

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041917\
 Data File : BG026673.D
 Acq On : 20 Apr 2017 2:49
 Operator : SJ/MA
 Sample : I2751-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 20 06:47:37 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

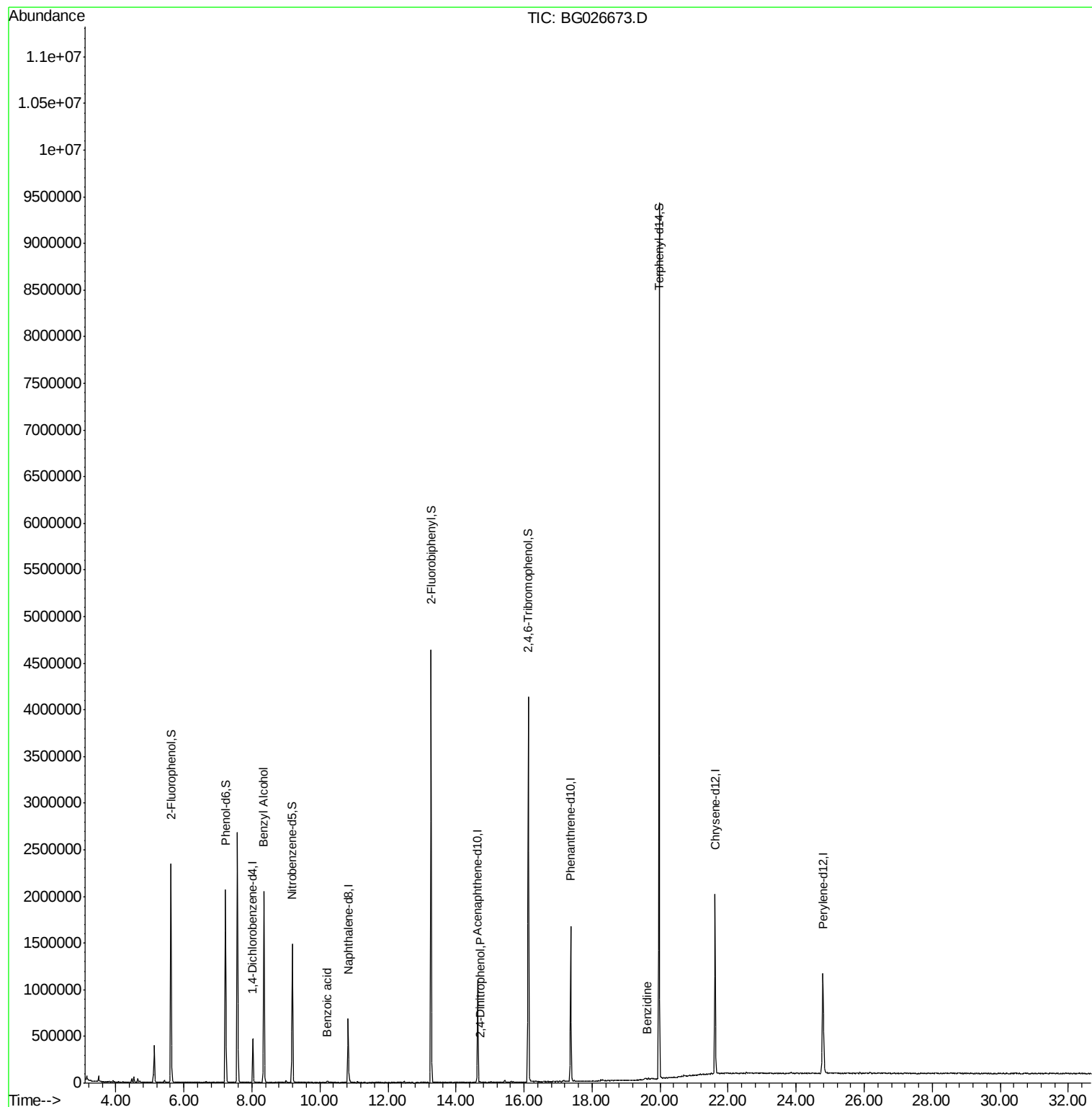
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	155874	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	658089	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	400606	20.00	ng	-0.02
63) Phenanthrene-d10	17.37	188	1105598	20.00	ng	-0.02
75) Chrysene-d12	21.62	240	1218691	20.00	ng	-0.02
86) Perylene-d12	24.78	264	1131119	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1257365	146.64	ng	0.00
7) Phenol-d6	7.22	99	1553146	138.23	ng	0.01
23) Nitrobenzene-d5	9.19	82	940925	99.77	ng	-0.02
41) 2,4,6-Tribromophenol	16.13	330	868847	155.65	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	2532567	94.15	ng	-0.02
78) Terphenyl-d14	19.97	244	3703503	89.72	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	8.36	79	15186	2.16	ng	# 52
32) Benzoic acid	10.22	122	155	9.03	ng	94
53) 2,4-Dinitrophenol	14.73	184	57	8.76	ng	# 25
76) Benzidine	19.61	184	212	3.72	ng	# 1

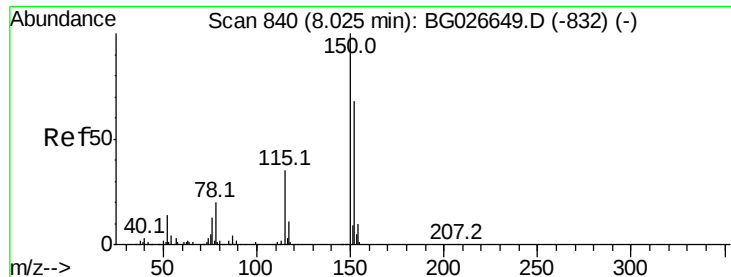
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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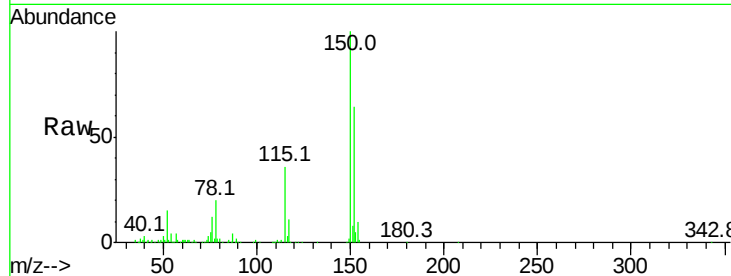


