

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
 Data File : BG016997.D
 Acq On : 9 May 2015 19:48
 Operator : TP/IZ
 Sample : G2183-04
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-2

Quant Time: May 11 01:23:42 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

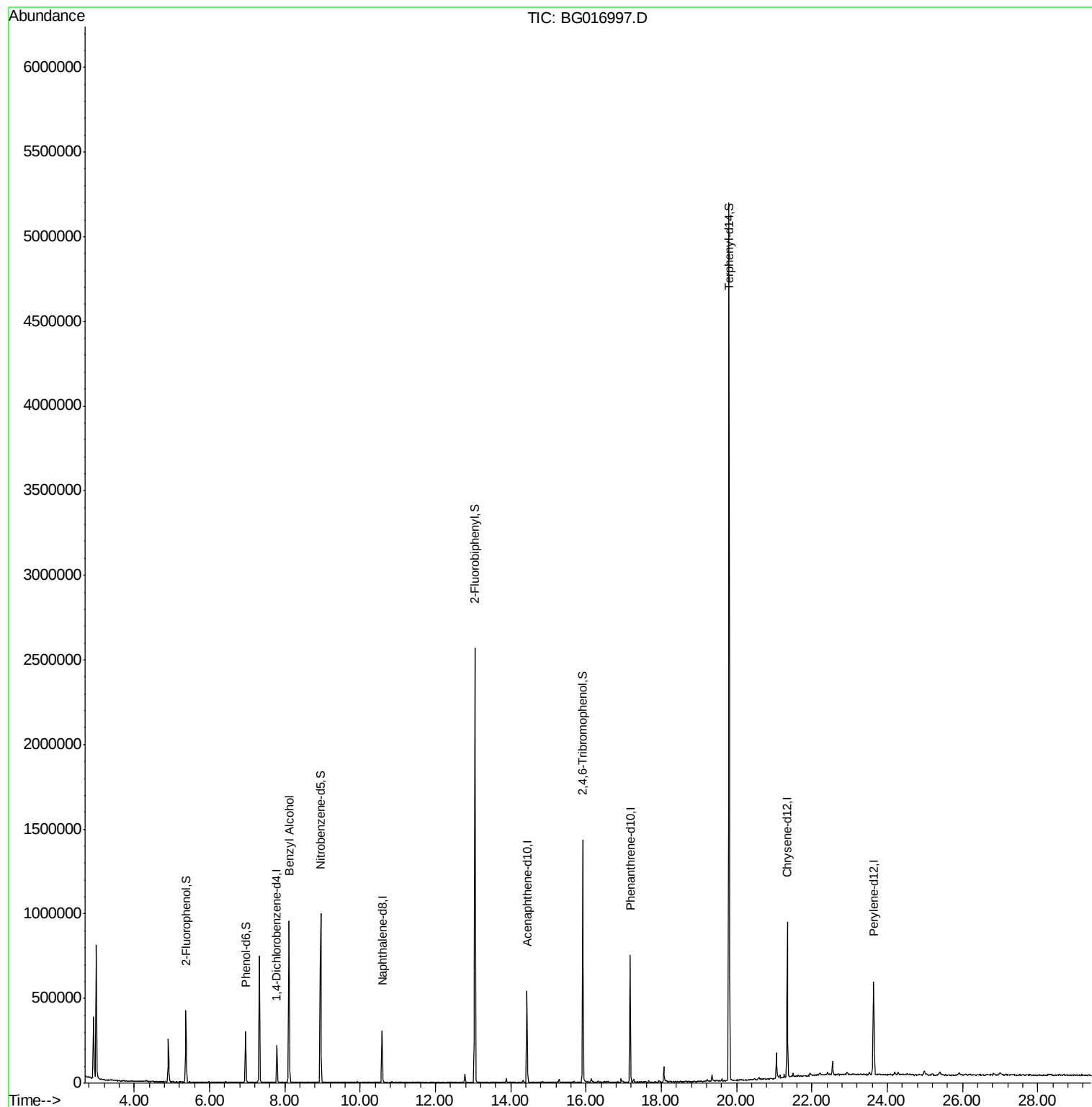
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	49643	20.00	ng	-0.02
21) Naphthalene-d8	10.58	136	237163	20.00	ng	-0.02
38) Acenaphthene-d10	14.43	164	163712	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	397015	20.00	ng	-0.02
75) Chrysene-d12	21.35	240	388931	20.00	ng	-0.02
86) Perylene-d12	23.64	264	374872	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	147965	51.90	ng	-0.02
7) Phenol-d6	6.96	99	135943	33.38	ng	0.00
23) Nitrobenzene-d5	8.95	82	530533	109.28	ng	-0.02
41) 2,4,6-Tribromophenol	15.91	330	198068	120.52	ng	-0.02
44) 2-Fluorobiphenyl	13.05	172	1096415	101.06	ng	-0.02
78) Terphenyl-d14	19.80	244	1962150	118.27	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	8.11	79	8268	2.22	ng	# 54
32) Benzoic acid	9.83	122	73	Below Cal		# 71

