion:163 Resp: 717744
Ion Ratio Lower Upper
163 100
194 4.6 3.8 5.6
164 9.8 9.3 13.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.37 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BG026686.D

Acq: 20 Apr 2017 22:08

Instrument :

BNA_G

ClientSampled :

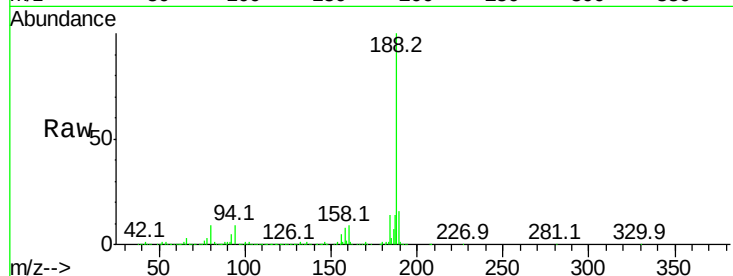
Tot Ion:188 Resp: 1205972

Ion Ratio Lower Upper

188 100

94 8.7 5.8 8.8

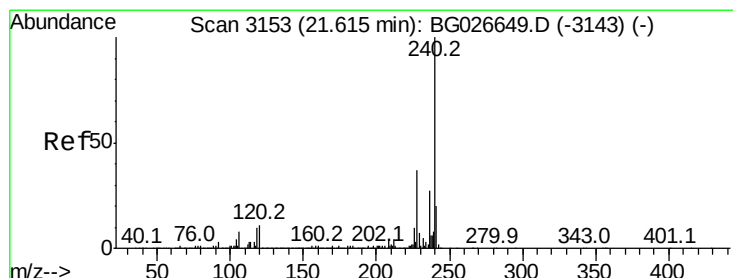
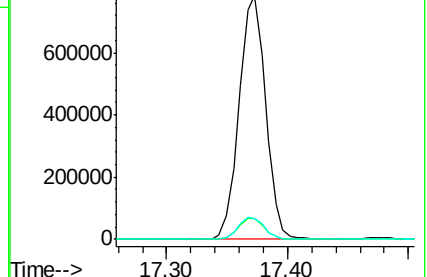
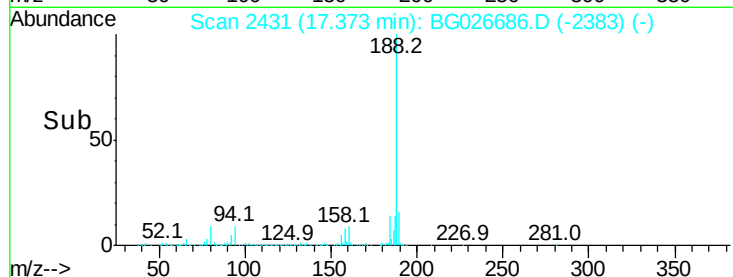
80 8.7 7.5 11.3