#1

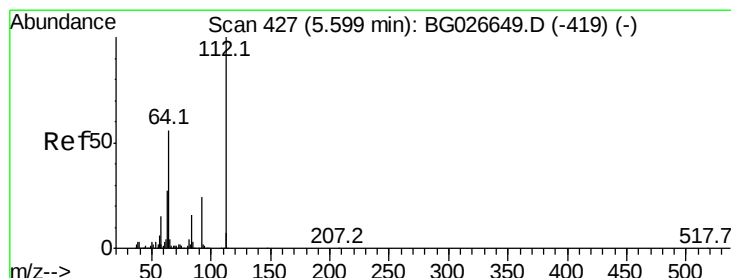
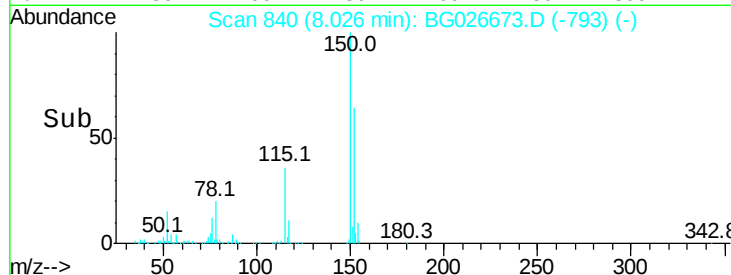
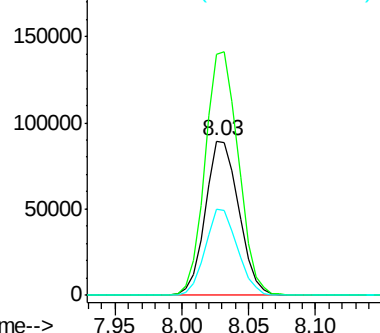
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 840
Delta R.T. -0.02 min
Lab File: BG026673.D
Acq: 20 Apr 2017 2:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 155874
Ion Ratio Lower Upper
152 100
150 156.4 114.0 171.0
115 55.7 48.1 72.1



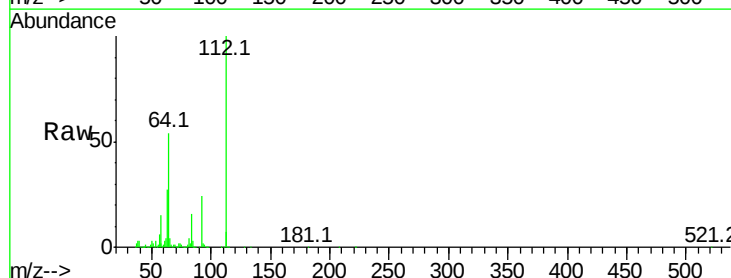
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



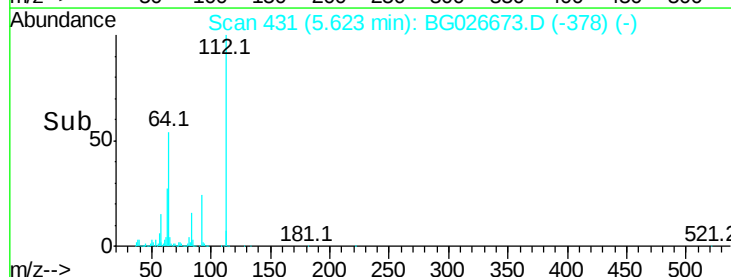
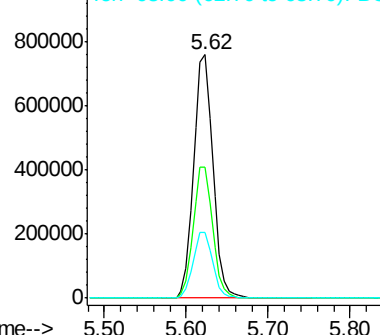
#5

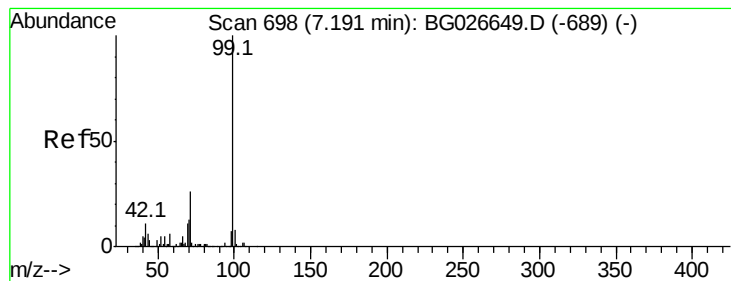
2-Fluorophenol
Concen: 146.64 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.01 min
Lab File: BG026673.D
Acq: 20 Apr 2017 2:49

Tgt Ion:112 Resp: 1257365
Ion Ratio Lower Upper
112 100
64 53.9 61.8 92.6#
63 27.2 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: 138.23 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG026673.D

Acq: 20 Apr 2017 2:49

Instrument :

BNA_G

ClientSampleId :