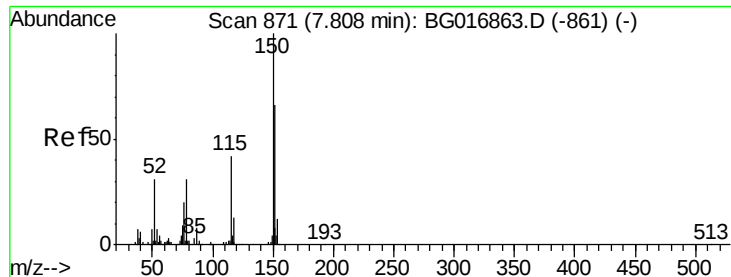
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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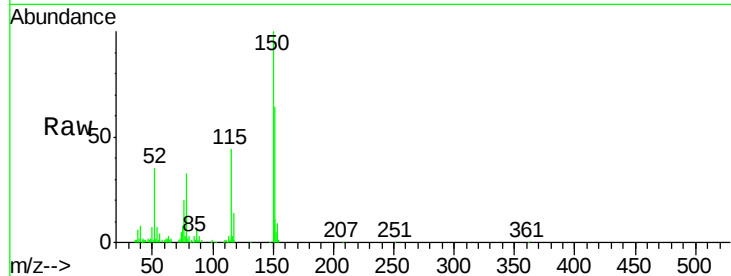


#1

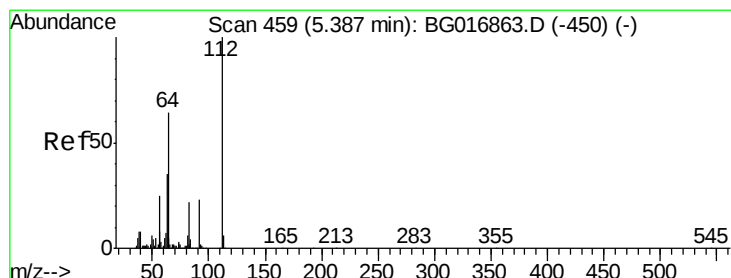
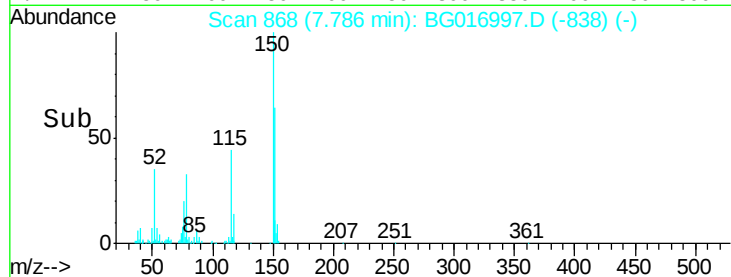
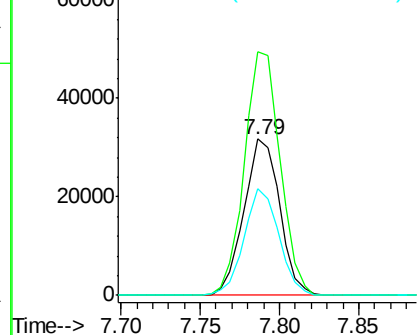
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.79 min Scan# 868
Delta R.T. -0.02 min
Lab File: BG016997.D
Acq: 9 May 2015 19:48

Instrument :
BNA_G
ClientSampleId :
SB-2

Tgt Ion:152 Resp: 49643
Ion Ratio Lower Upper
152 100
150 156.0 121.0 181.4
115 68.7 50.5 75.7



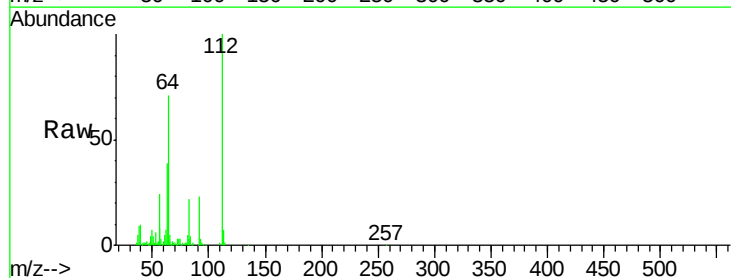
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



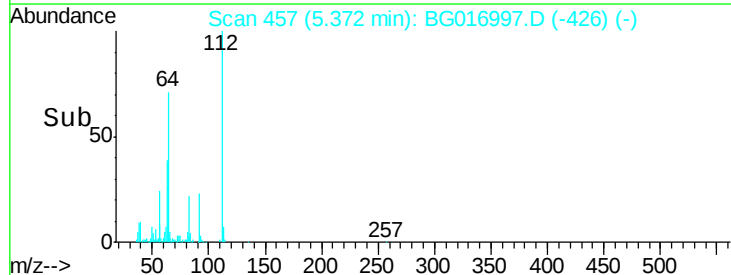
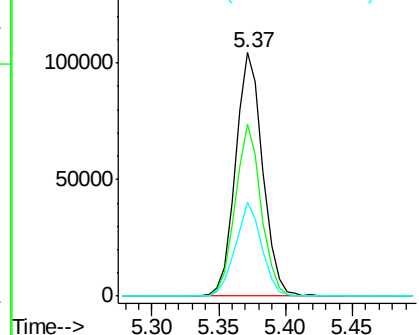
#5

