

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042017\
 Data File : BG026685.D
 Acq On : 20 Apr 2017 21:29
 Operator : SJ/MA
 Sample : I2778-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 21 04:05:22 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

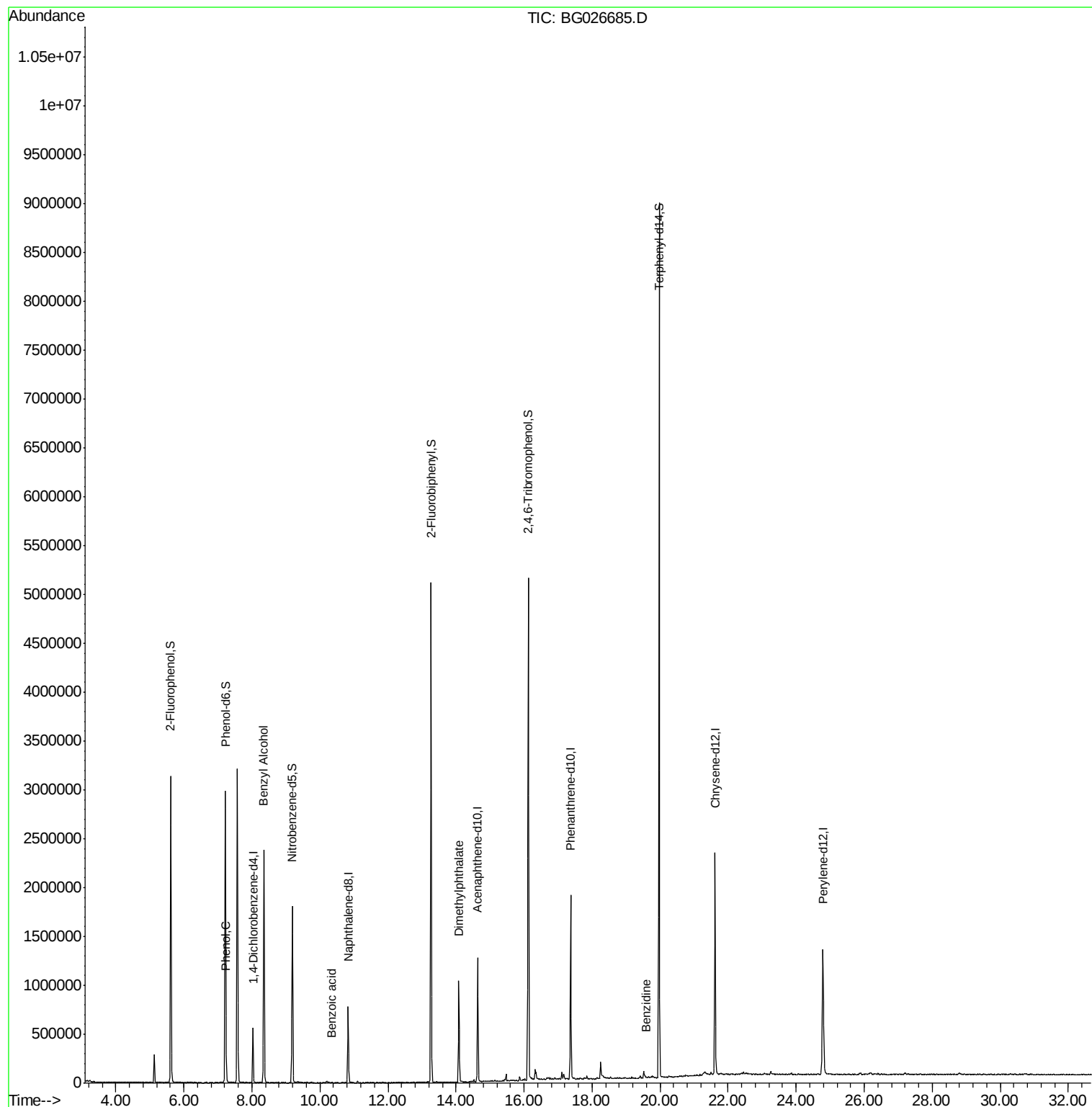
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	176040	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	748580	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	465327	20.00	ng	-0.02
63) Phenanthrene-d10	17.37	188	1227214	20.00	ng	-0.02
75) Chrysene-d12	21.62	240	1386756	20.00	ng	-0.02
86) Perylene-d12	24.79	264	1361188	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1626827	168.00	ng	0.00
7) Phenol-d6	7.22	99	2177877	171.63	ng	0.01
23) Nitrobenzene-d5	9.19	82	1152651	107.44	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	1079765	166.53	ng	-0.02
44) 2-Fluorobiphenyl	13.27	172	2754635	88.17	ng	-0.02
78) Terphenyl-d14	19.97	244	3717374	79.14	ng	-0.02
Target Compounds						
10) Phenol	7.24	94	42138	3.05	ng	Qvalue 85
15) Benzyl Alcohol	8.35	79	16203	2.04	ng	# 45
32) Benzoic acid	10.34	122	125	9.02	ng	# 1
49) Dimethylphthalate	14.08	163	760736	20.65	ng	98
76) Benzidine	19.59	184	70	3.72	ng	# 1

