

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050915\
 Data File : BG017001.D
 Acq On : 9 May 2015 22:07
 Operator : TP/IZ
 Sample : G2151-18
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TU021-SB-10-6.5

Quant Time: May 19 07:30:05 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 16:13:58 2015
 Response via : Initial Calibration

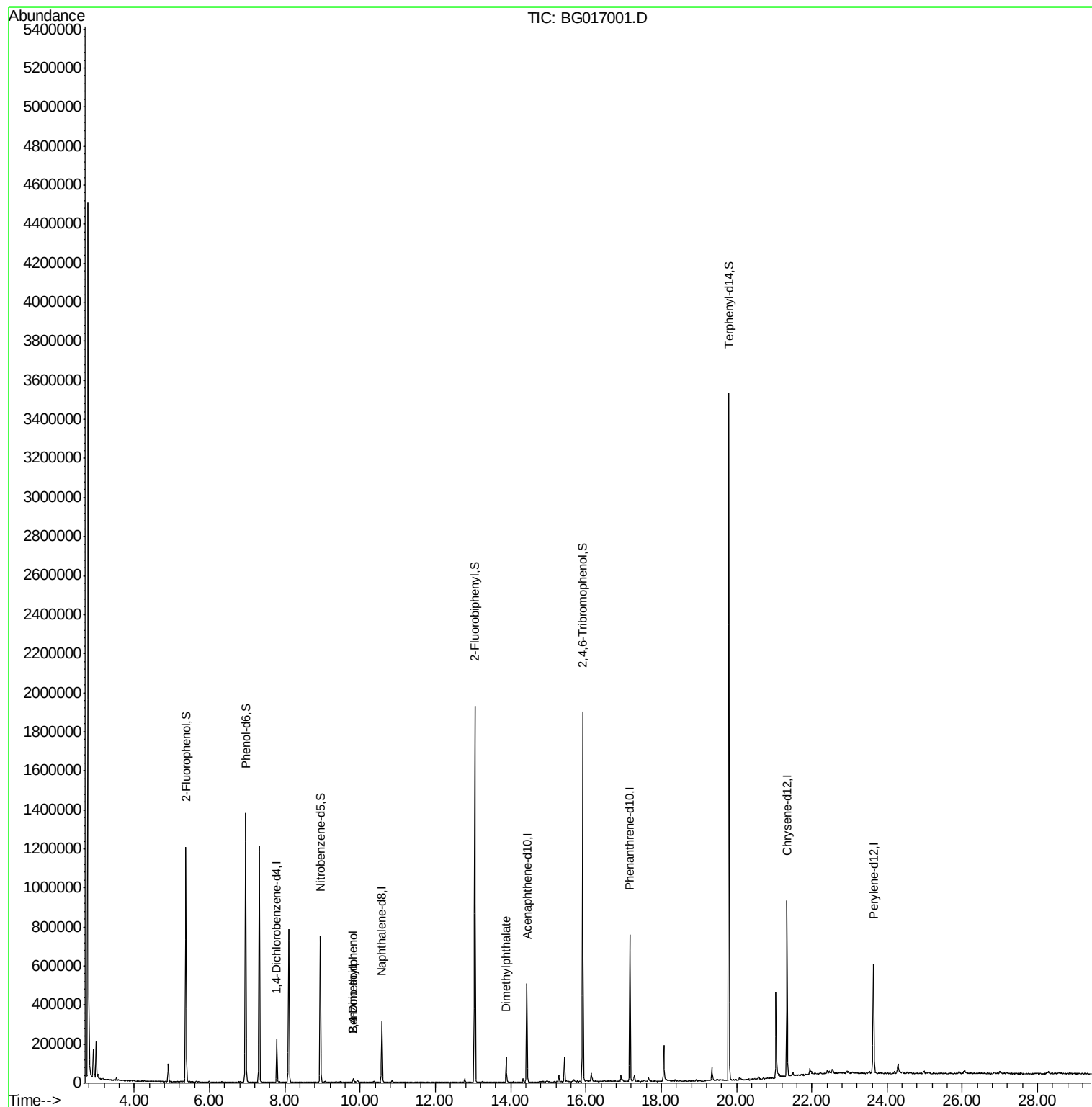
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	51298	20.00	ng	-0.02
21) Naphthalene-d8	10.58	136	231658	20.00	ng	-0.02
38) Acenaphthene-d10	14.43	164	162177	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	381302	20.00	ng	-0.02
75) Chrysene-d12	21.34	240	373221	20.00	ng	-0.02
86) Perylene-d12	23.64	264	365225	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	419220	142.30	ng	-0.01
7) Phenol-d6	6.96	99	631557	150.05	ng	0.00
23) Nitrobenzene-d5	8.95	82	399344	84.21	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	263044	161.56	ng	-0.02
44) 2-Fluorobiphenyl	13.05	172	841799	78.33	ng	-0.02
78) Terphenyl-d14	19.79	244	1357136	85.24	ng	-0.02
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	9.82	122	7122	2.02	ng	# 1
32) Benzoic acid	9.82	122	7122	4.58	ng	# 79
49) Dimethylphthalate	13.88	163	68758	5.68	ng	98