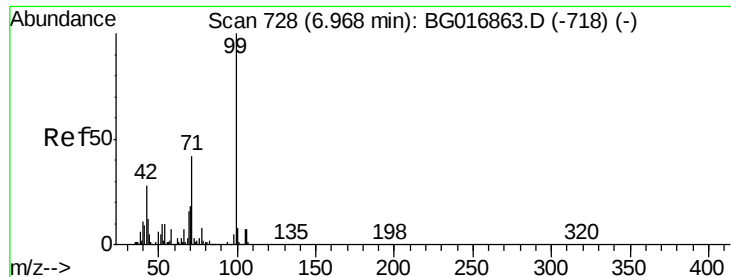
2-Fluorophenol
Concen: 51.90 ng
RT: 5.37 min Scan# 457
Delta R.T. -0.02 min
Lab File: BG016997.D
Acq: 9 May 2015 19:48

Tgt Ion:112 Resp: 147965
Ion Ratio Lower Upper
112 100
64 70.5 51.4 77.2
63 38.7 28.1 42.1



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: 33.38 ng

RT: 6.96 min Scan# 727

Delta R.T. -0.01 min

Lab File: BG016997.D

Acq: 9 May 2015 19:48

Instrument :

BNA_G

ClientSampleId :

SB-2

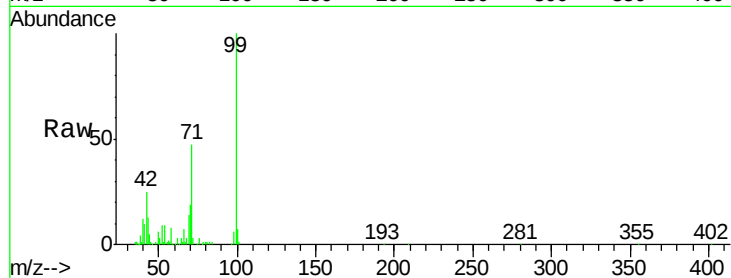
Tgt Ion: 99 Resp: 135943

Ion Ratio Lower Upper

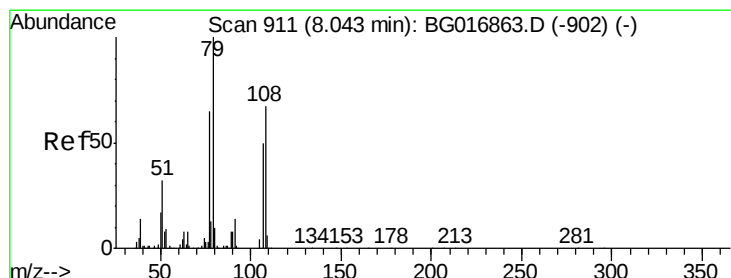
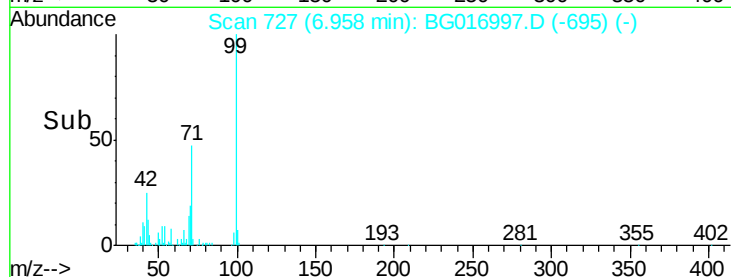
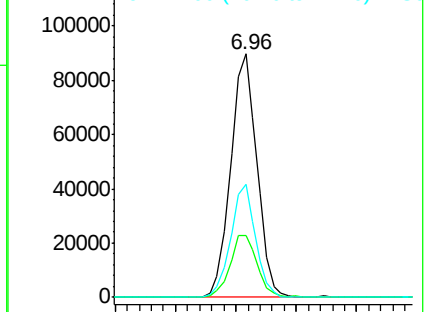
99 100