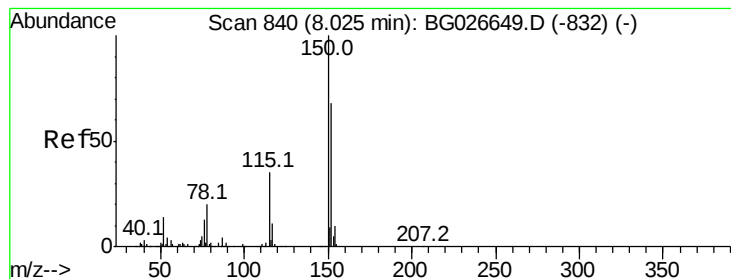
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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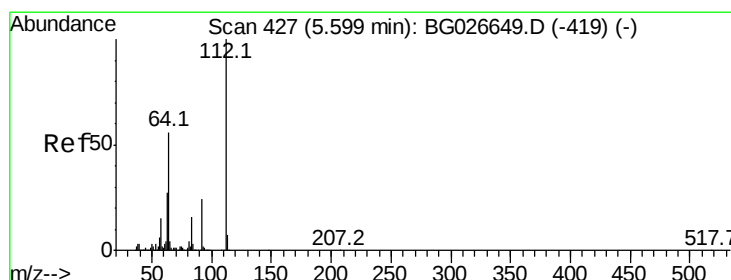
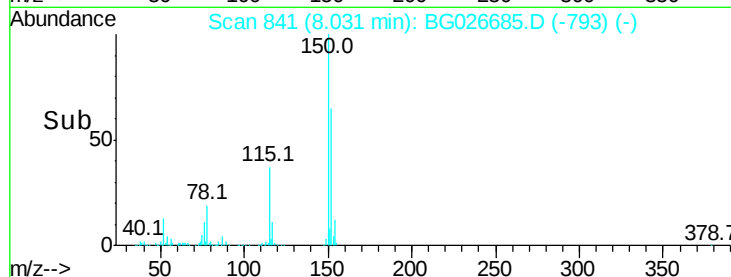
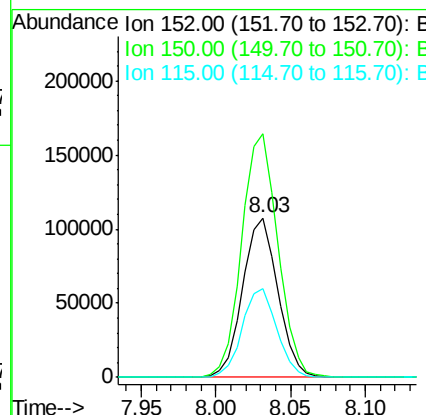
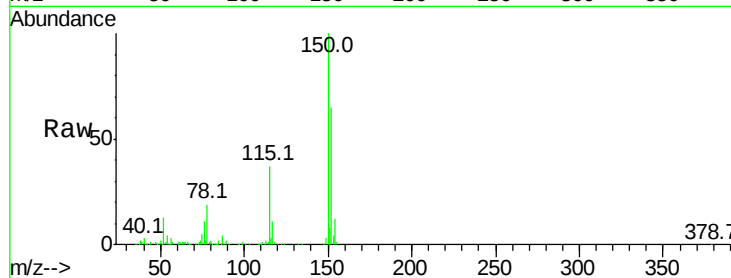


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG026685.D
Acq: 20 Apr 2017 21:29

Instrument :
BNA_G
ClientSampleId :

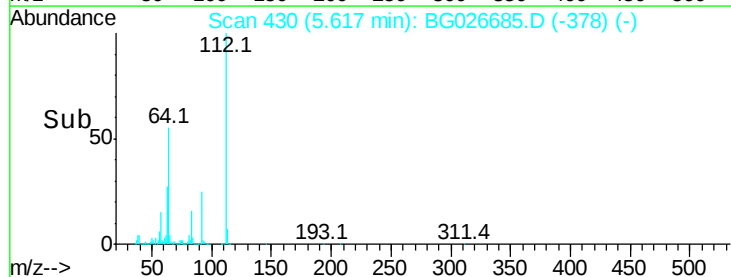
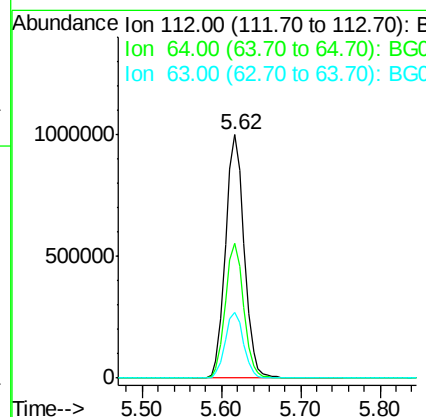
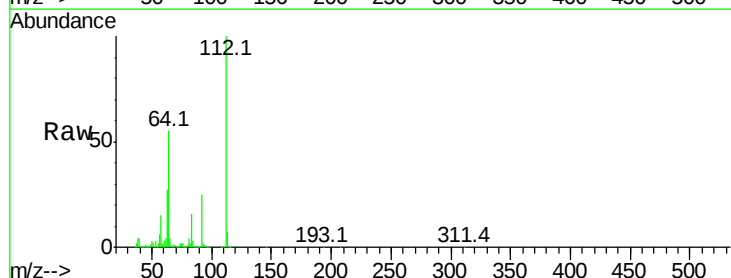
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	114.0	171.0
115	55.8	48.1	72.1

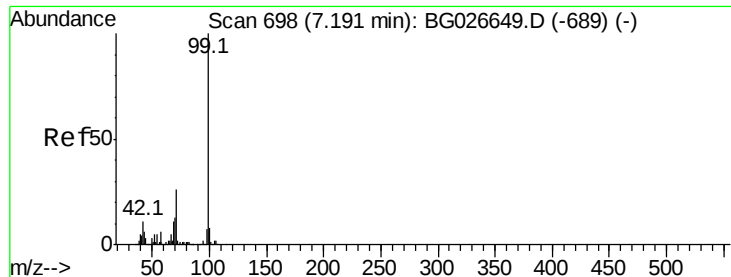


#5

2-Fluorophenol
Concen: 168.00 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG026685.D
Acq: 20 Apr 2017 21:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.2	61.8	92.6#
63	27.0	37.2	55.8#





#7

Phenol-d6

Concen: 171.63 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG026685.D

Acq: 20 Apr 2017 21:29

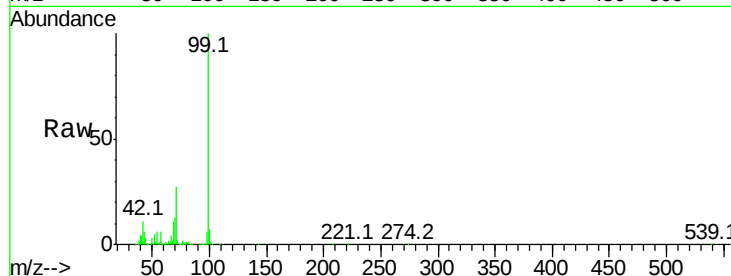
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 2177877

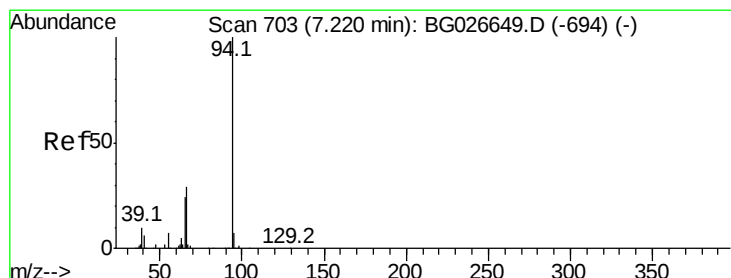
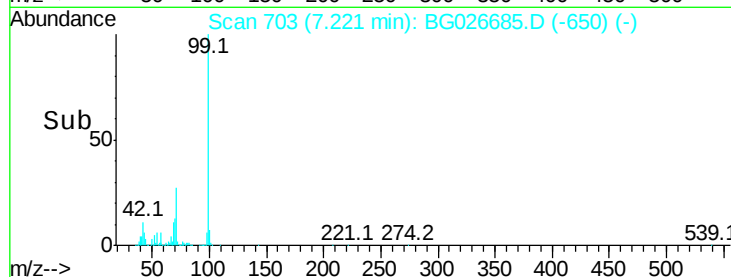
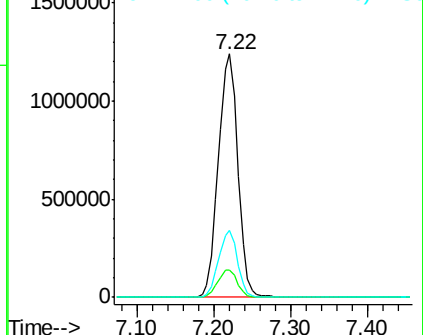
Ion	Ratio	Lower	Upper
99	100		
42	11.0	20.5	30.7#
71	27.4	37.6	56.4#