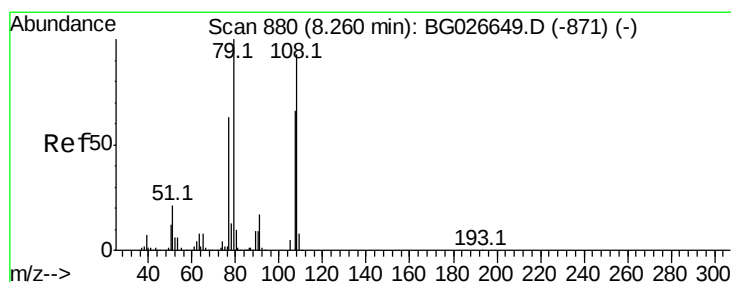
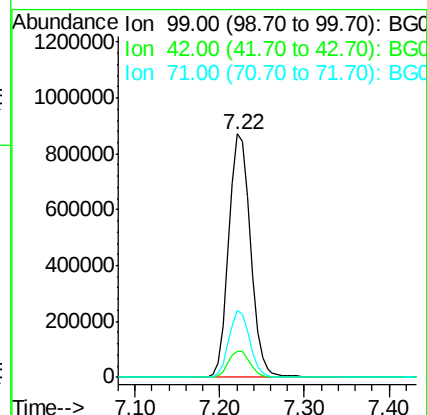
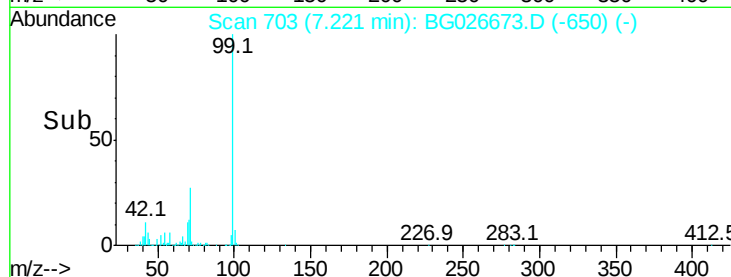
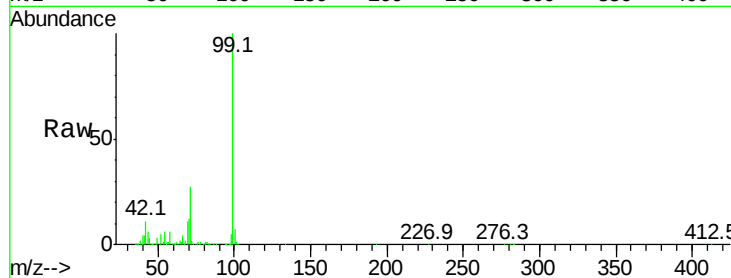
Tot Ion: 99 Resp: 1553146

Ion Ratio Lower Upper

99 100

42 10.6 20.5 30.7#

71 27.3 37.6 56.4#



#15

Benzyl Alcohol

Concen: 2.16 ng

RT: 8.36 min Scan# 896

Delta R.T. 0.07 min

Lab File: BG026673.D

Acq: 20 Apr 2017 2:49

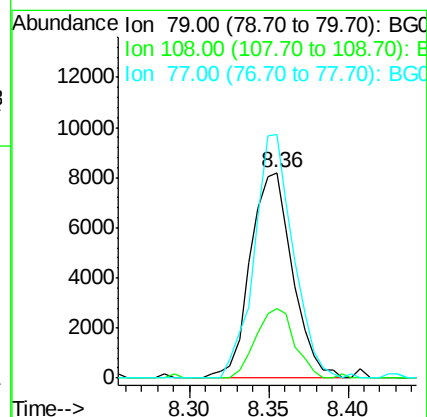
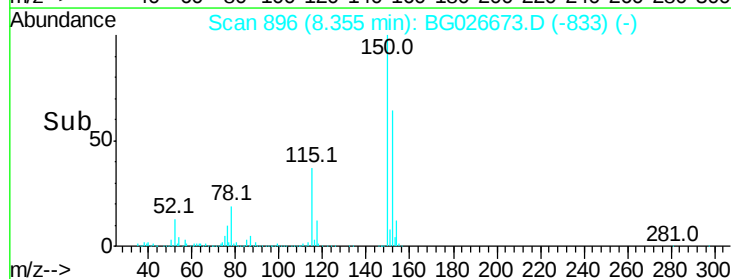
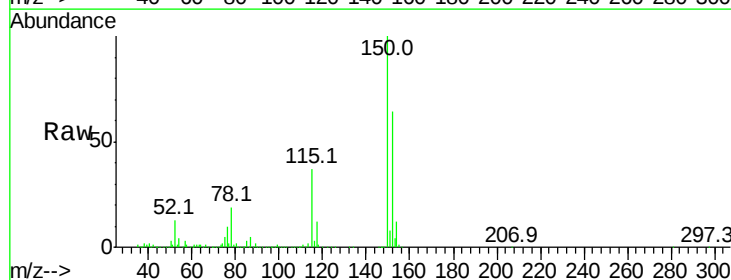
Tgt Ion: 79 Resp: 15186

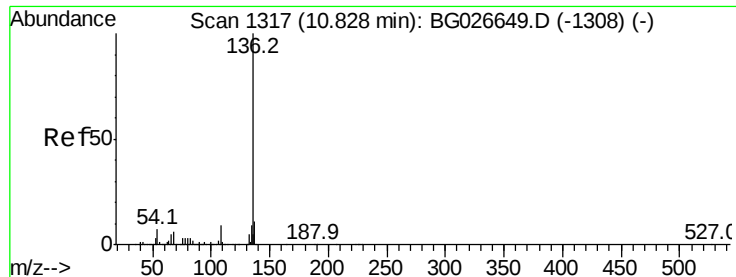
Ion Ratio Lower Upper

79 100

108 34.1 45.5 68.3#

77 118.4 54.3 81.5#

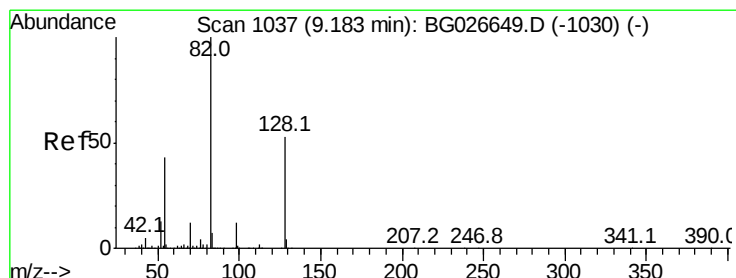
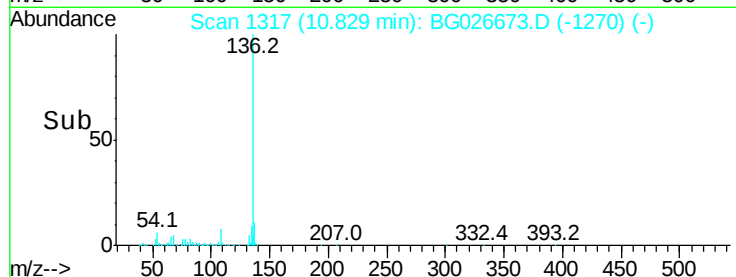
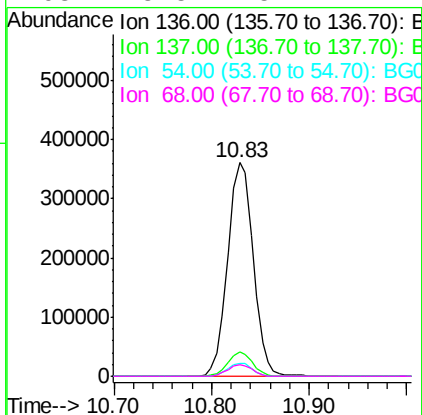
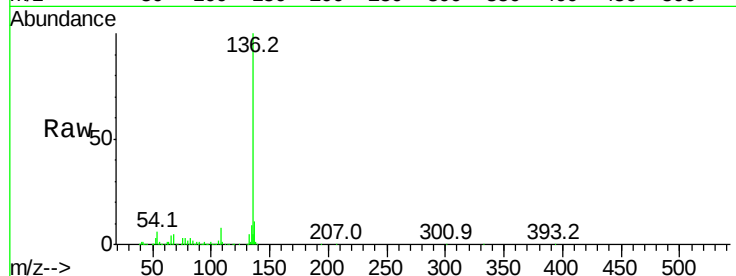