42 25.3 22.1 33.1

71 46.7 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



#15

Benzyl Alcohol

Concen: 2.22 ng

RT: 8.11 min Scan# 923

Delta R.T. 0.07 min

Lab File: BG016997.D

Acq: 9 May 2015 19:48

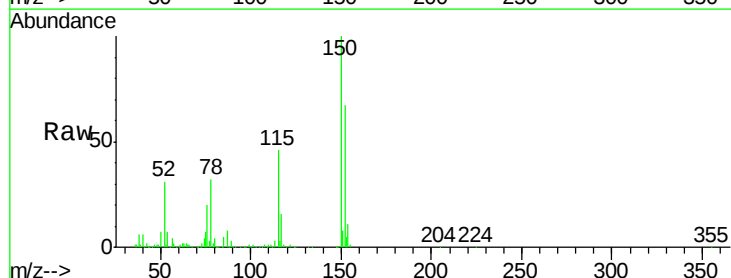
Tgt Ion: 79 Resp: 8268

Ion Ratio Lower Upper

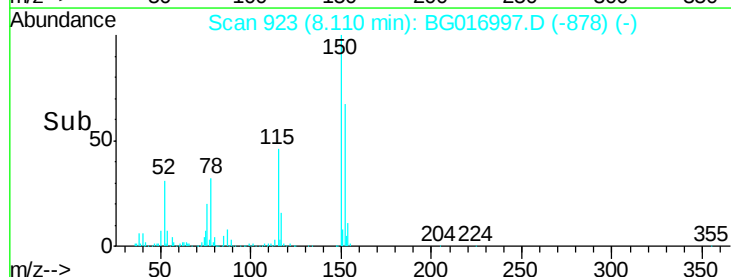
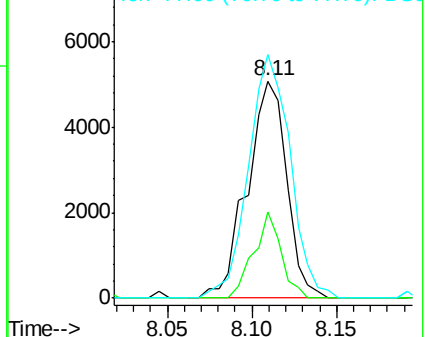
79 100

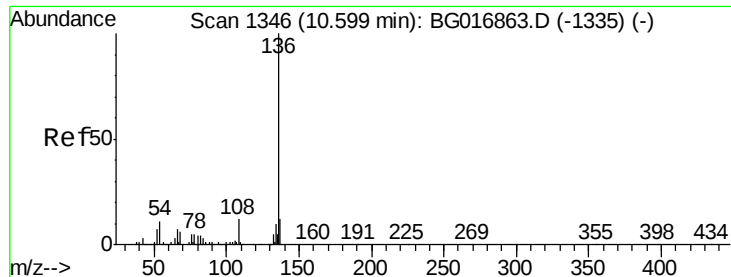
108 39.9 53.4 80.2#

77 112.2 52.2 78.2#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

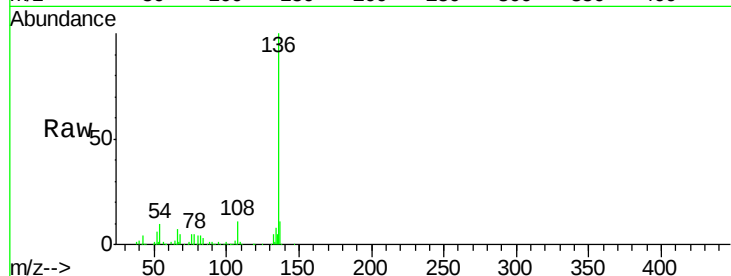




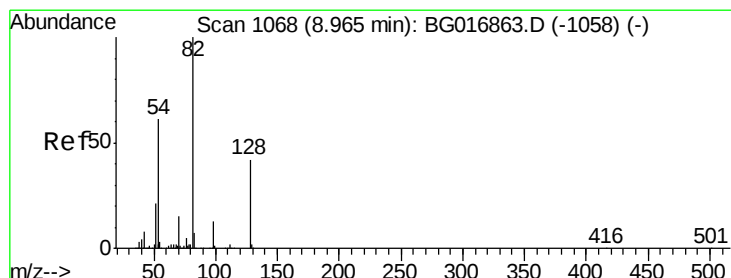
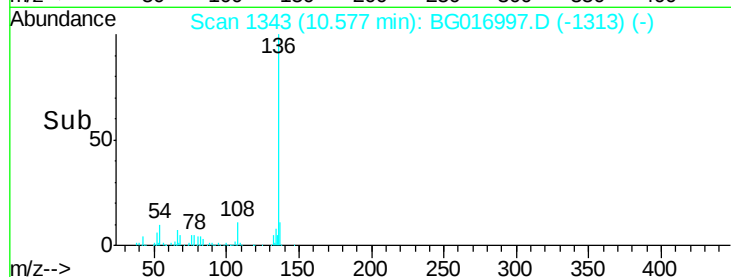
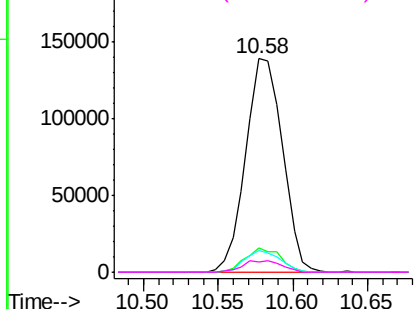
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.58 min Scan# 1343
Delta R.T. -0.02 min
Lab File: BG016997.D
Acq: 9 May 2015 19:48

Instrument :
BNA_G
ClientSampleId :
SB-2

Tgt Ion:	136	Resp:	237163
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.8	14.8
54	10.3	8.7	13.1
68	5.1	5.0	7.4

