

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050715\
 Data File : BG016933.D
 Acq On : 7 May 2015 22:59
 Operator : TP/IZ
 Sample : G2057-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MWUNK-1

Quant Time: May 08 04:18:23 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 08 04:04:43 2015
 Response via : Initial Calibration

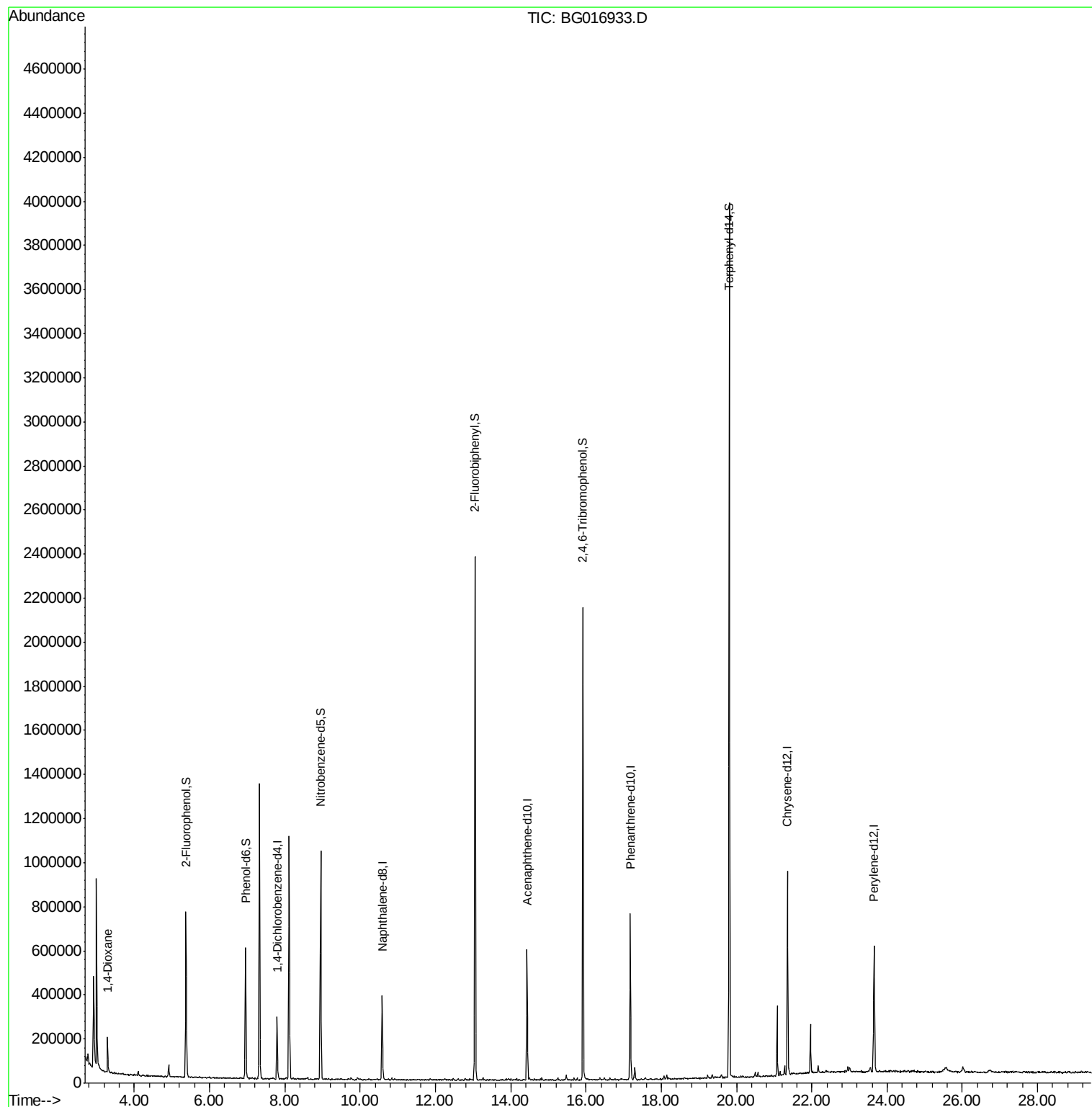
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	66153	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	284269	20.00	ng	0.00
38) Acenaphthene-d10	14.44	164	184713	20.00	ng	0.00
63) Phenanthrene-d10	17.18	188	396367	20.00	ng	0.00
75) Chrysene-d12	21.36	240	401132	20.00	ng	0.00
86) Perylene-d12	23.65	264	390003	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	279572	73.59	ng	0.00
7) Phenol-d6	6.96	99	285193	52.54	ng	0.00
23) Nitrobenzene-d5	8.95	82	550440	94.60	ng	0.00
41) 2,4,6-Tribromophenol	15.92	330	299679	161.61	ng	0.00
44) 2-Fluorobiphenyl	13.06	172	1123556	91.79	ng	0.00
78) Terphenyl-d14	19.81	244	1522995	89.01	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.30	88	72578	45.58	ng	# 1
32) Benzoic acid	9.85	122	343	Below Cal		# 6