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BG026673.D
Acq: 20 Apr 2017 2:49

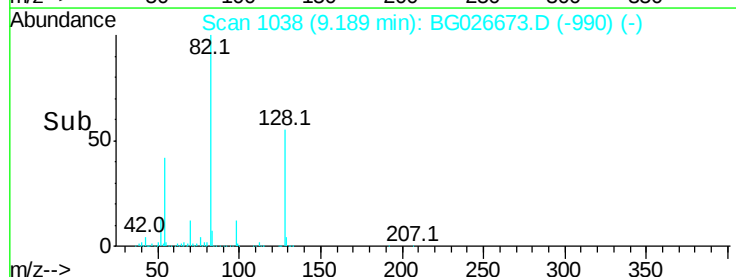
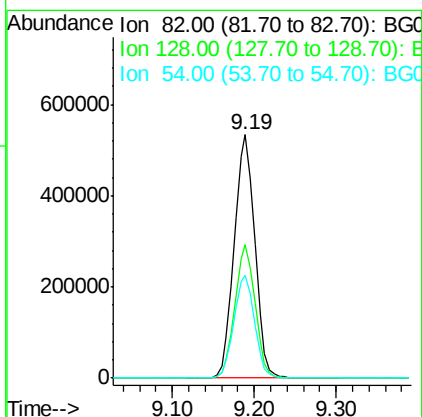
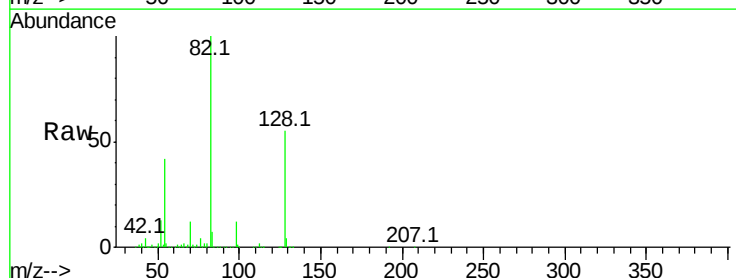
Instrument :
BNA_G
ClientSampled :

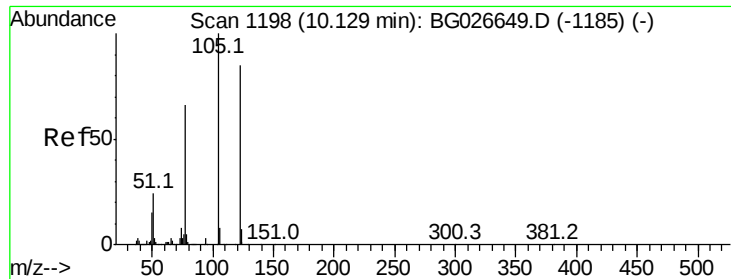
Tot Ion:136	Resp:	658089
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.9 13.3
54	6.3	9.3 13.9#
68	5.5	5.1 7.7



#23
Nitrobenzene-d5
Concen: 99.77 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BG026673.D
Acq: 20 Apr 2017 2:49

Tgt Ion: 82	Resp:	940925
Ion Ratio	Lower	Upper
82	100	
128	54.8	26.4 39.6#
54	42.2	49.4 74.2#





#32

Benzoic acid

Concen: 9.03 ng

RT: 10.22 min Scan# 1213

Delta R.T. 0.07 min

Lab File: BG026673.D

Acq: 20 Apr 2017 2:49

Instrument :

BNA_G

ClientSampleId :

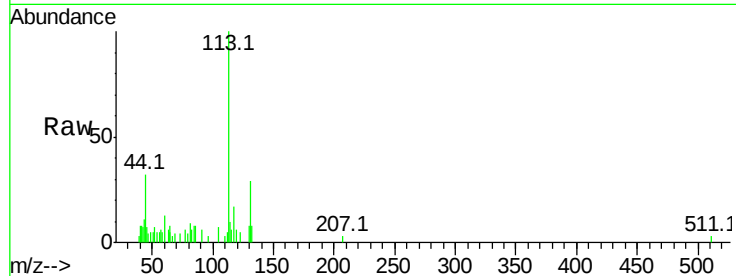
Tot Ion:122 Resp: 155

Ion Ratio Lower Upper

122 100

105 151.5 120.1 160.1

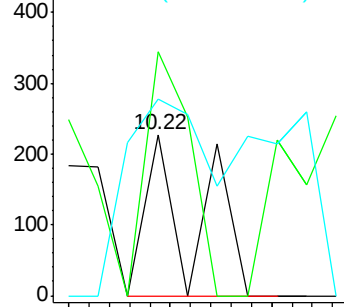
77 122.0 104.6 144.6



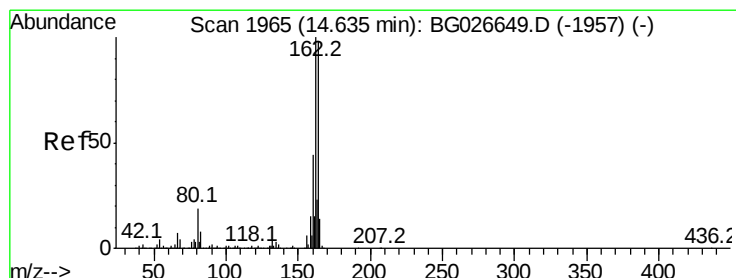
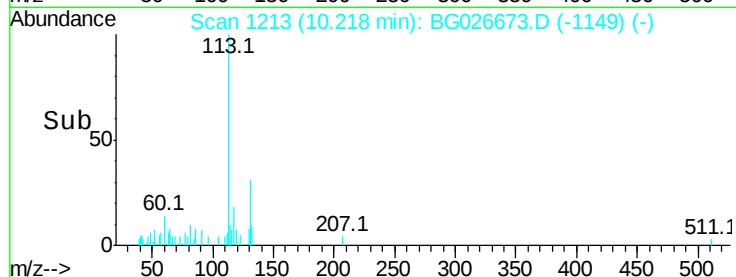
Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.64 min Scan# 1965