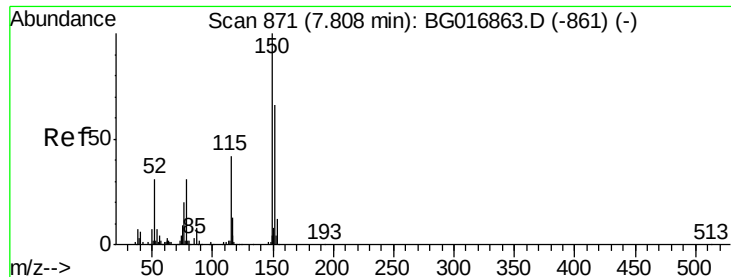
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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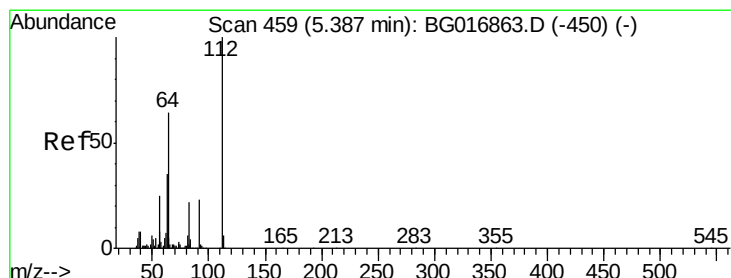
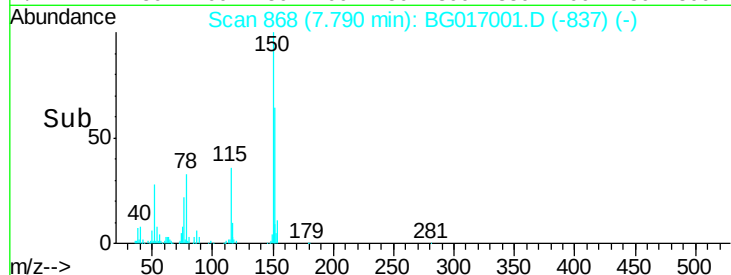
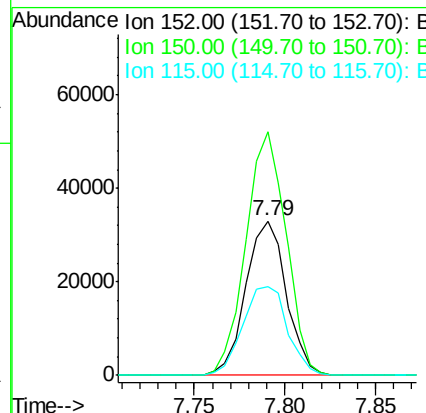
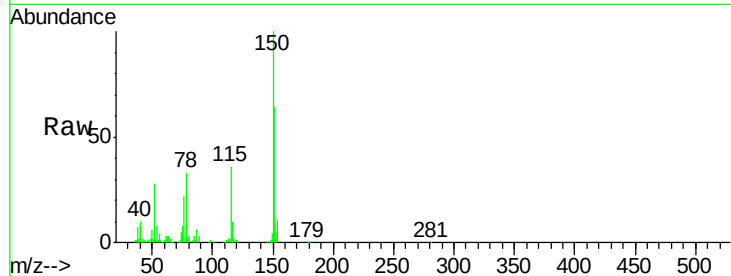


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.79 min Scan# 868
Delta R.T. -0.02 min
Lab File: BG017001.D
Acq: 9 May 2015 22:07

Instrument :
BNA_G
ClientSampleId :
TU021-SB-10-6.5

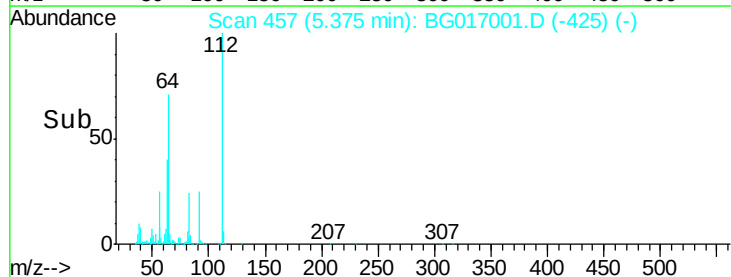
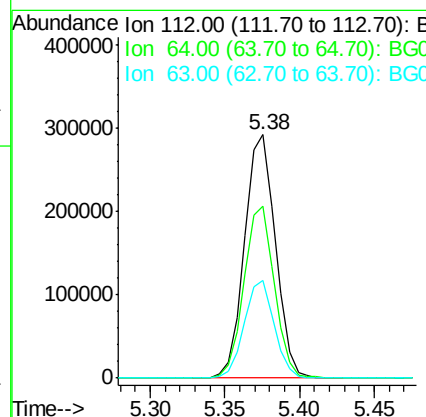
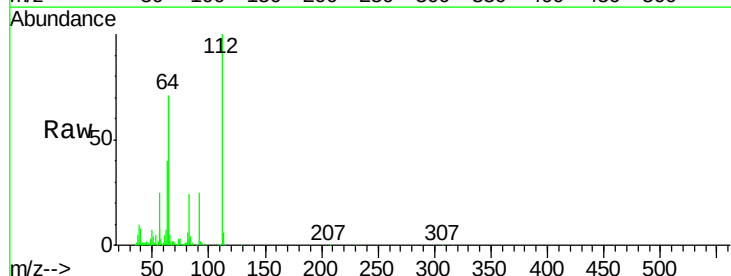
Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.4	121.0	181.4
115	57.0	50.5	75.7

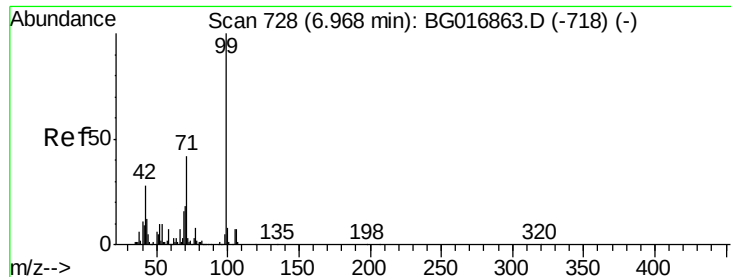


#5

2-Fluorophenol
Concen: 142.30 ng
RT: 5.38 min Scan# 457
Delta R.T. -0.01 min
Lab File: BG017001.D
Acq: 9 May 2015 22:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.7	51.4	77.2
63	40.3	28.1	42.1





#7

Phenol-d6

Concen: 150.05 ng

RT: 6.96 min Scan# 727

Delta R.T. -0.01 min

Lab File: BG017001.D

Acq: 9 May 2015 22:07

Instrument :