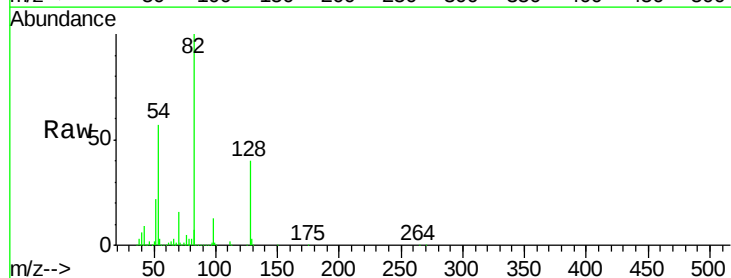


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

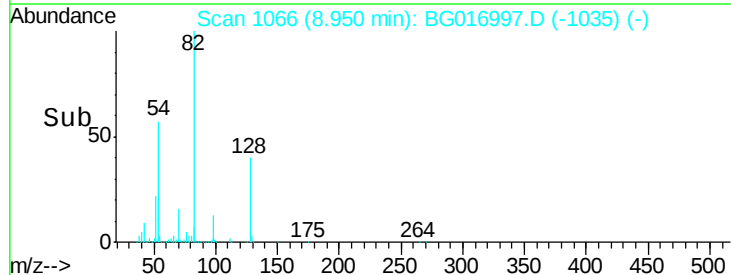
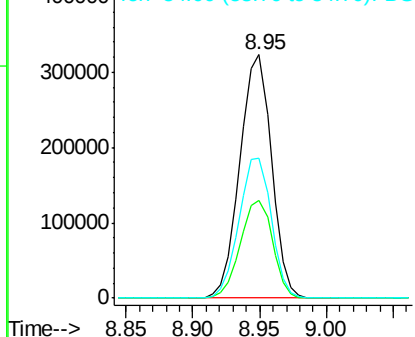


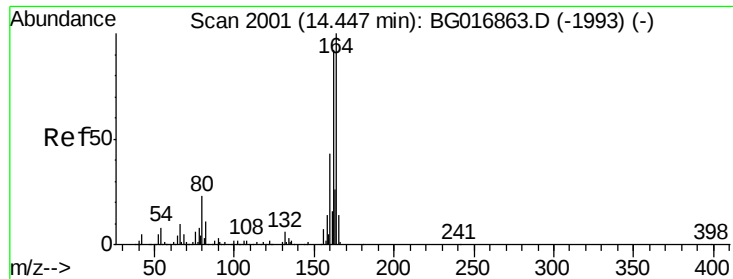
#23
Nitrobenzene-d5
Concen: 109.28 ng
RT: 8.95 min Scan# 1066
Delta R.T. -0.02 min
Lab File: BG016997.D
Acq: 9 May 2015 19:48

Tgt Ion:	82	Resp:	530533
Ion	Ratio	Lower	Upper
82	100		
128	40.2	33.2	49.8
54	57.3	48.6	72.8



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.43 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BG016997.D

Acq: 9 May 2015 19:48

Instrument :

BNA_G

ClientSampleId :

SB-2

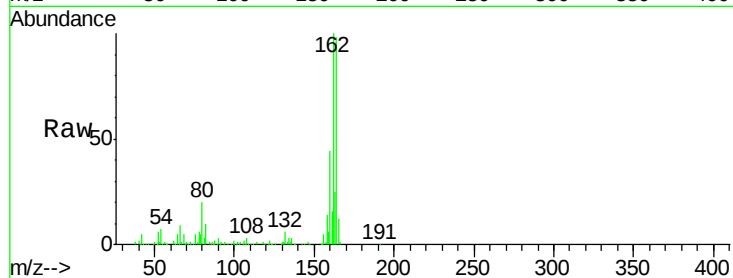
Tgt Ion:164 Resp: 163712

Ion Ratio Lower Upper

164 100

162 101.6 74.0 111.0

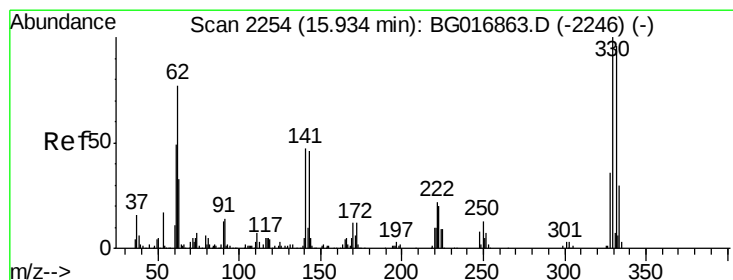
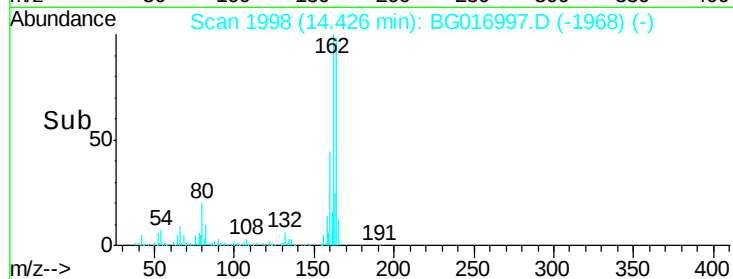
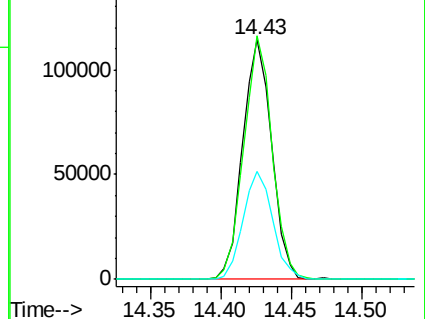
160 45.1 34.7 52.1