Delta R.T. -0.02 min

Lab File: BG026673.D

Acq: 20 Apr 2017 2:49

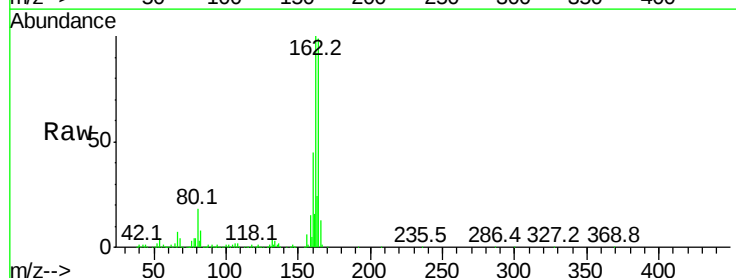
Tgt Ion:164 Resp: 400606

Ion Ratio Lower Upper

164 100

162 101.0 85.1 127.7

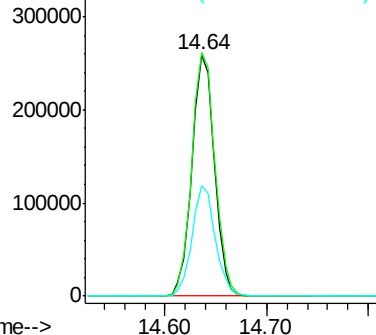
160 45.9 34.7 52.1



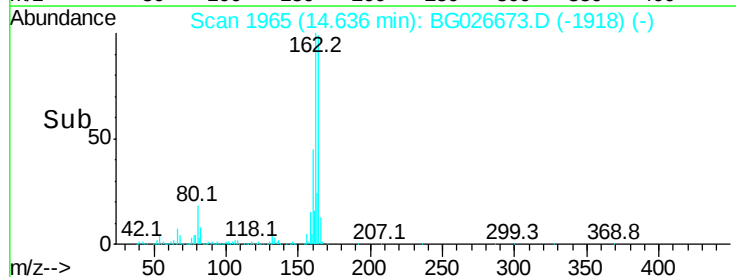
Abundance Ion 164.00 (163.70 to 164.70): E

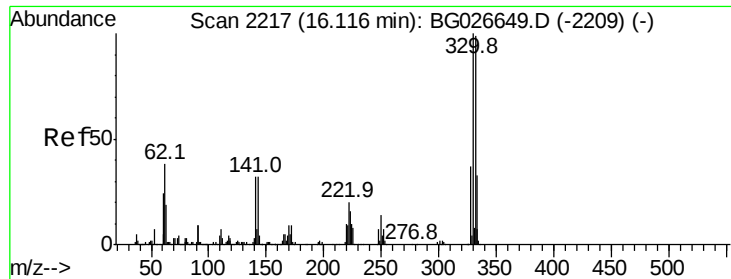
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->

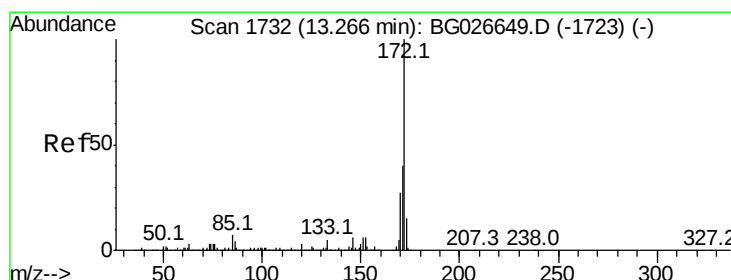
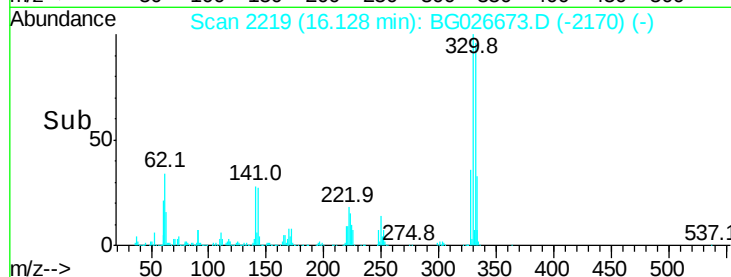
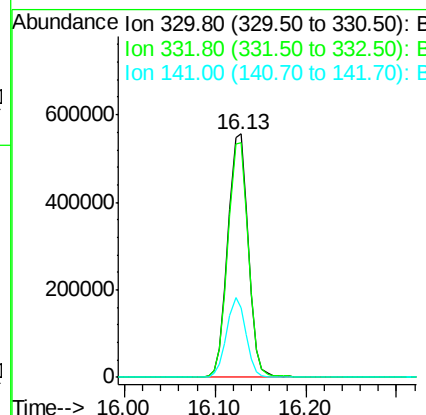
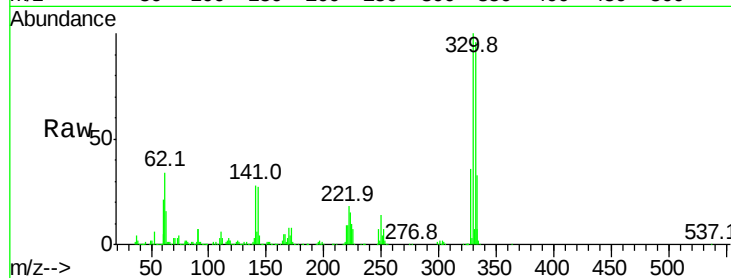




#41
 2,4,6-Tribromophenol
 Concen: 155.65 ng
 RT: 16.13 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG026673.D
 Acq: 20 Apr 2017 2:49