BNA_G

ClientSampleId :

TU021-SB-10-6.5

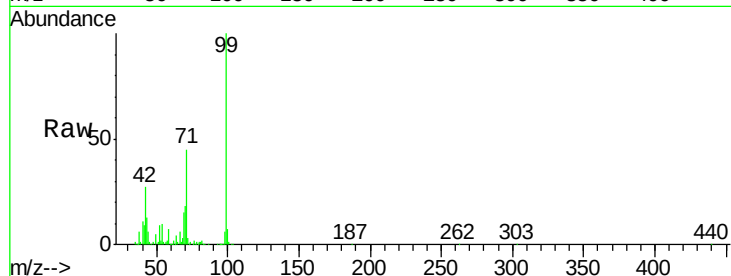
Tgt Ion: 99 Resp: 631557

Ion Ratio Lower Upper

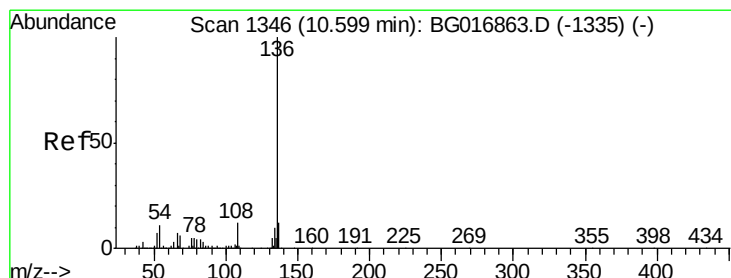
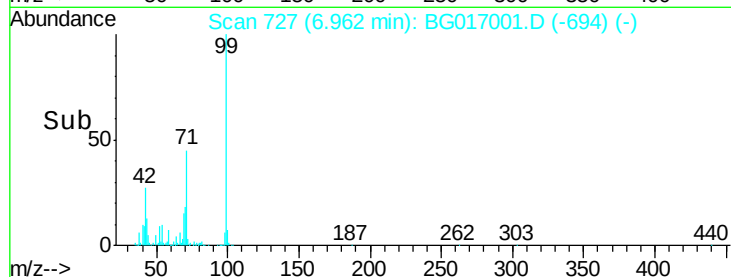
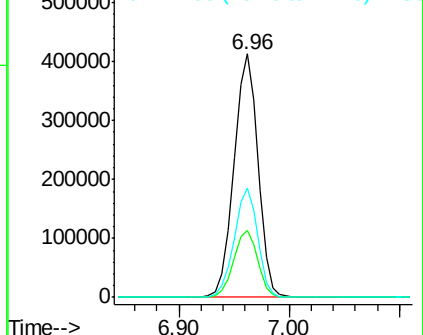
99 100

42 27.4 22.1 33.1

71 45.1 33.4 50.0



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: 10.58 min Scan# 1343

Delta R.T. -0.02 min

Lab File: BG017001.D

Acq: 9 May 2015 22:07

Tgt Ion: 136 Resp: 231658

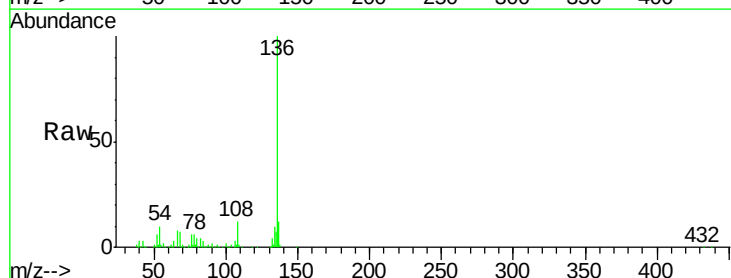
Ion Ratio Lower Upper

136 100

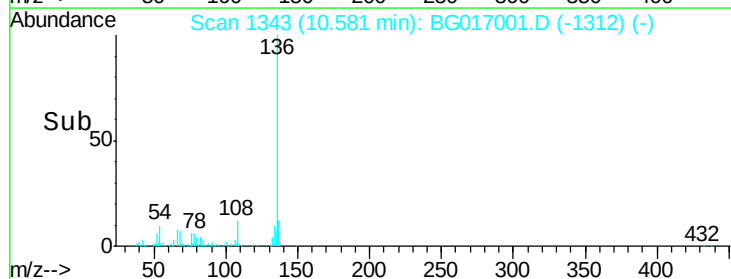
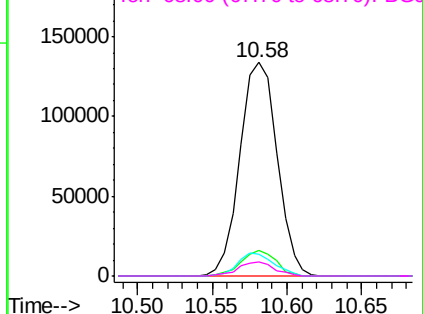
137 12.0 9.8 14.8