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: 3.05 ng

RT: 7.24 min Scan# 707

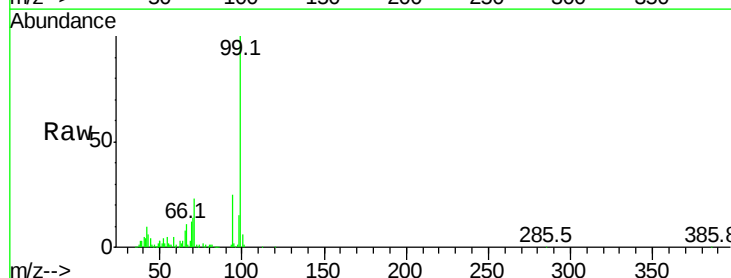
Delta R.T. 0.01 min

Lab File: BG026685.D

Acq: 20 Apr 2017 21:29

Tgt Ion: 94 Resp: 42138

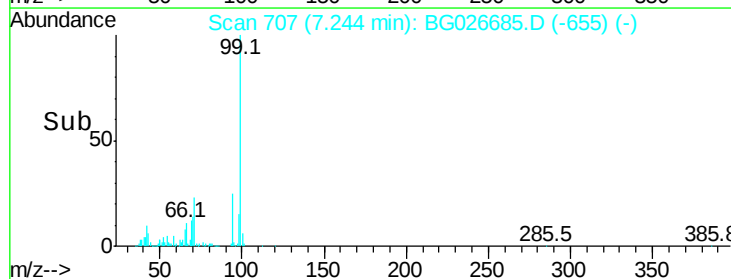
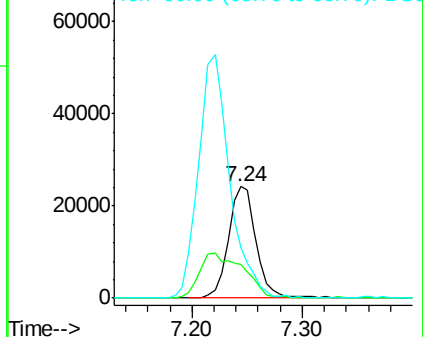
Ion	Ratio	Lower	Upper
94	100		
65	30.0	20.6	60.6
66	45.2	35.5	75.5

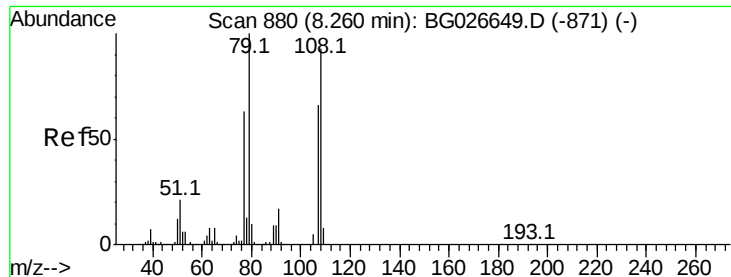


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#15

Benzyl Alcohol

Concen: 2.04 ng

RT: 8.35 min Scan# 896

Delta R.T. 0.07 min

Lab File: BG026685.D

Acq: 20 Apr 2017 21:29

Instrument :

BNA_G

ClientSampleId :

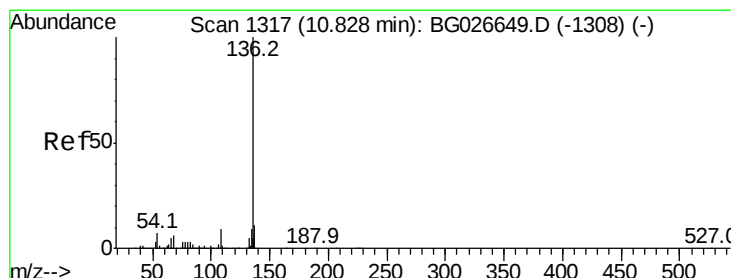
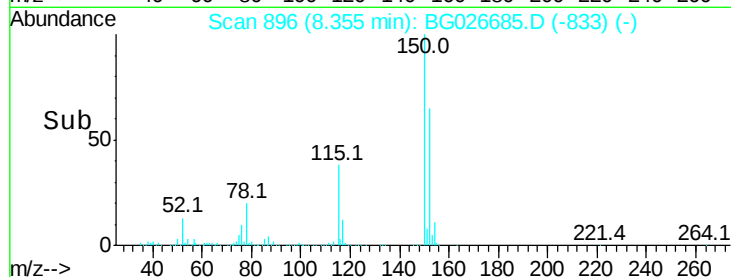
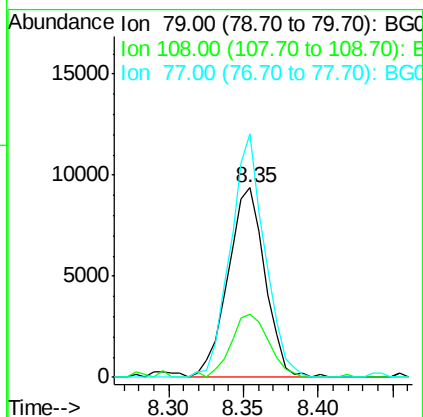
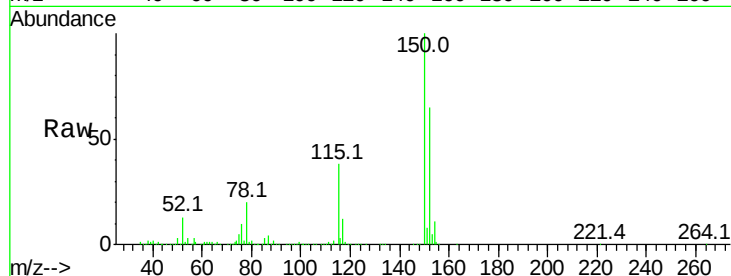
Tot Ion: 79 Resp: 16203