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: 120.52 ng

RT: 15.91 min Scan# 2251

Delta R.T. -0.02 min

Lab File: BG016997.D

Acq: 9 May 2015 19:48

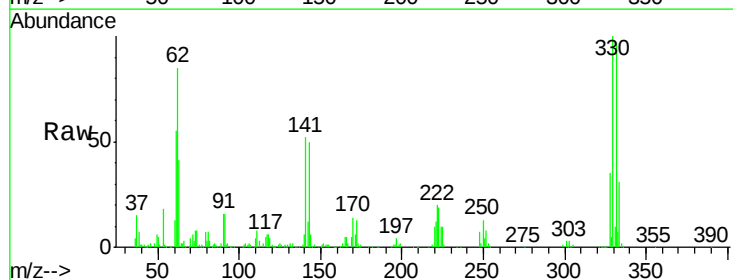
Tgt Ion:330 Resp: 198068

Ion Ratio Lower Upper

330 100

332 95.6 0.0 0.0#

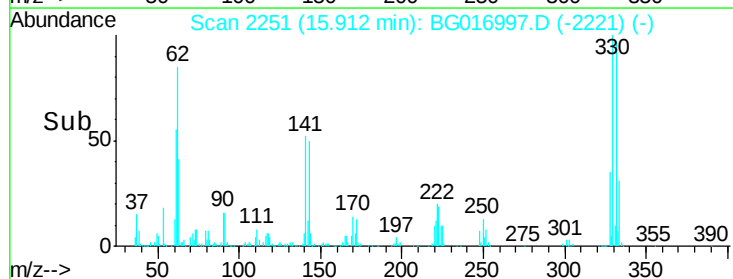
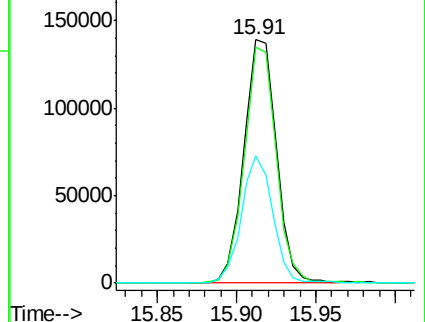
141 50.5 0.0 0.0#

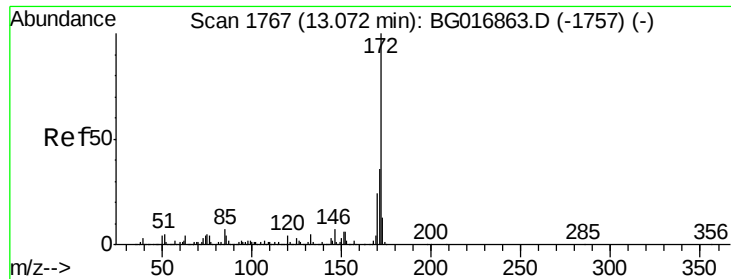


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

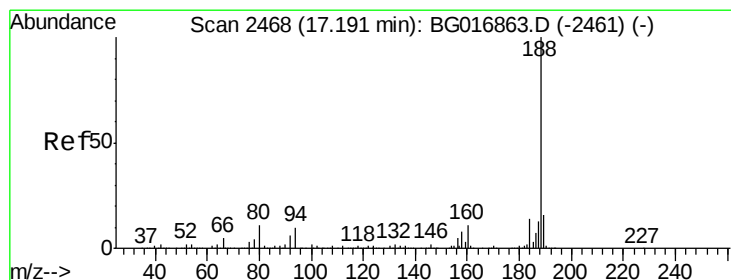
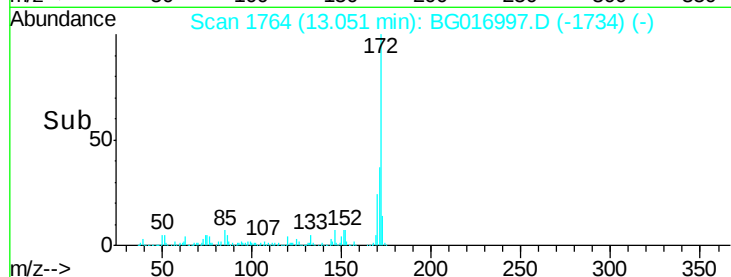
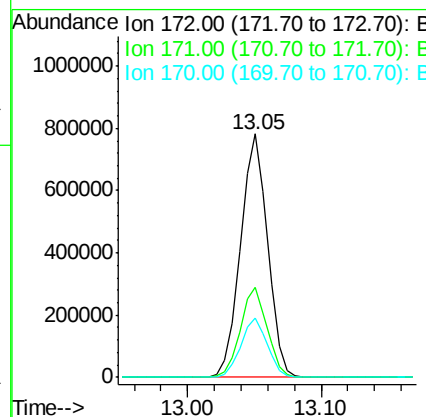
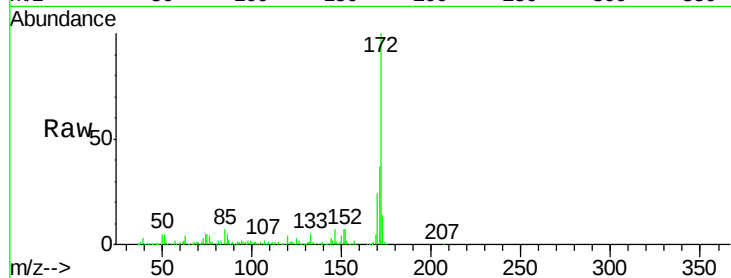