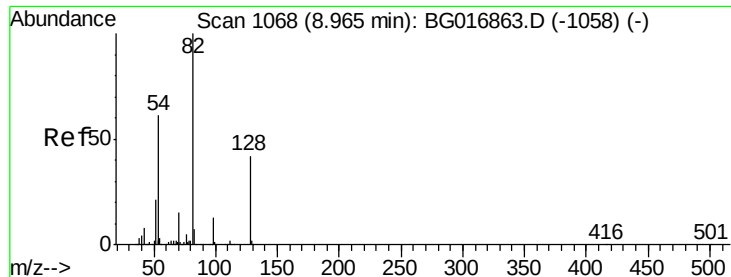
54 10.2 8.7 13.1

68 6.7 5.0 7.4



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

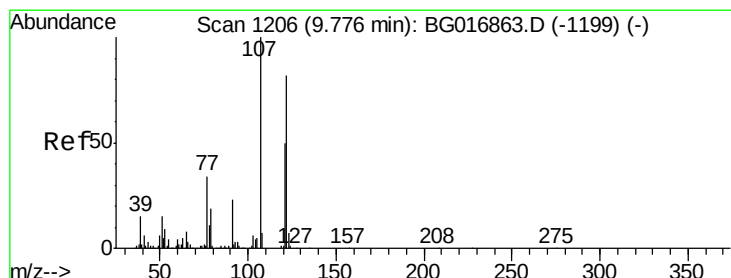
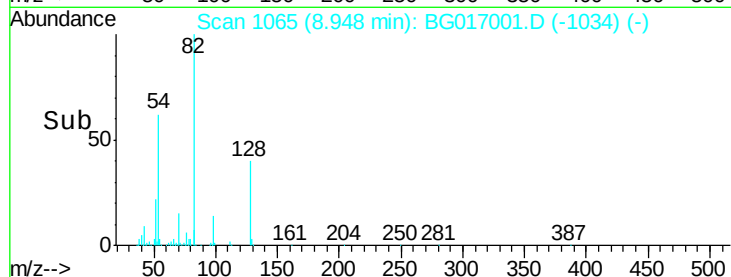
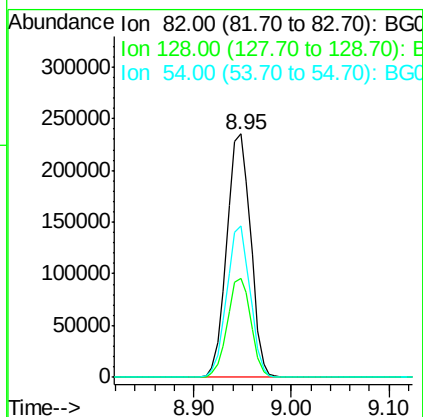
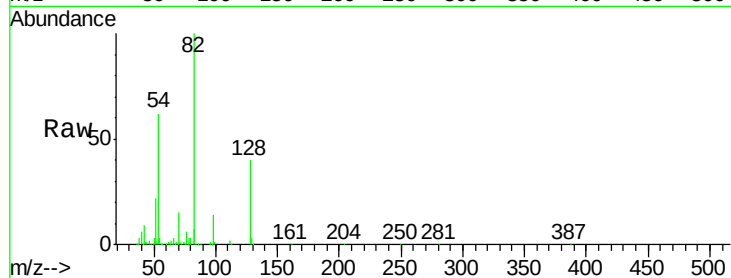




#23
Nitrobenzene-d5
Concen: 84.21 ng
RT: 8.95 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG017001.D
Acq: 9 May 2015 22:07

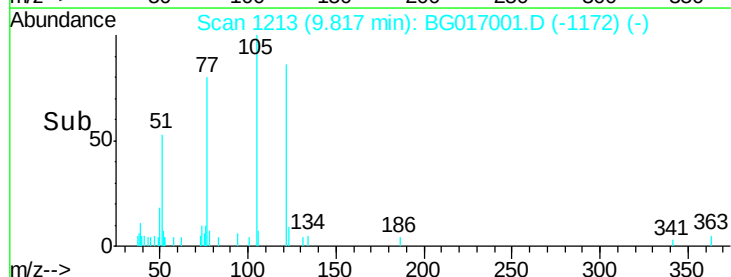
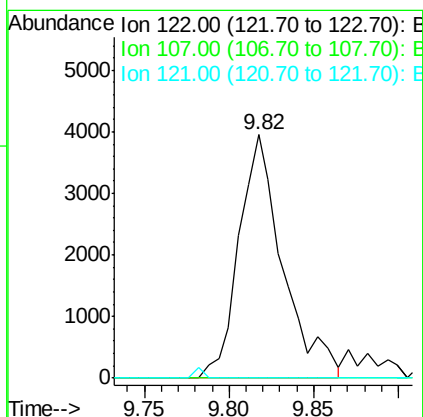
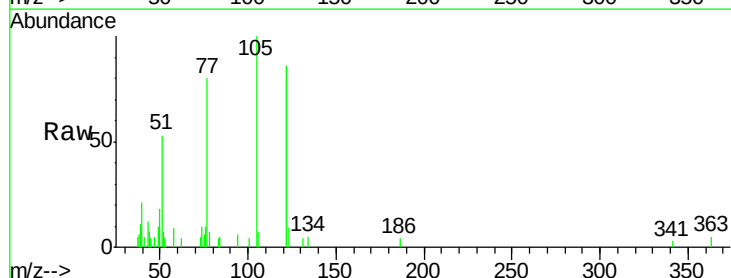
Instrument :
BNA_G
ClientSampleId :
TU021-SB-10-6.5

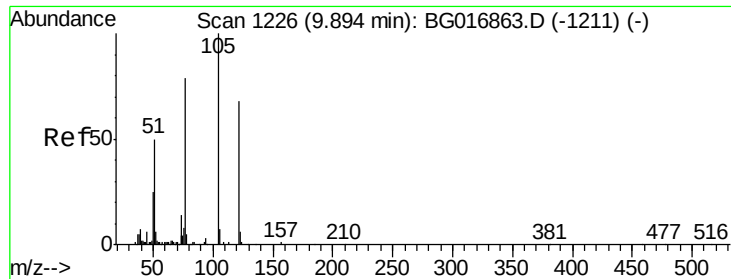
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.5	33.2	49.8
54	62.4	48.6	72.8



#27
2,4-Dimethylphenol
Concen: 2.02 ng
RT: 9.82 min Scan# 1213
Delta R.T. 0.04 min
Lab File: BG017001.D
Acq: 9 May 2015 22:07