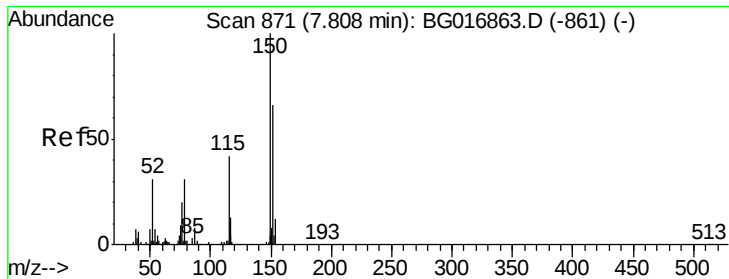
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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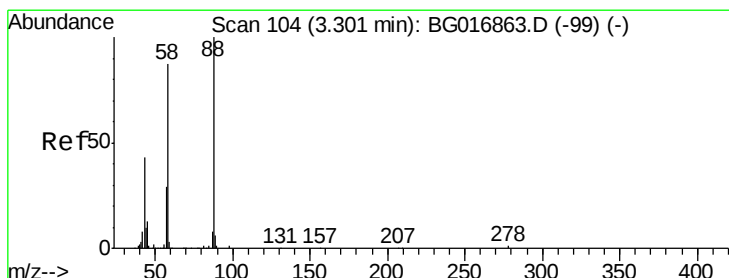
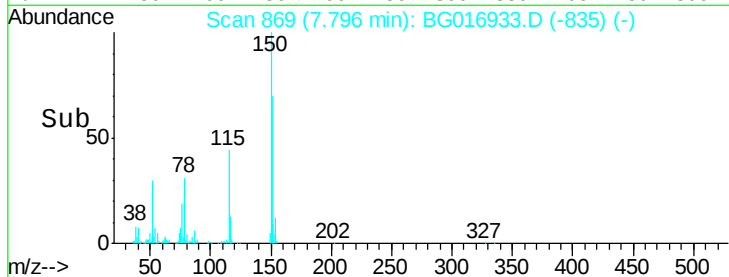
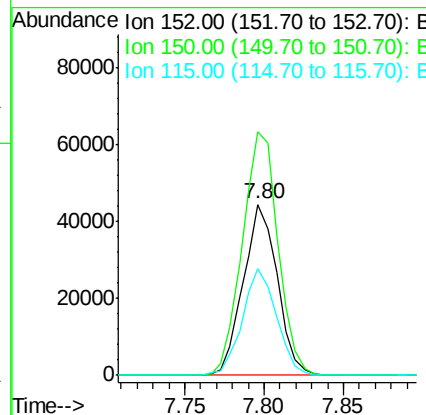
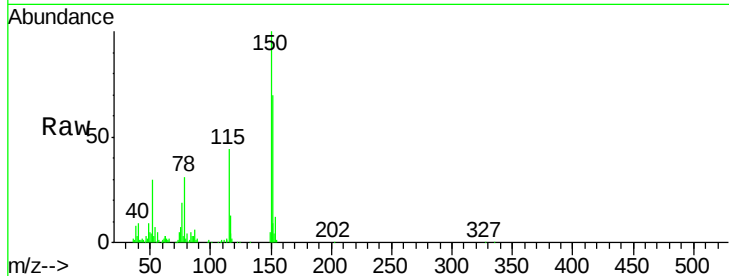