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: 21.61 min Scan# 3153

Delta R.T. -0.02 min

Lab File: BG026686.D

Acq: 20 Apr 2017 22:08

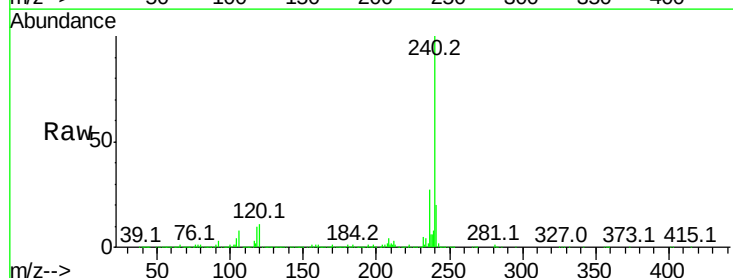
Tgt Ion:240 Resp: 1325198

Ion Ratio Lower Upper

240 100

120 11.1 5.7 8.5#

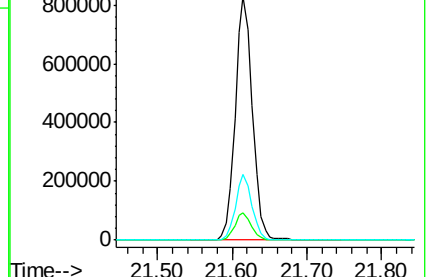
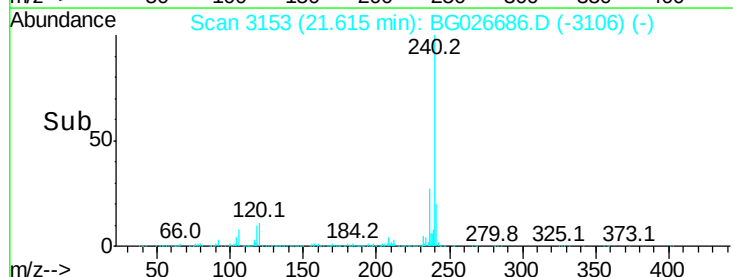
236 26.7 22.2 33.4

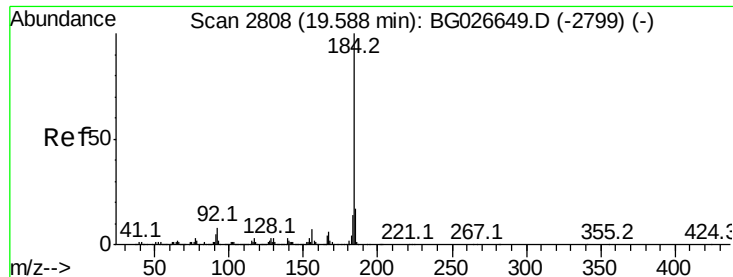


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 3.72 ng

RT: 19.60 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG026686.D

Acq: 20 Apr 2017 22:08

Instrument :

BNA_G

ClientSampleId :

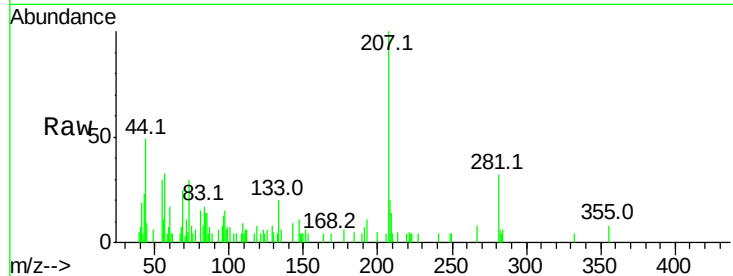
Tot Ion:184 Resp: 73

Ion Ratio Lower Upper

184 100

185 0.0 13.0 19.6#

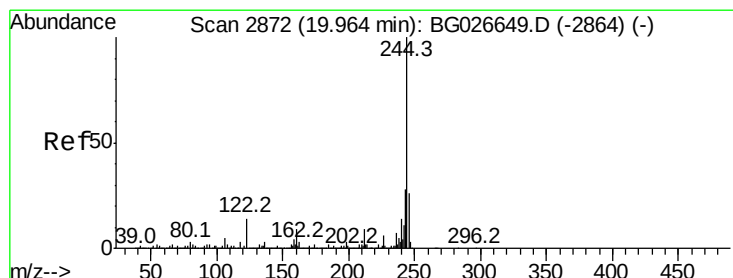
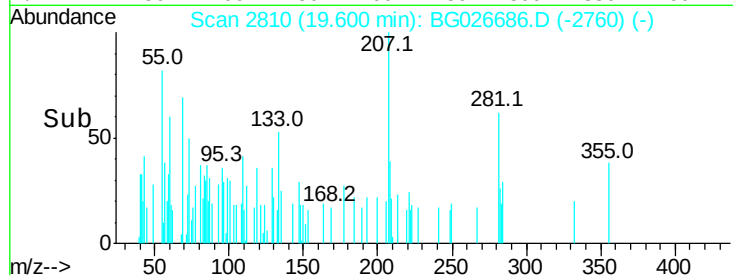
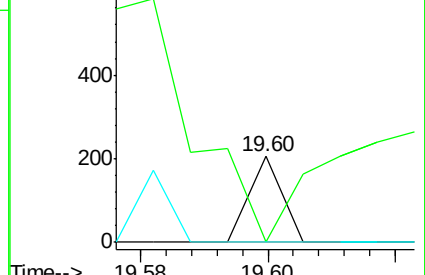
183 0.0 11.0 16.6#