Tgt Ion	Ratio	Lower	Upper
122	100		
107	0.0	97.6	146.4#
121	0.0	48.4	72.6#

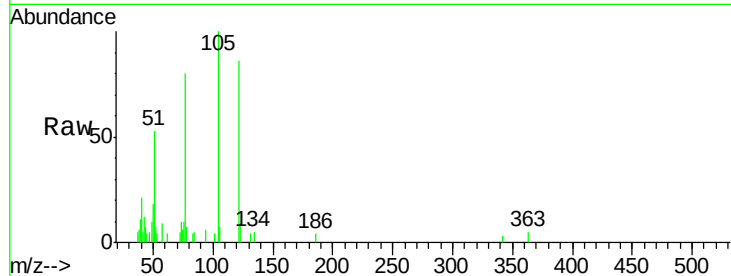




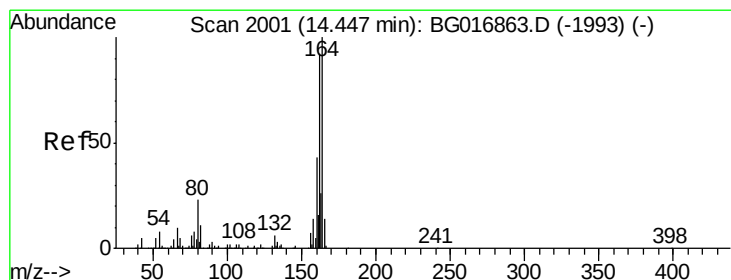
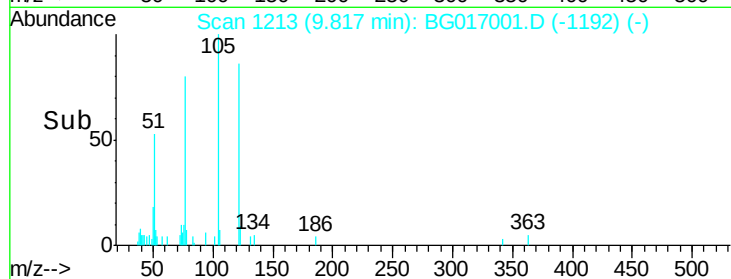
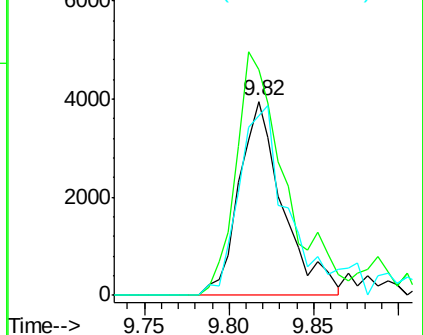
#32
Benzoic acid
Concen: 4.58 ng
RT: 9.82 min Scan# 1213
Delta R.T. -0.08 min
Lab File: BG017001.D
Acq: 9 May 2015 22:07

Instrument :
BNA_G
ClientSampleId :
TU021-SB-10-6.5

Tgt Ion:122 Resp: 7122
Ion Ratio Lower Upper
122 100
105 116.4 123.2 163.2#
77 92.6 93.0 133.0#

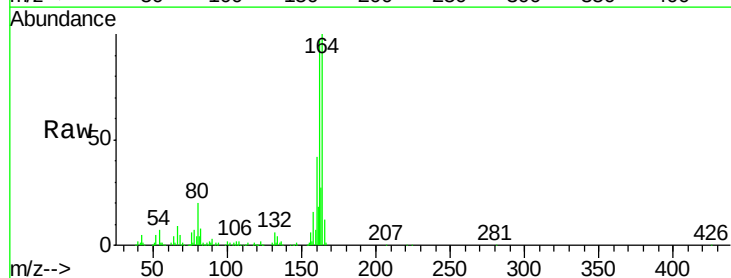


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): B

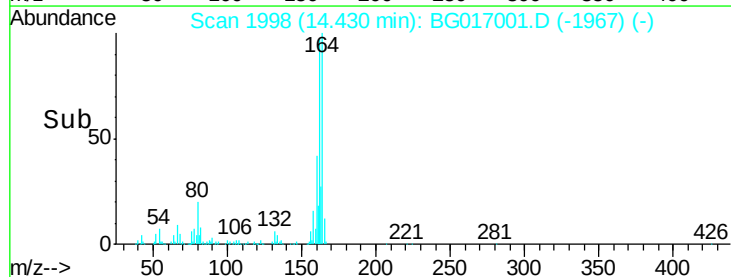
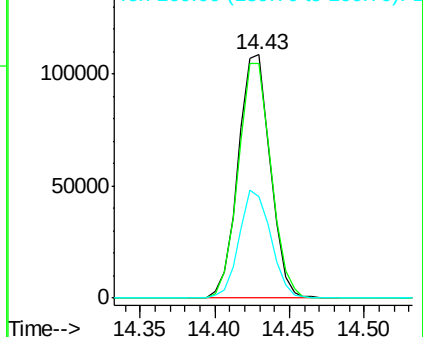


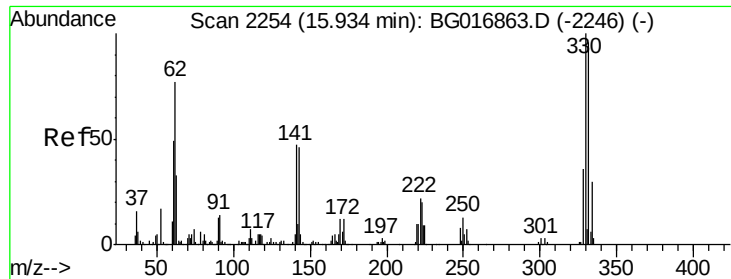
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.43 min Scan# 1998
Delta R.T. -0.02 min
Lab File: BG017001.D
Acq: 9 May 2015 22:07

Tgt Ion:164 Resp: 162177
Ion Ratio Lower Upper
164 100
162 96.6 74.0 111.0
160 41.5 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