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.80 min Scan# 869
Delta R.T. -0.00 min
Lab File: BG016933.D
Acq: 7 May 2015 22:59

Instrument :
BNA_G
ClientSampleId :
MWUNK-1

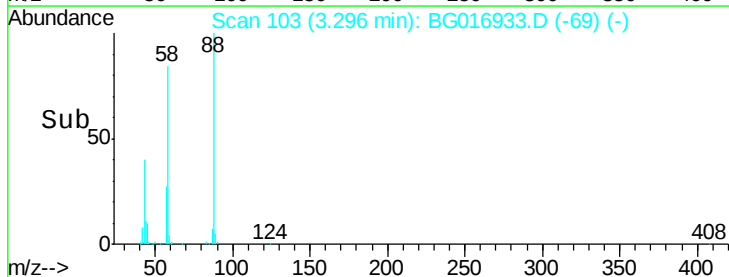
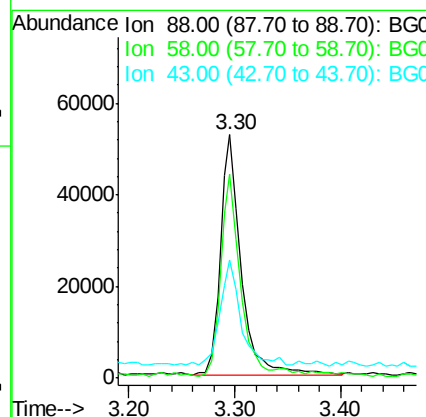
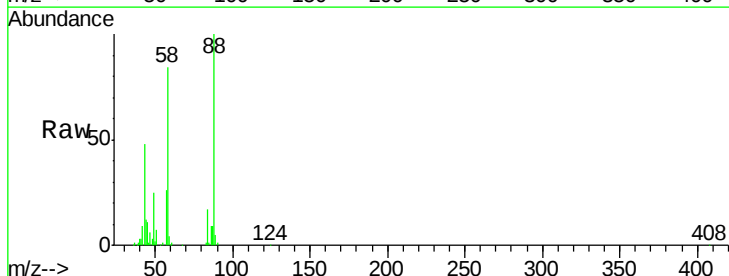
Tgt Ion	Ratio	Lower	Upper
152	100		
150	142.3	121.0	181.4
115	62.2	50.5	75.7

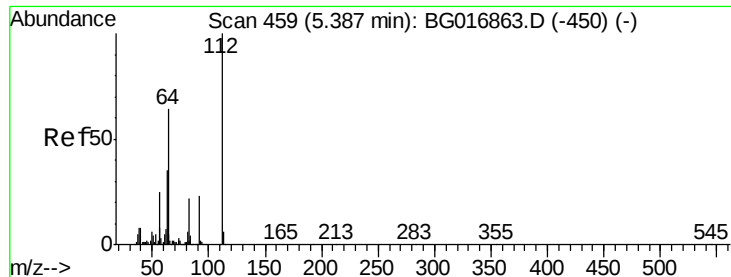


#2

1,4-Dioxane
Concen: 45.58 ng
RT: 3.30 min Scan# 103
Delta R.T. -0.00 min
Lab File: BG016933.D
Acq: 7 May 2015 22:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.1	0.1	0.1#
43	43.8	1.3	1.9#





#5

2-Fluorophenol

Concen: 73.59 ng

RT: 5.38 min Scan# 457

Delta R.T. -0.00 min

Lab File: BG016933.D

Acq: 7 May 2015 22:59

Instrument :

BNA_G

ClientSampleId :