Ion Ratio Lower Upper

79 100

108 33.6 45.5 68.3#

77 128.5 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: BG026685.D

Acq: 20 Apr 2017 21:29

Tgt Ion: 136 Resp: 748580

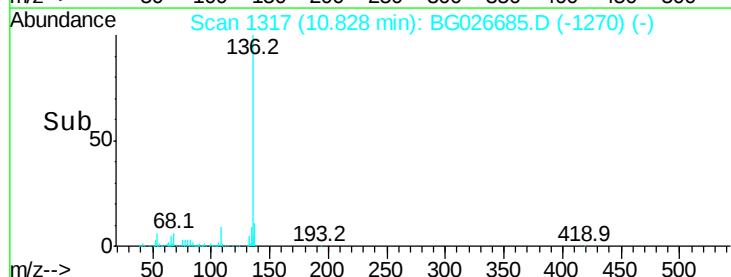
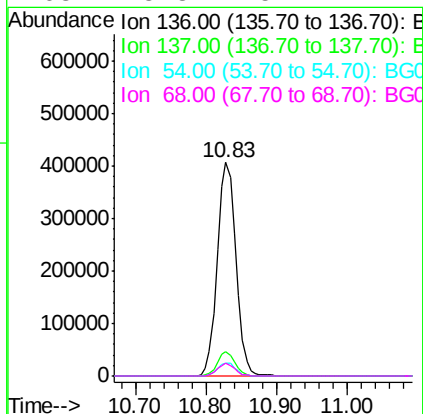
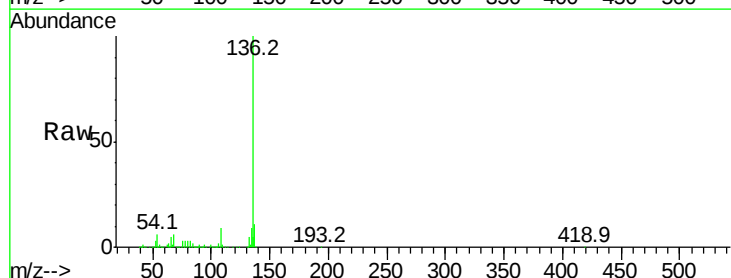
Ion Ratio Lower Upper

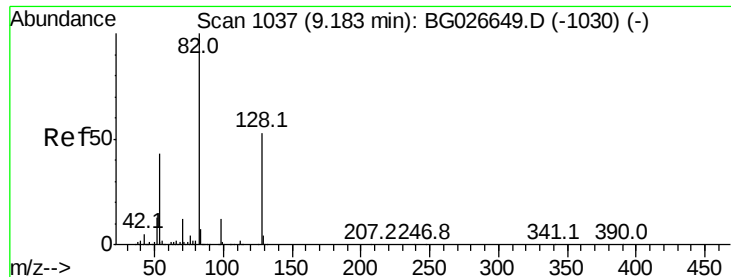
136 100

137 11.3 8.9 13.3

54 6.1 9.3 13.9#

68 5.8 5.1 7.7

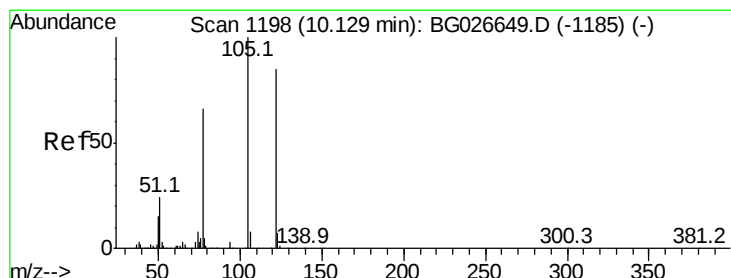
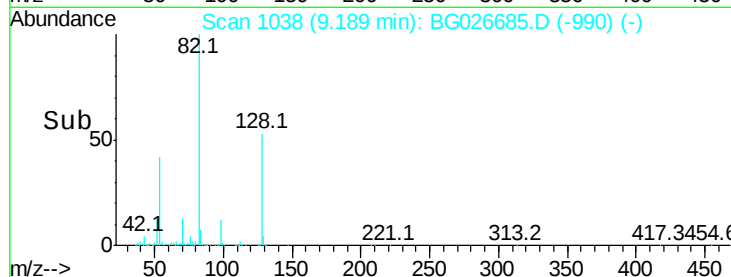
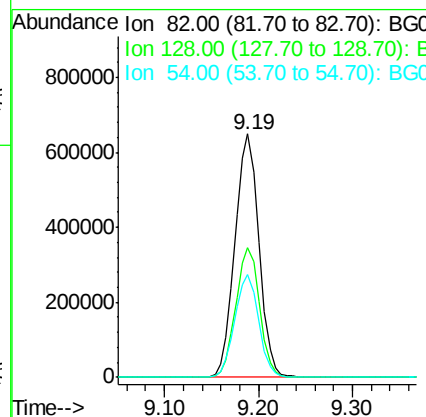
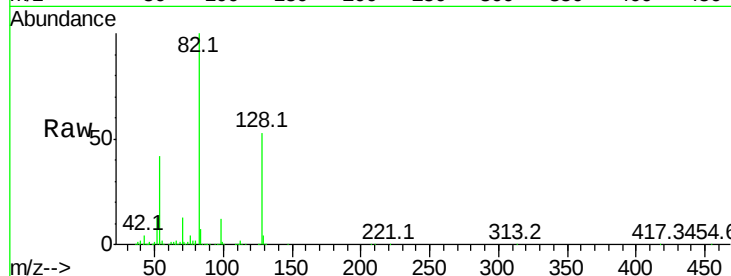




#23
 Nitrobenzene-d5
 Concen: 107.44 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BG026685.D
 Acq: 20 Apr 2017 21:29