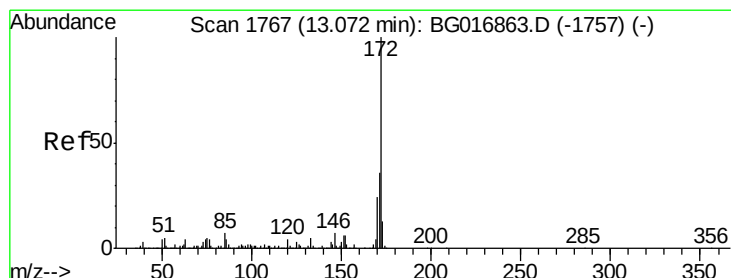
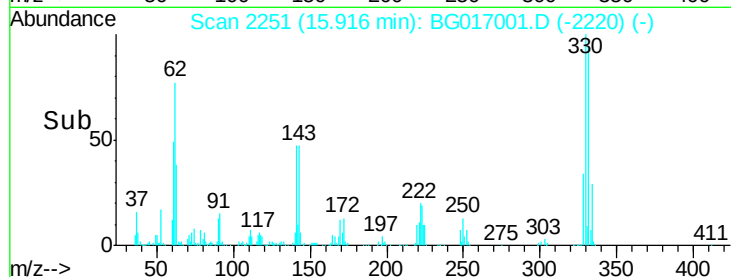
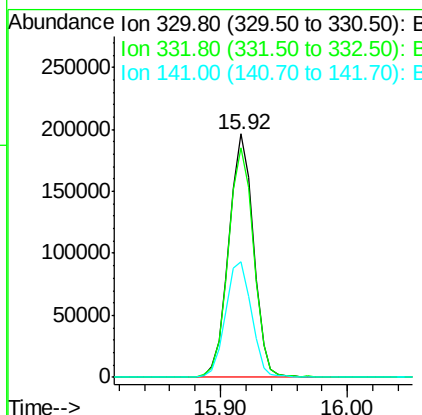
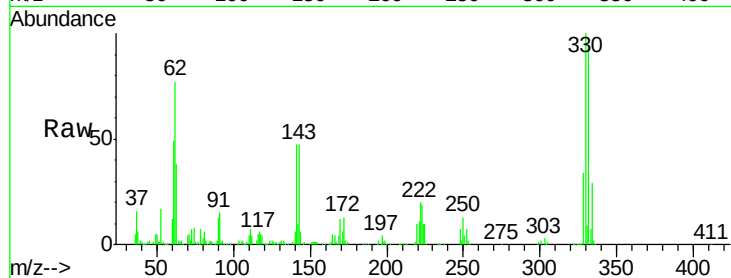




#41
 2,4,6-Tribromophenol
 Concen: 161.56 ng
 RT: 15.92 min Scan# 2251
 Delta R.T. -0.02 min
 Lab File: BG017001.D
 Acq: 9 May 2015 22:07

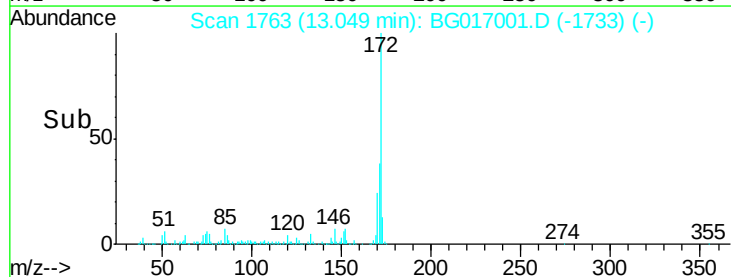
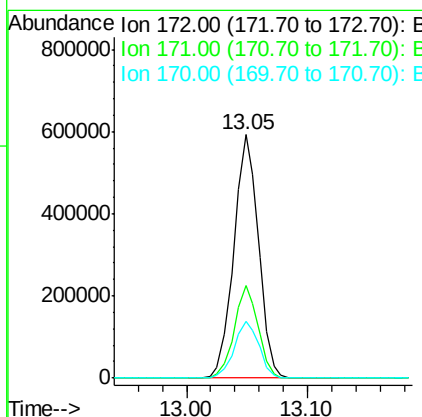
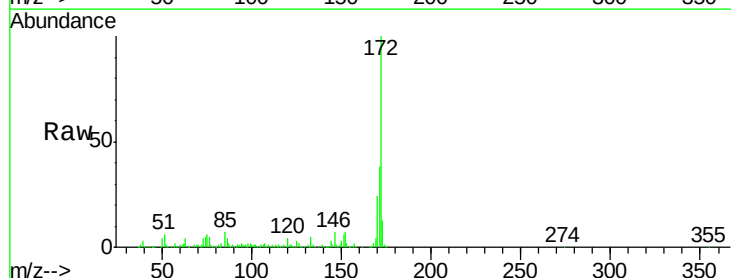
Instrument :
 BNA_G
 ClientSampleId :
 TU021-SB-10-6.5

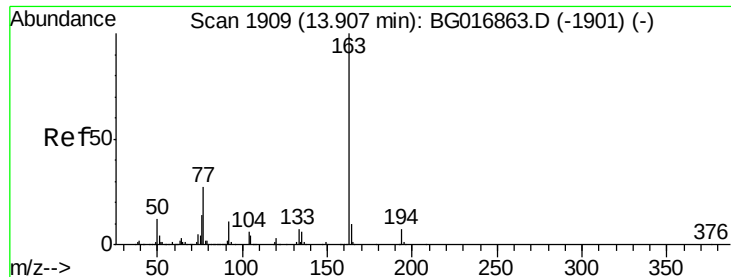
Tgt Ion:330 Resp: 263044
 Ion Ratio Lower Upper
 330 100
 332 97.3 0.0 0.0#
 141 49.9 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 78.33 ng
 RT: 13.05 min Scan# 1763
 Delta R.T. -0.02 min
 Lab File: BG017001.D
 Acq: 9 May 2015 22:07

Tgt Ion:172 Resp: 841799
 Ion Ratio Lower Upper
 172 100
 171 37.8 29.0 43.4
 170 23.5 19.0 28.4