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: 87.18 ng

RT: 19.97 min Scan# 2873

Delta R.T. -0.02 min

Lab File: BG026686.D

Acq: 20 Apr 2017 22:08

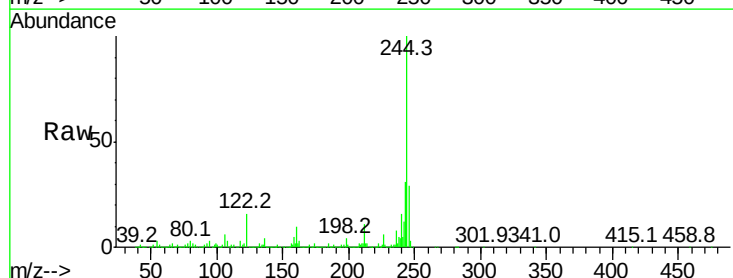
Tgt Ion:244 Resp: 3913281

Ion Ratio Lower Upper

244 100

212 10.5 10.0 15.0

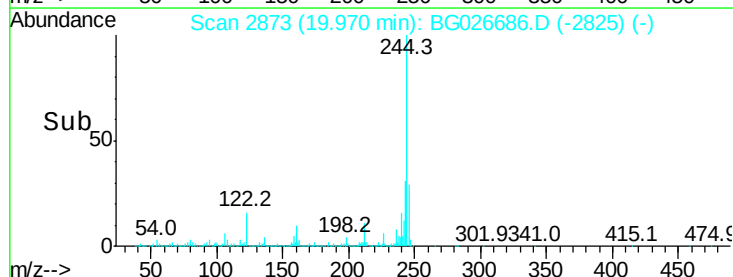
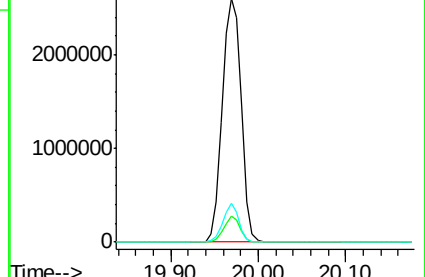
122 15.7 8.6 12.8#

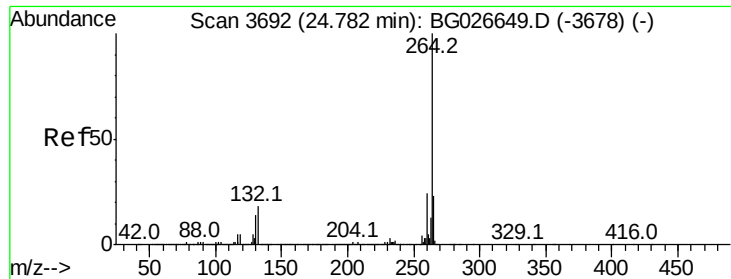


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



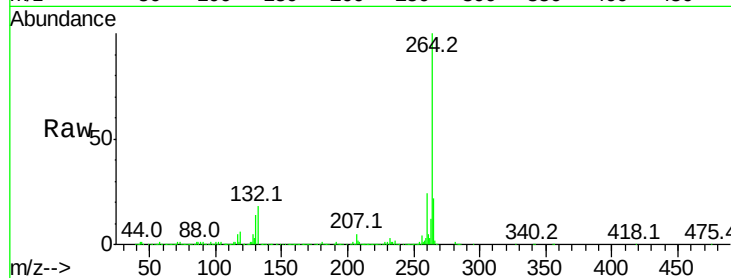


#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.79 min Scan# 3693
Delta R.T. -0.03 min
Lab File: BG026686.D
Acq: 20 Apr 2017 22:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 1291282

Ion	Ratio	Lower	Upper
264	100		
260	24.5	21.8	32.8
265	21.9	18.2	27.4



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