#44
 2-Fluorobiphenyl
 Concen: 101.06 ng
 RT: 13.05 min Scan# 1764
 Delta R.T. -0.02 min
 Lab File: BG016997.D
 Acq: 9 May 2015 19:48

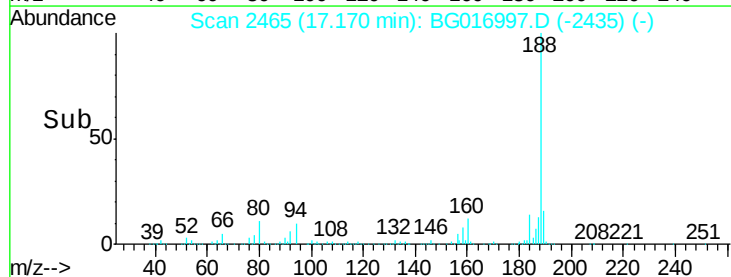
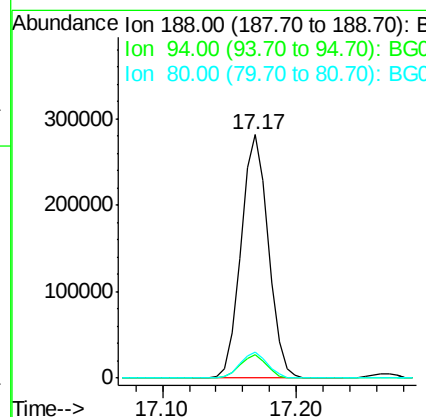
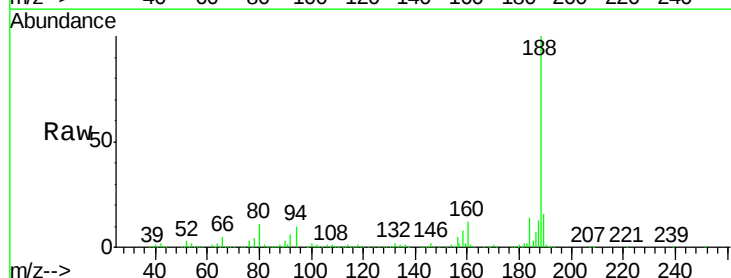
Instrument :
 BNA_G
 ClientSampleId :
 SB-2

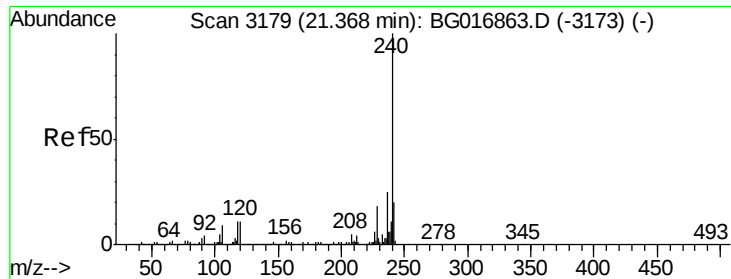
Tgt Ion:172 Resp: 1096415
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.0 43.4
 170 24.3 19.0 28.4



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.17 min Scan# 2465
 Delta R.T. -0.02 min
 Lab File: BG016997.D
 Acq: 9 May 2015 19:48

Tgt Ion:188 Resp: 397015
 Ion Ratio Lower Upper
 188 100
 94 9.9 8.2 12.4
 80 10.8 8.8 13.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.35 min Scan# 3176

Delta R.T. -0.02 min

Lab File: BG016997.D

Acq: 9 May 2015 19:48

Instrument :

BNA_G

ClientSampleId :