#49

Dimethylphthalate

Concen: 5.68 ng

RT: 13.88 min Scan# 1905

Delta R.T. -0.02 min

Lab File: BG017001.D

Acq: 9 May 2015 22:07

Instrument :

BNA_G

ClientSampleId :

TU021-SB-10-6.5

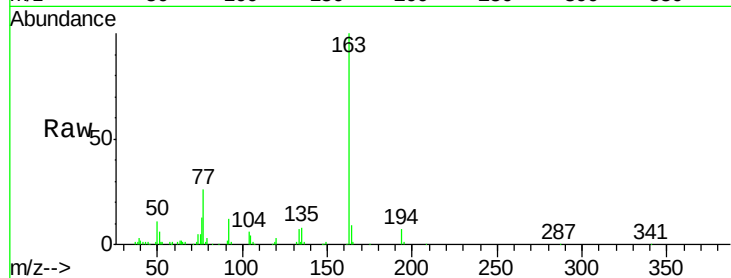
Tgt Ion:163 Resp: 68758

Ion Ratio Lower Upper

163 100

194 7.0 5.2 7.8

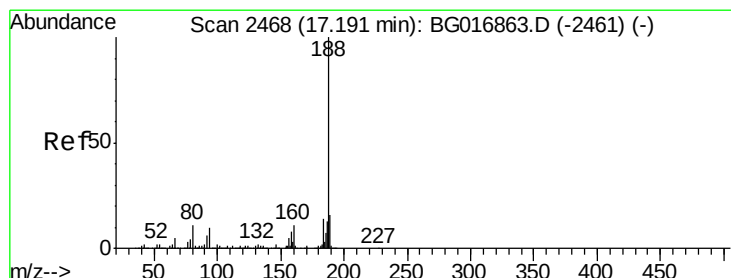
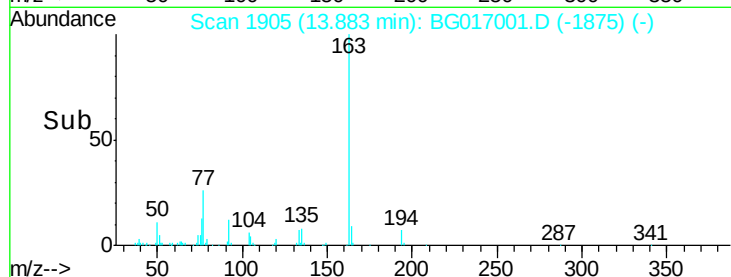
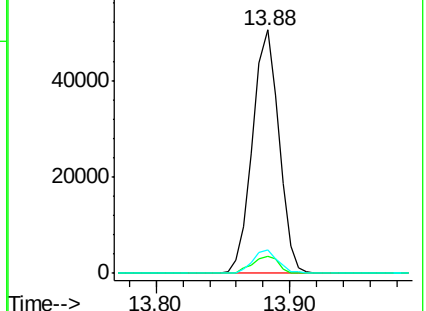
164 9.4 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.17 min Scan# 2464

Delta R.T. -0.02 min

Lab File: BG017001.D

Acq: 9 May 2015 22:07

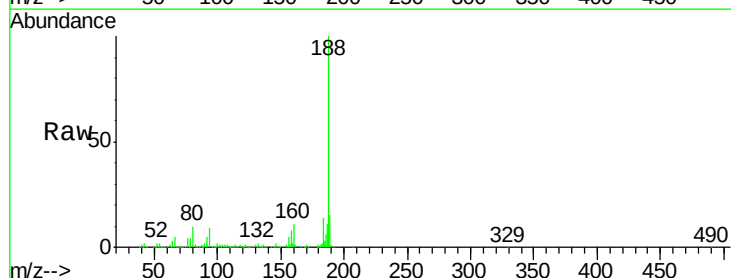
Tgt Ion:188 Resp: 381302

Ion Ratio Lower Upper

188 100

94 9.1 8.2 12.4

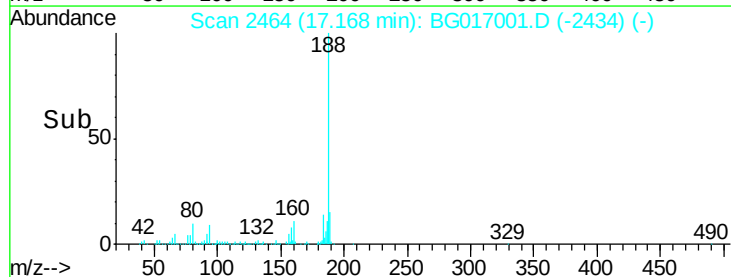
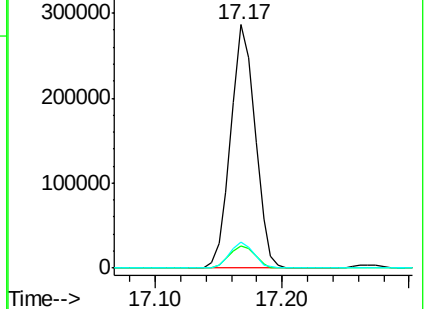
80 10.4 8.8 13.2

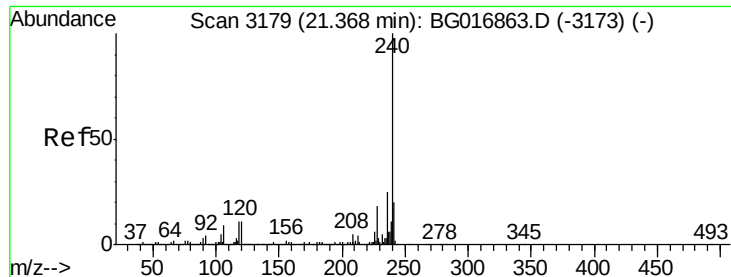


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.34 min Scan# 3175

Delta R.T. -0.02 min

Lab File: BG017001.D

Acq: 9 May 2015 22:07

Instrument :