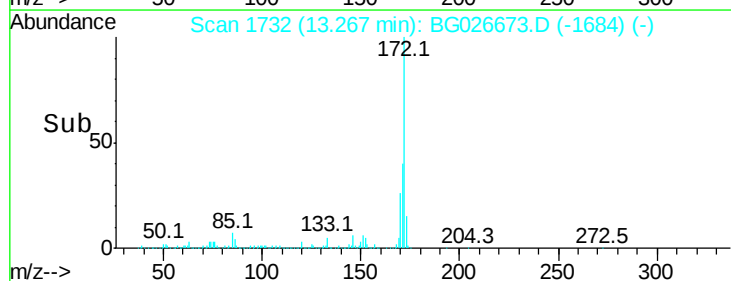
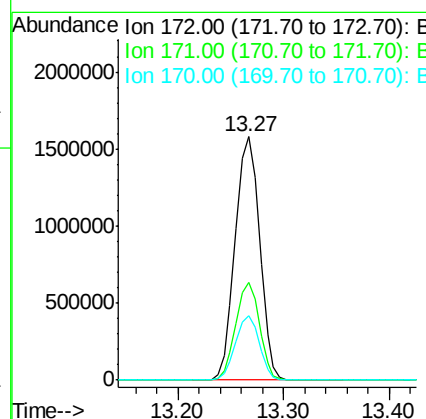
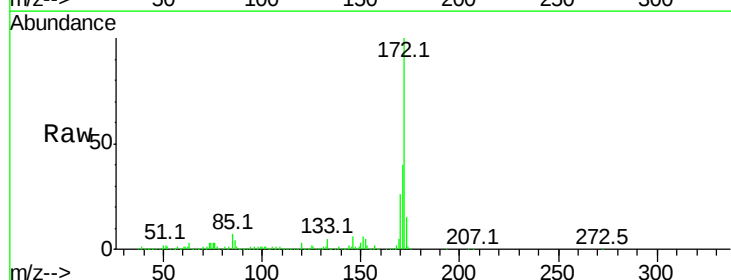
Instrument :
 BNA_G
 ClientSampleId :

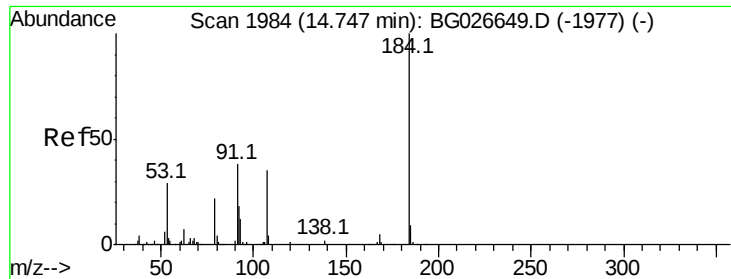
Tot Ion:330 Resp: 868847
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.3 115.9
 141 30.9 32.1 48.1#



#44
 2-Fluorobiphenyl
 Concen: 94.15 ng
 RT: 13.27 min Scan# 1732
 Delta R.T. -0.02 min
 Lab File: BG026673.D
 Acq: 20 Apr 2017 2:49

Tgt Ion:172 Resp: 2532567
 Ion Ratio Lower Upper
 172 100
 171 40.3 32.2 48.2
 170 26.4 21.8 32.6

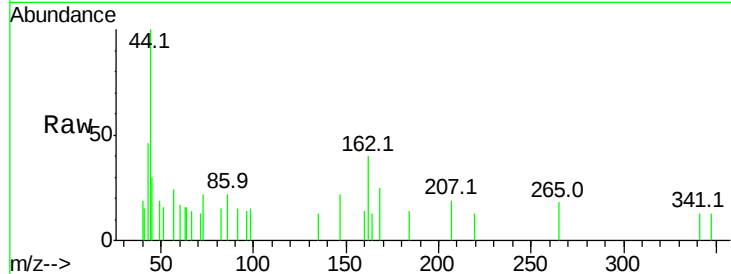




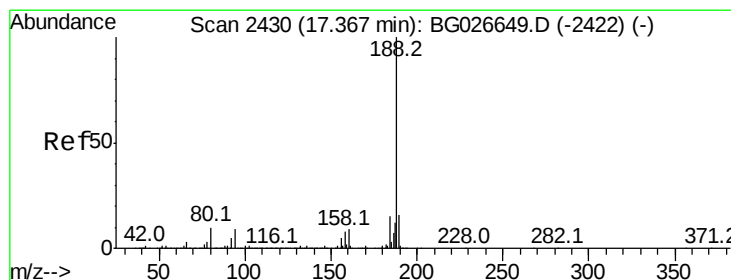
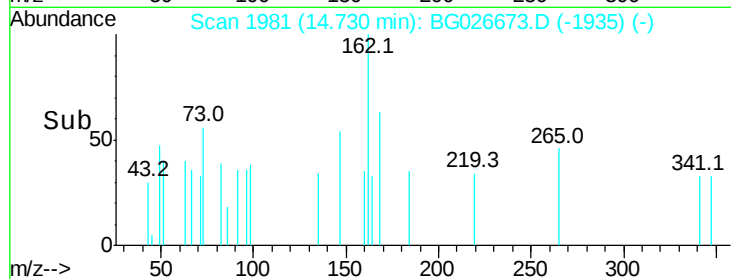
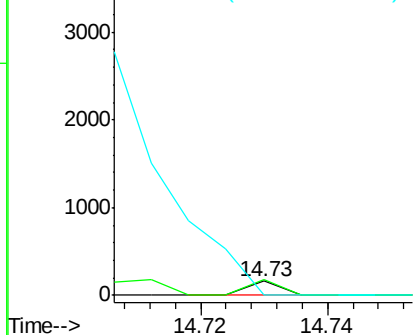
#53
 2,4-Dinitrophenol
 Concen: 8.76 ng
 RT: 14.73 min Scan# 1981
 Delta R.T. -0.03 min
 Lab File: BG026673.D
 Acq: 20 Apr 2017 2:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:184 Resp: 57
 Ion Ratio Lower Upper
 184 100
 63 116.1 52.7 79.1#
 154 0.0 57.3 85.9#