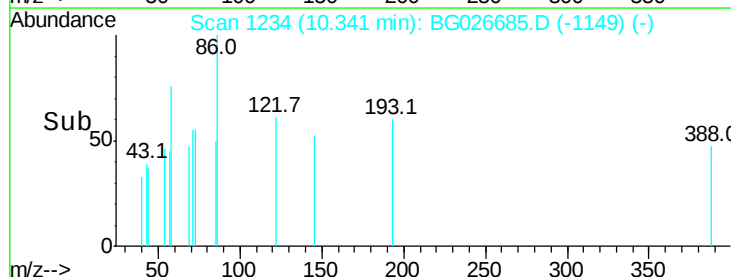
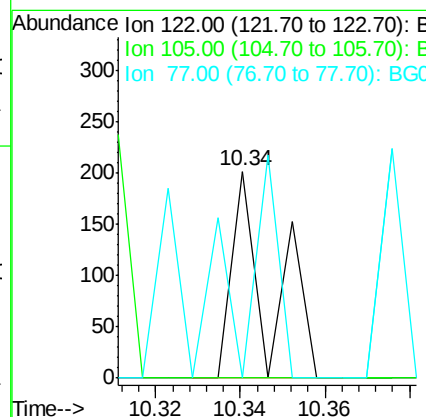
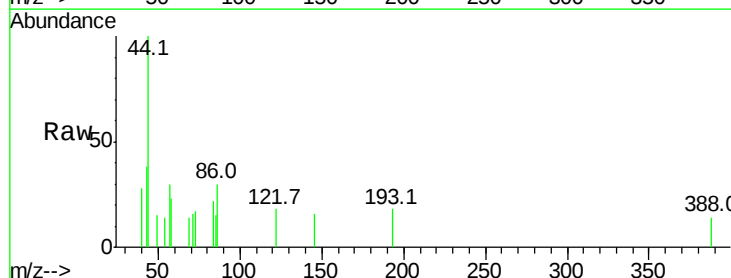
Instrument :
 BNA_G
 ClientSampled :

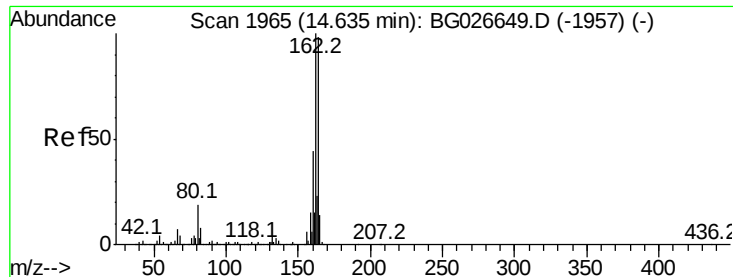
Tot Ion: 82 Resp: 1152651
 Ion Ratio Lower Upper
 82 100
 128 53.4 26.4 39.6#
 54 42.0 49.4 74.2#



#32
 Benzoic acid
 Concen: 9.02 ng
 RT: 10.34 min Scan# 1234
 Delta R.T. 0.20 min
 Lab File: BG026685.D
 Acq: 20 Apr 2017 21:29

Tgt Ion: 122 Resp: 125
 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: 14.64 min Scan# 1965

Delta R.T. -0.02 min

Lab File: BG026685.D

Acq: 20 Apr 2017 21:29

Instrument :

BNA_G

ClientSampleId :

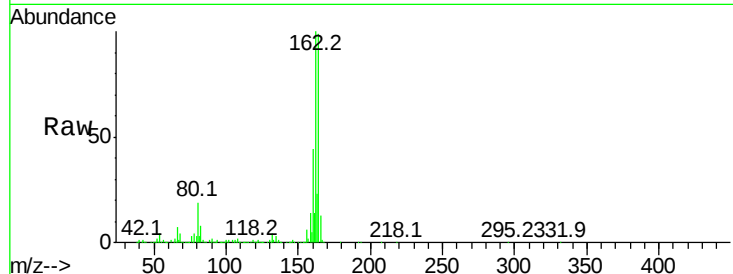
Tot Ion:164 Resp: 465327

Ion Ratio Lower Upper

164 100

162 101.4 85.1 127.7

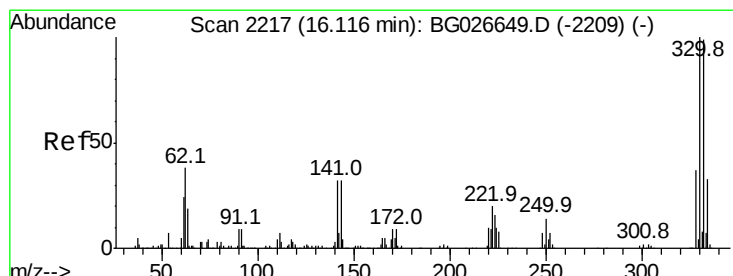
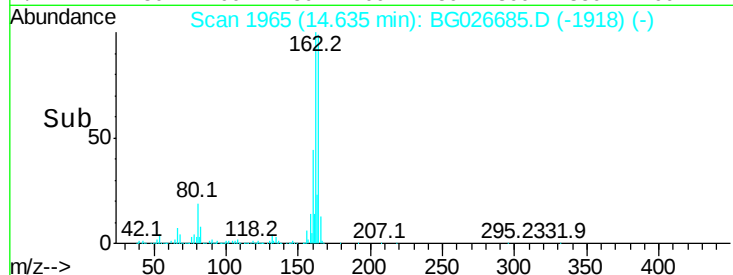
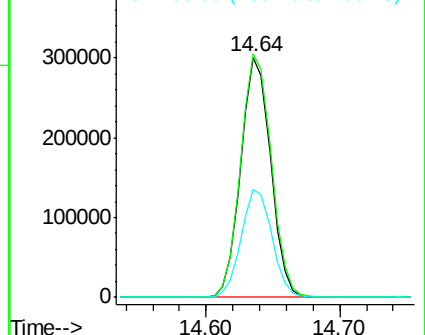
160 45.0 34.7 52.1



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: 166.53 ng

RT: 16.12 min Scan# 2218

Delta R.T. -0.02 min

Lab File: BG026685.D

Acq: 20 Apr 2017 21:29

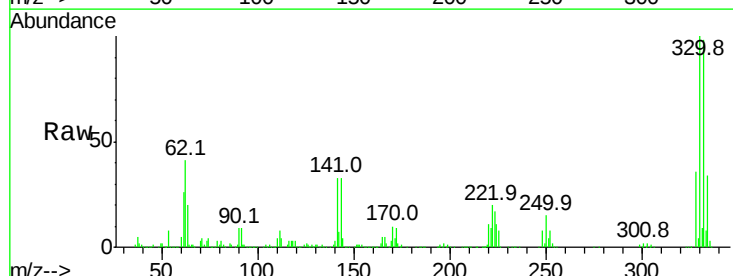
Tgt Ion:330 Resp: 1079765

Ion Ratio Lower Upper

330 100

332 97.3 77.3 115.9

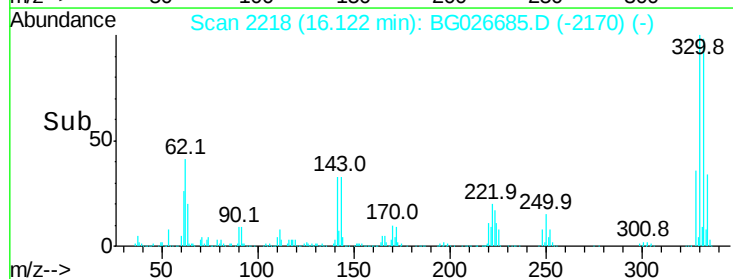
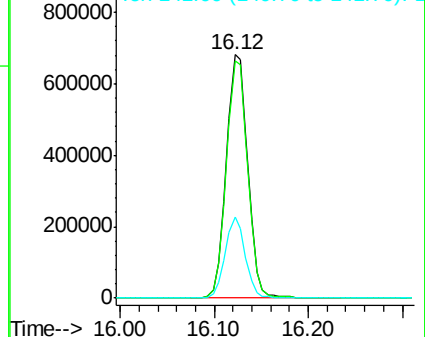
141 31.4 32.1 48.1#