BNA_G

ClientSampleId :

TU021-SB-10-6.5

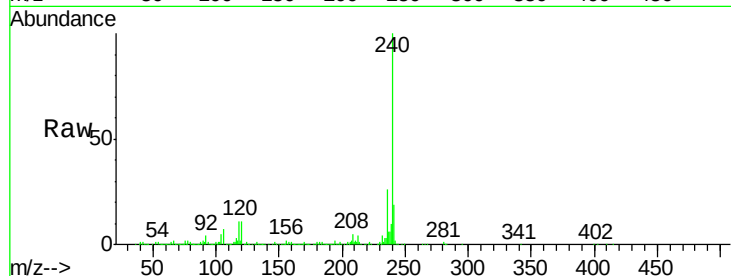
Tgt Ion:240 Resp: 373221

Ion Ratio Lower Upper

240 100

120 10.5 9.1 13.7

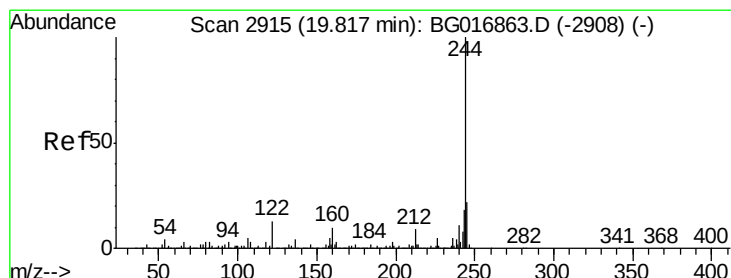
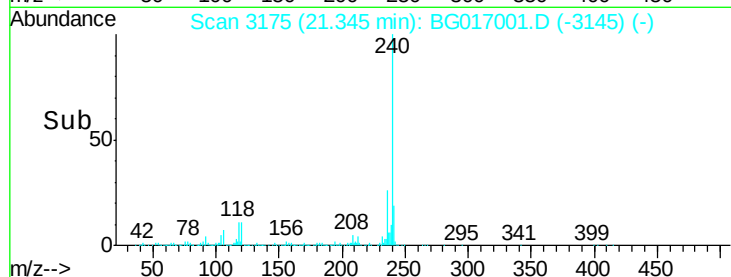
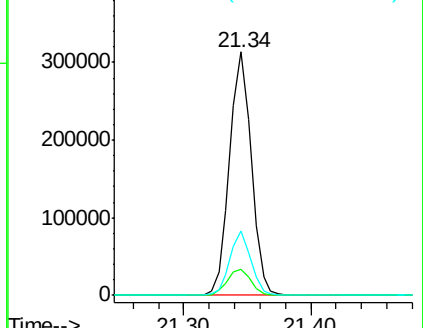
236 26.2 20.2 30.4



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



#78

Terphenyl-d14

Concen: 85.24 ng

RT: 19.79 min Scan# 2911

Delta R.T. -0.02 min

Lab File: BG017001.D

Acq: 9 May 2015 22:07

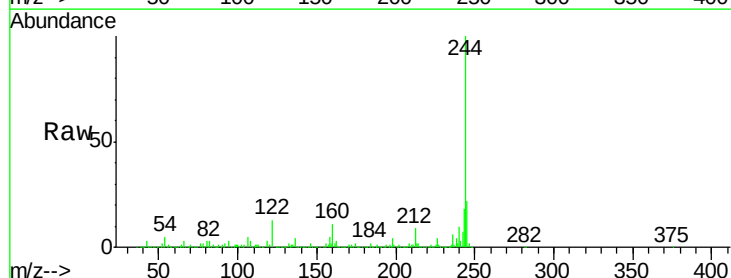
Tgt Ion:244 Resp: 1357136

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

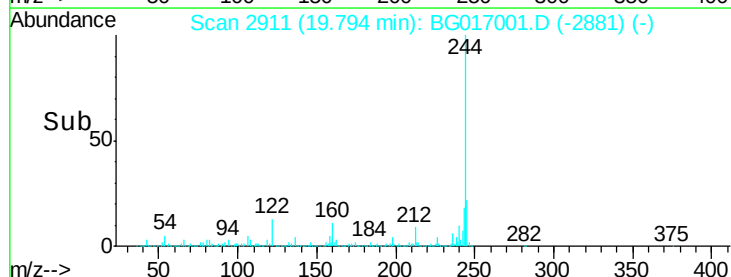
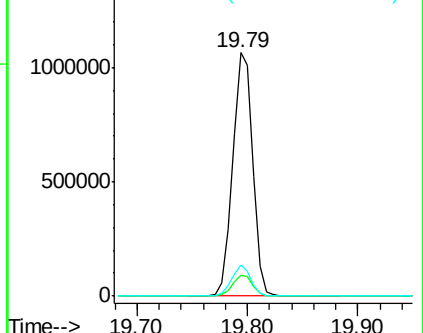
122 12.9 10.4 15.6

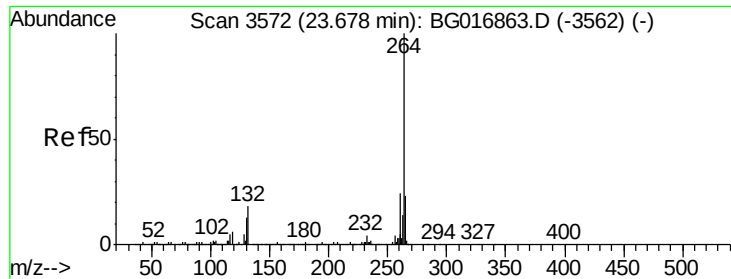


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.64 min Scan# 3566
Delta R.T. -0.04 min
Lab File: BG017001.D
Acq: 9 May 2015 22:07

Instrument :
BNA_G
ClientSampleId :
TU021-SB-10-6.5

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	22.2	18.5	27.7