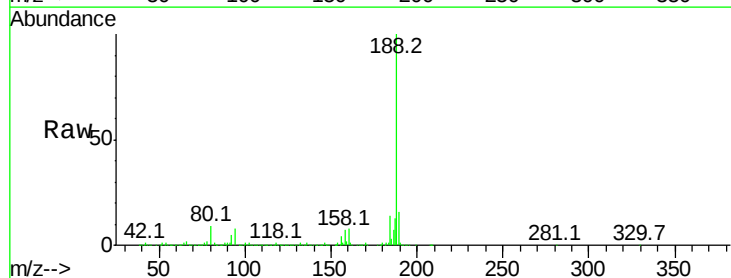


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG026673.D (-1935) (-)
 Ion 154.00 (153.70 to 154.70): E

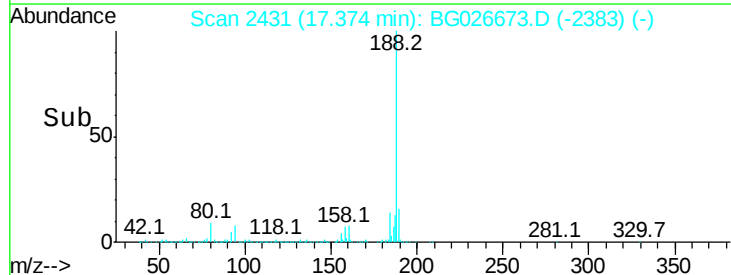
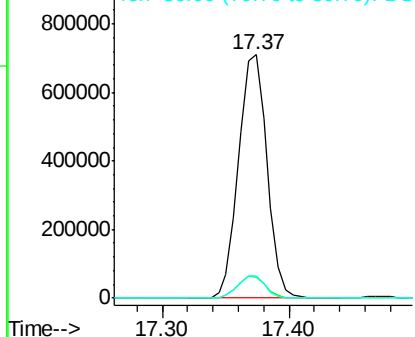


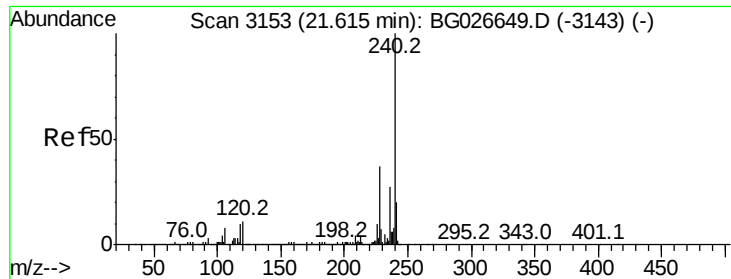
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.37 min Scan# 2431
 Delta R.T. -0.02 min
 Lab File: BG026673.D
 Acq: 20 Apr 2017 2:49

Tgt Ion:188 Resp: 1105598
 Ion Ratio Lower Upper
 188 100
 94 8.4 5.8 8.8
 80 9.2 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG026673.D (-2383) (-)
 Ion 80.00 (79.70 to 80.70): BG026673.D (-2383) (-)





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.62 min Scan# 3153

Delta R.T. -0.02 min

Lab File: BG026673.D

Acq: 20 Apr 2017 2:49

Instrument :

BNA_G

ClientSampleId :

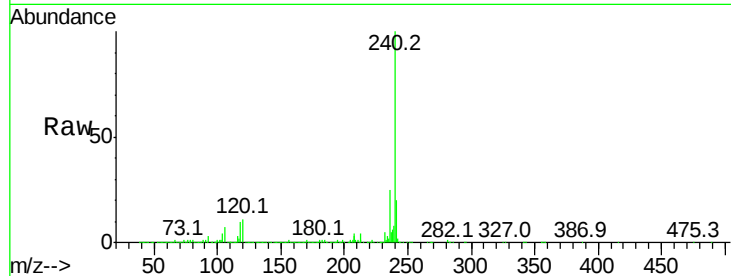
Tot Ion:240 Resp: 1218691

Ion Ratio Lower Upper

240 100

120 11.1 5.7 8.5#

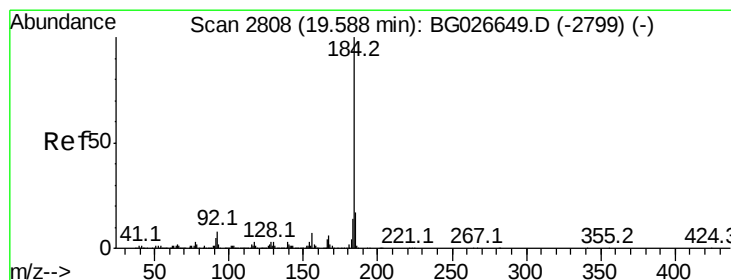
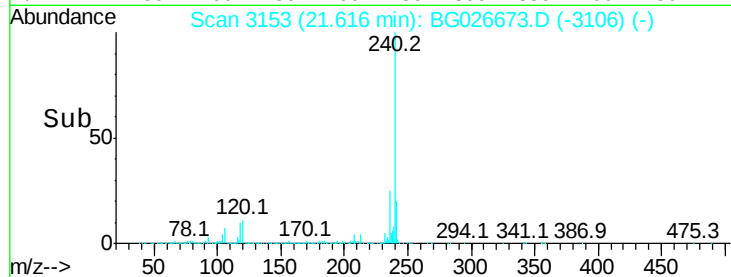
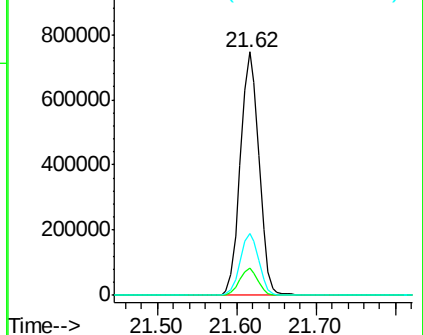
236 25.5 22.2 33.4