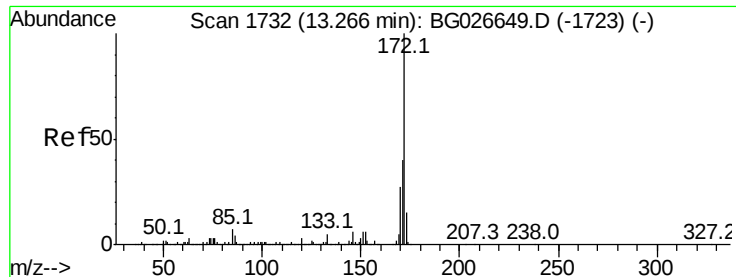


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

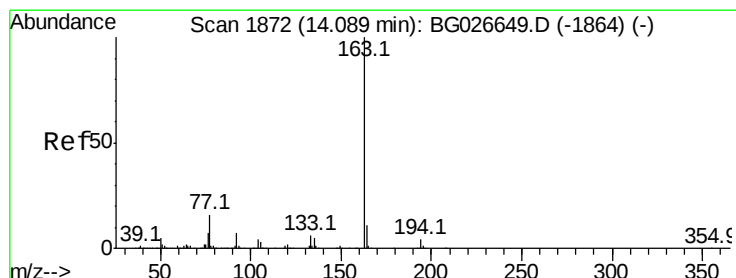
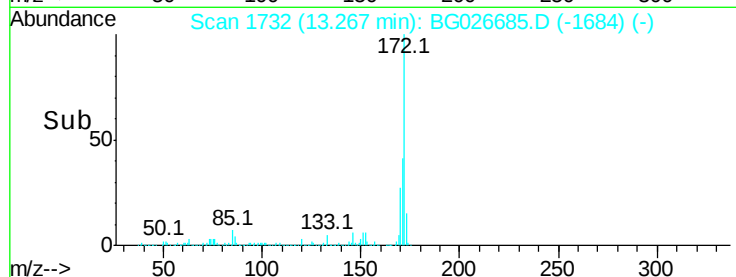
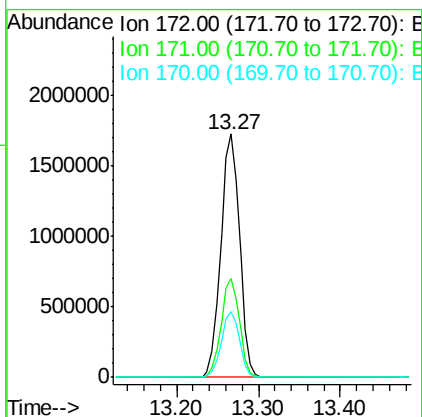
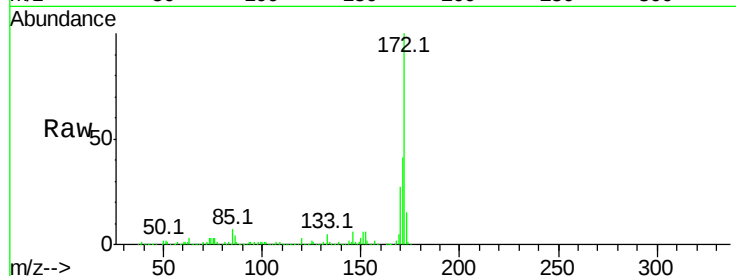




#44
2-Fluorobiphenyl
Concen: 88.17 ng
RT: 13.27 min Scan# 1732
Delta R.T. -0.02 min
Lab File: BG026685.D
Acq: 20 Apr 2017 21:29

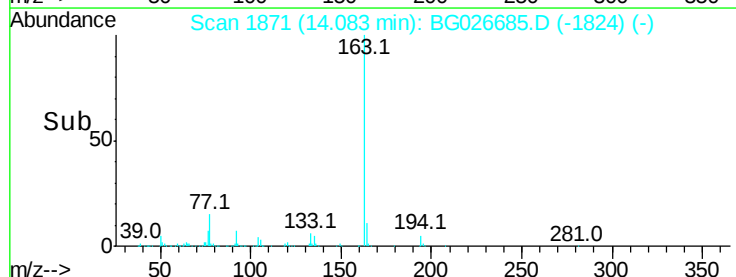
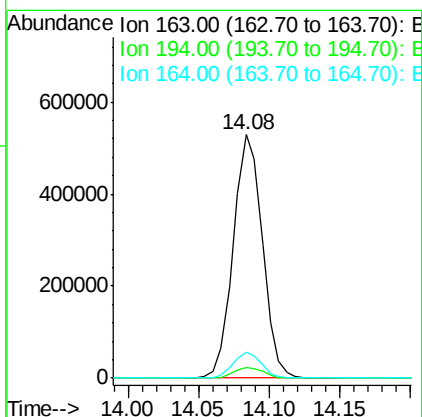
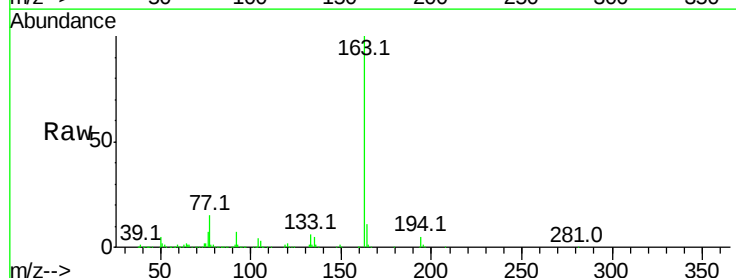
Instrument :
BNA_G
ClientSampled :

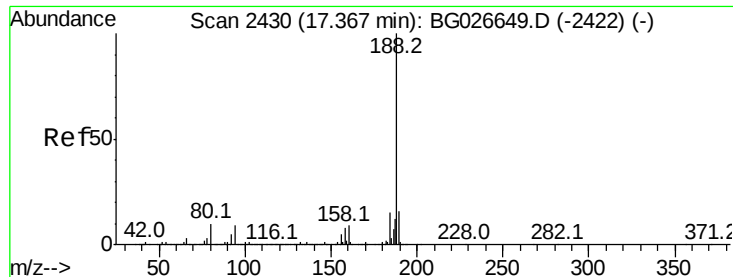
Tot Ion:172 Resp: 2754635
Ion Ratio Lower Upper
172 100
171 40.5 32.2 48.2
170 27.2 21.8 32.6