SB-2

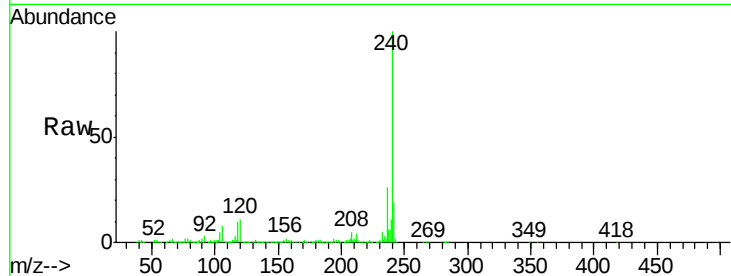
Tgt Ion:240 Resp: 388931

Ion Ratio Lower Upper

240 100

120 11.2 9.1 13.7

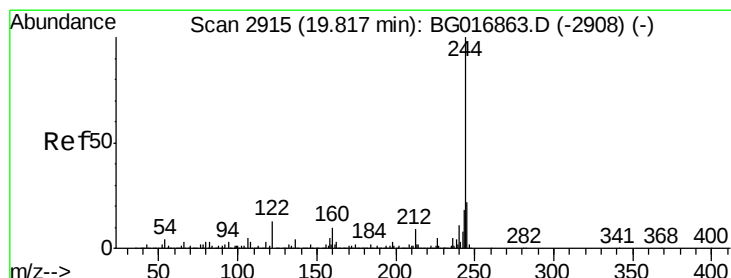
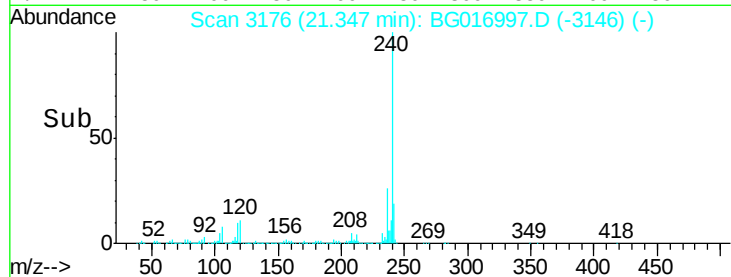
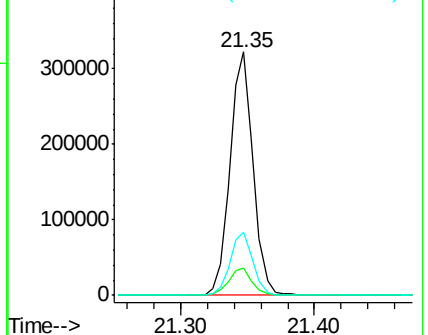
236 25.9 20.2 30.4



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: 118.27 ng

RT: 19.80 min Scan# 2912

Delta R.T. -0.02 min

Lab File: BG016997.D

Acq: 9 May 2015 19:48

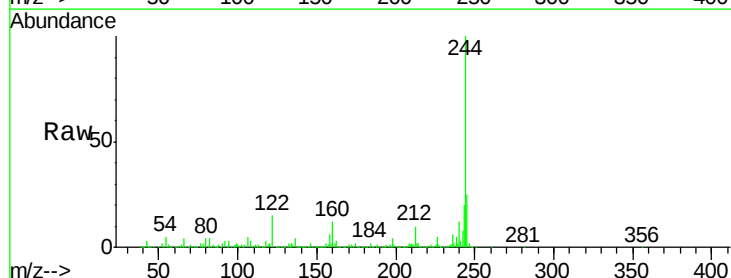
Tgt Ion:244 Resp: 1962150

Ion Ratio Lower Upper

244 100

212 10.0 7.0 10.6

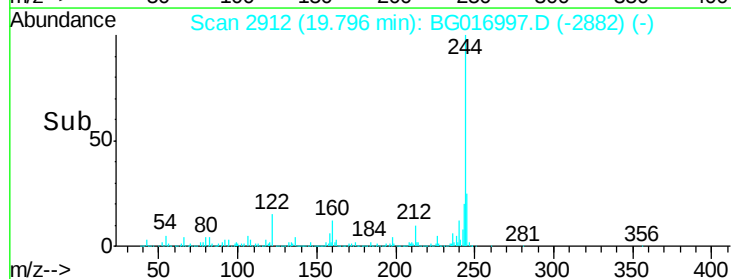
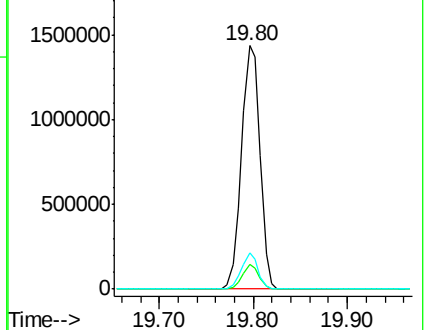
122 15.1 10.4 15.6

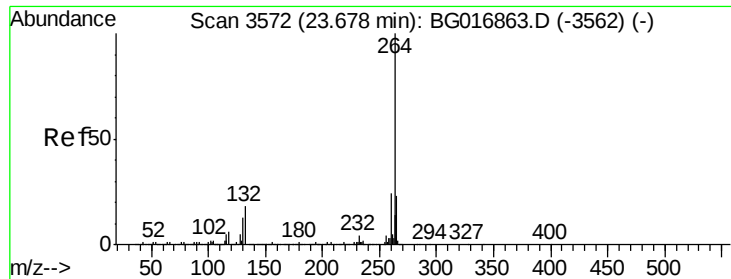


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG016997.D
Acq: 9 May 2015 19:48

Instrument :
BNA_G
ClientSampleId :
SB-2

Tgt Ion:264 Resp: 374872

Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.5	29.3
265	23.0	18.5	27.7