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: 19.61 min Scan# 2811

Delta R.T. 0.00 min

Lab File: BG026673.D

Acq: 20 Apr 2017 2:49

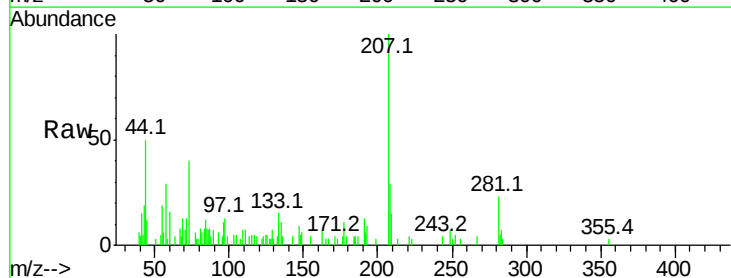
Tgt Ion:184 Resp: 212

Ion Ratio Lower Upper

184 100

185 63.4 13.0 19.6#

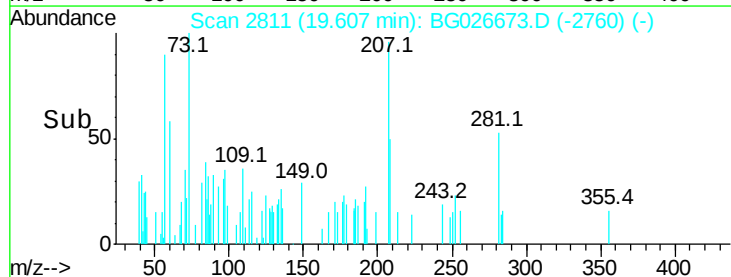
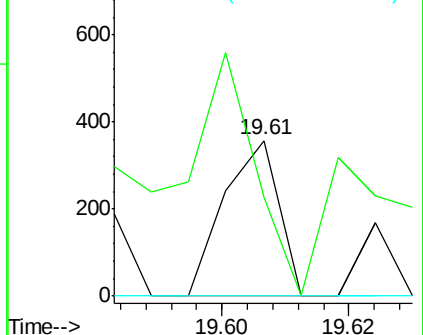
183 51.7 11.0 16.6#

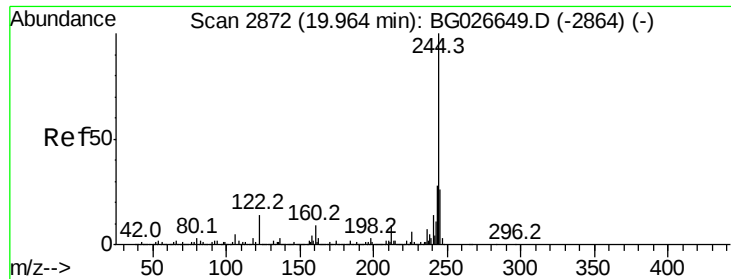


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 89.72 ng

RT: 19.97 min Scan# 2873

Delta R.T. -0.02 min

Lab File: BG026673.D

Acq: 20 Apr 2017 2:49

Instrument :

BNA_G

ClientSampleId :

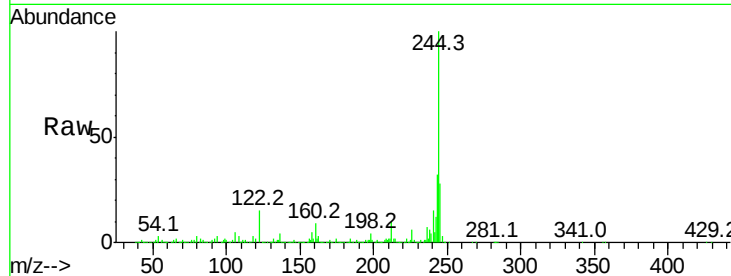
Tot Ion:244 Resp: 3703503

Ion	Ratio	Lower	Upper
244	100		
212	10.2	10.0	15.0
122	15.1	8.6	12.8

244 100

212 10.2 10.0 15.0

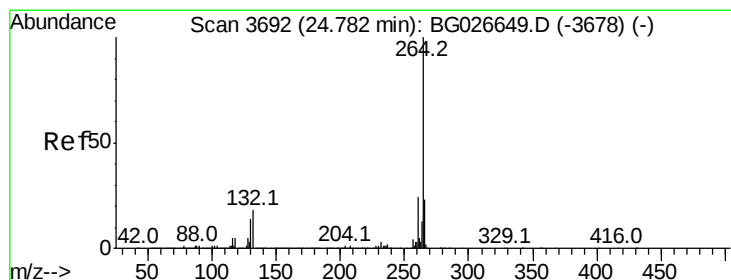
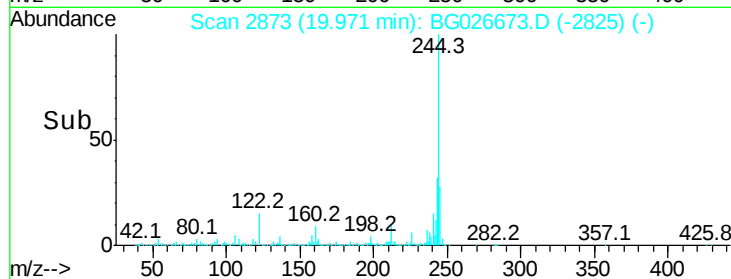
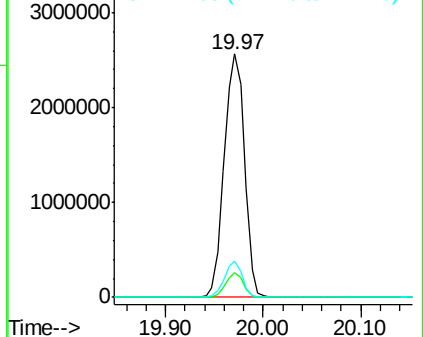
122 15.1 8.6 12.8#



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: 20.00 ng

RT: 24.78 min Scan# 3692

Delta R.T. -0.04 min

Lab File: BG026673.D

Acq: 20 Apr 2017 2:49

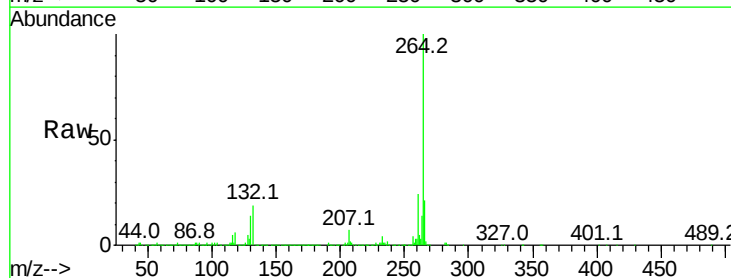
Tgt Ion:264 Resp: 1131119

Ion	Ratio	Lower	Upper
264	100		
260	24.0	21.8	32.8
265	21.1	18.2	27.4

264 100

260 24.0 21.8 32.8

265 21.1 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