#49
Dimethylphthalate
Concen: 20.65 ng
RT: 14.08 min Scan# 1871
Delta R.T. -0.02 min
Lab File: BG026685.D
Acq: 20 Apr 2017 21:29

Tgt Ion:163 Resp: 760736
Ion Ratio Lower Upper
163 100
194 4.5 3.8 5.6
164 10.8 9.3 13.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.37 min Scan# 2430

Delta R.T. -0.02 min

Lab File: BG026685.D

Acq: 20 Apr 2017 21:29

Instrument :

BNA_G

ClientSampleId :

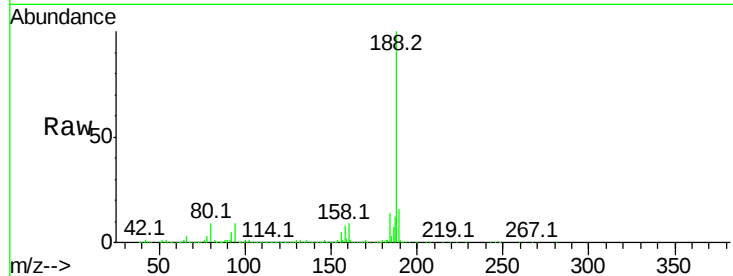
Tot Ion:188 Resp: 1227214

Ion Ratio Lower Upper

188 100

94 9.2 5.8 8.8#

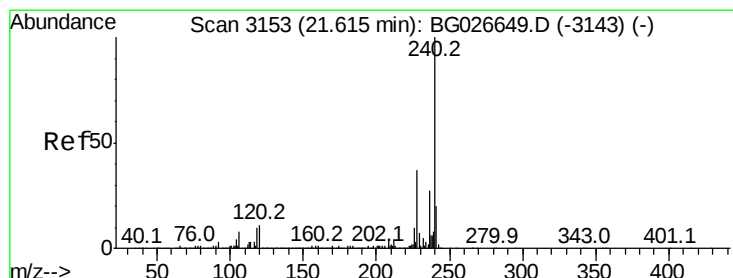
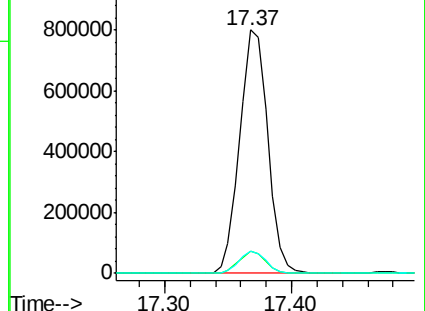
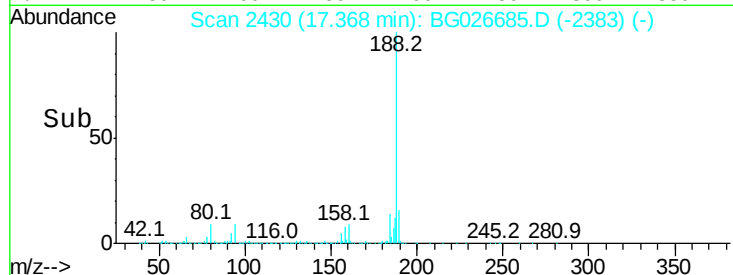
80 9.4 7.5 11.3



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: 21.62 min Scan# 3153

Delta R.T. -0.02 min

Lab File: BG026685.D

Acq: 20 Apr 2017 21:29

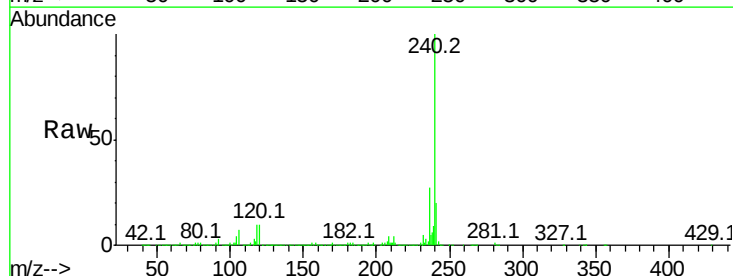
Tgt Ion:240 Resp: 1386756

Ion Ratio Lower Upper

240 100

120 10.5 5.7 8.5#

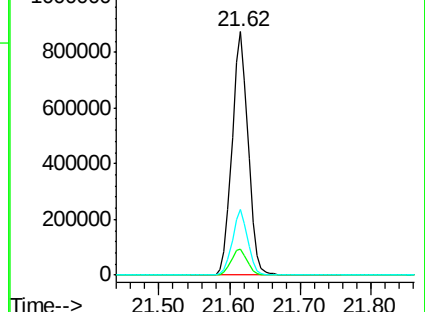
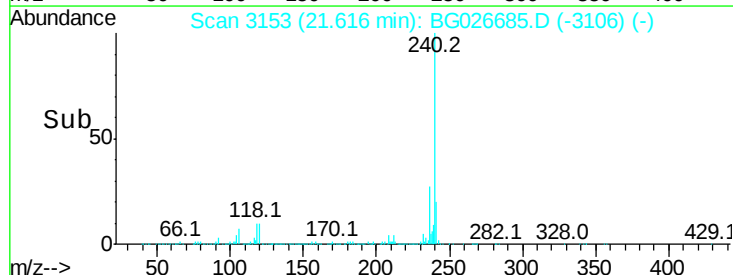
236 26.8 22.2 33.4

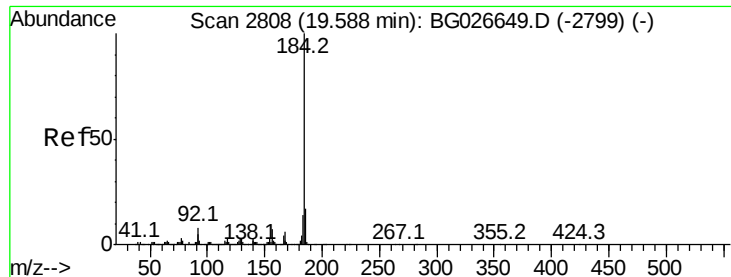


Abundance Ion 240.00 (239.70 to 240.70): E

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: 19.59 min Scan# 2809

Delta R.T. -0.01 min

Lab File: BG026685.D

Acq: 20 Apr 2017 21:29

Instrument :

BNA_G

ClientSampleId :

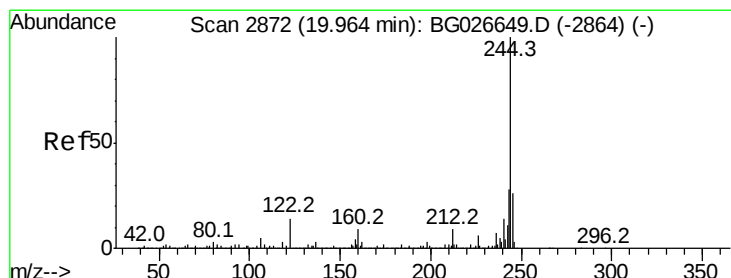
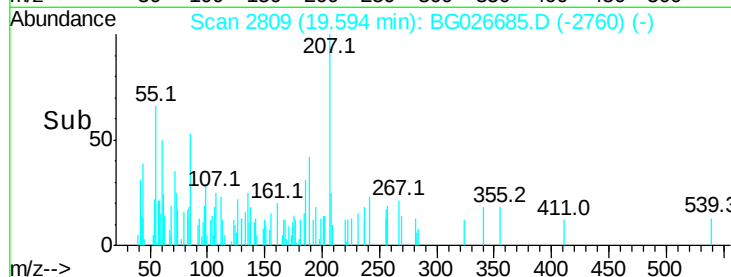
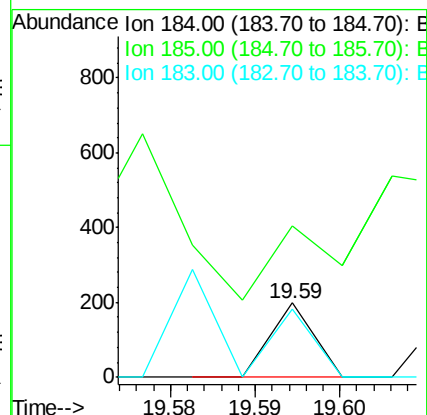
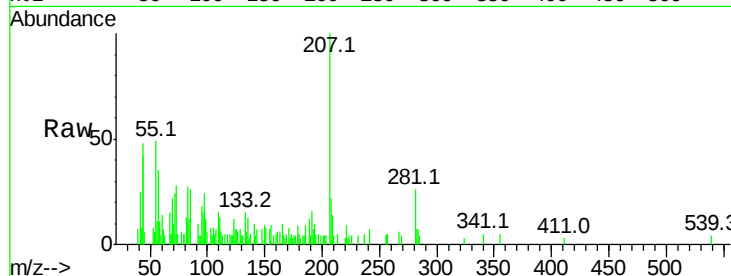
Tot Ion:184 Resp: 70

Ion Ratio Lower Upper

184 100

185 204.0 13.0 19.6#

183 91.0 11.0 16.6#



#78

Terphenyl-d14

Concen: 79.14 ng

RT: 19.97 min Scan# 2873

Delta R.T. -0.02 min

Lab File: BG026685.D

Acq: 20 Apr 2017 21:29

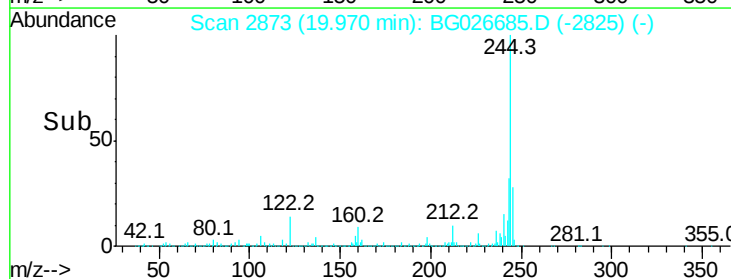
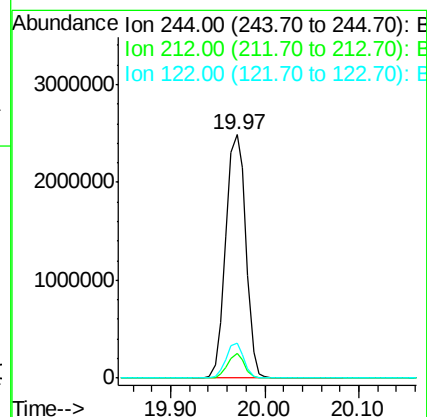
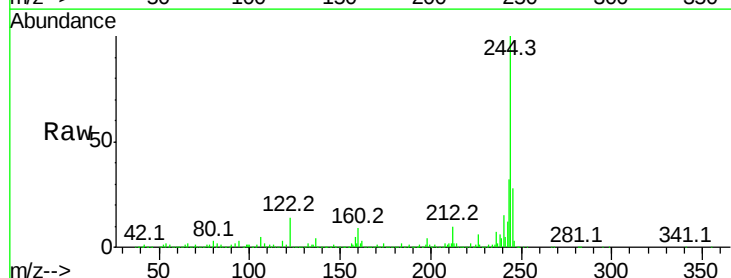
Tgt Ion:244 Resp: 3717374

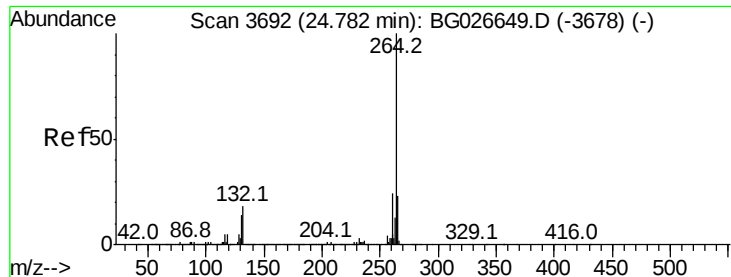
Ion Ratio Lower Upper

244 100

212 10.1 10.0 15.0

122 14.2 8.6 12.8#



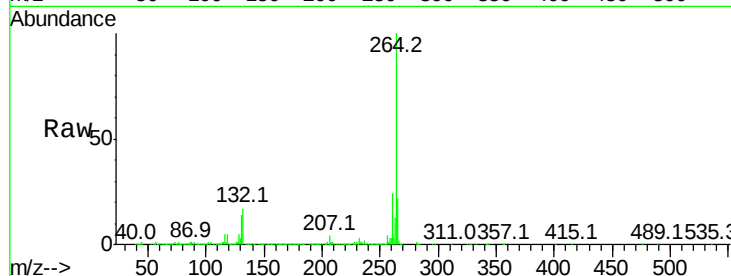


#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.79 min Scan# 3693
Delta R.T. -0.03 min
Lab File: BG026685.D
Acq: 20 Apr 2017 21:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 1361188

Ion	Ratio	Lower	Upper
264	100		
260	23.6	21.8	32.8
265	21.8	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