MWUNK-1

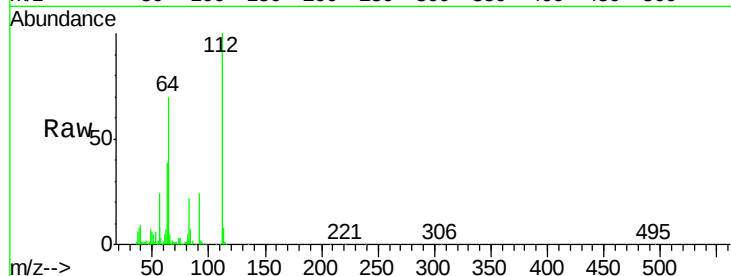
Tgt Ion: 112 Resp: 279572

Ion Ratio Lower Upper

112 100

64 70.4 51.4 77.2

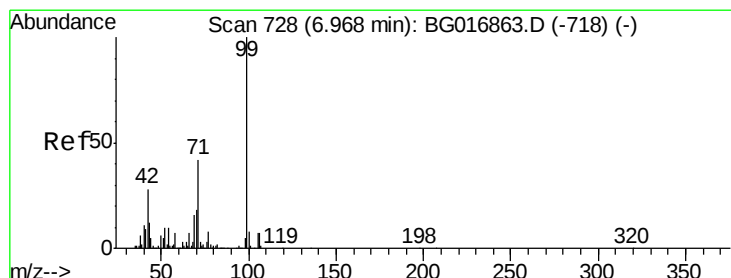
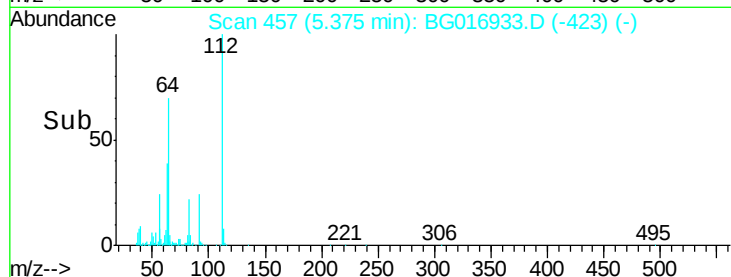
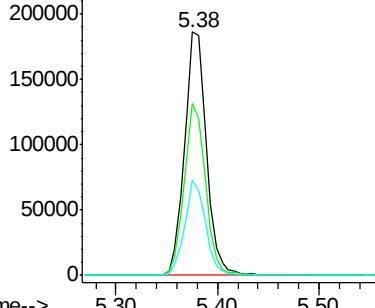
63 39.0 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 52.54 ng

RT: 6.96 min Scan# 727

Delta R.T. -0.00 min

Lab File: BG016933.D

Acq: 7 May 2015 22:59

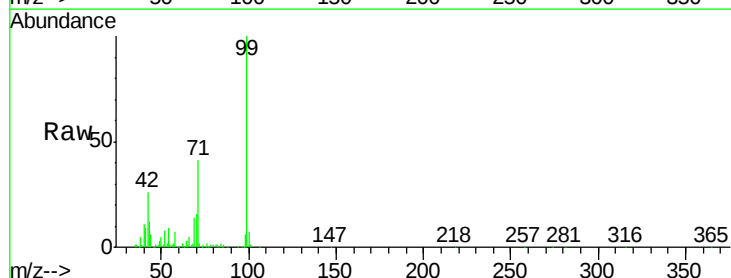
Tgt Ion: 99 Resp: 285193

Ion Ratio Lower Upper

99 100

42 25.5 22.1 33.1

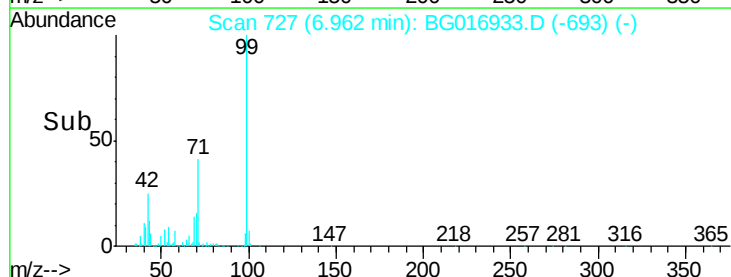
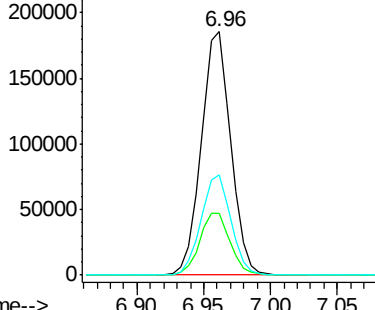
71 41.3 33.4 50.0

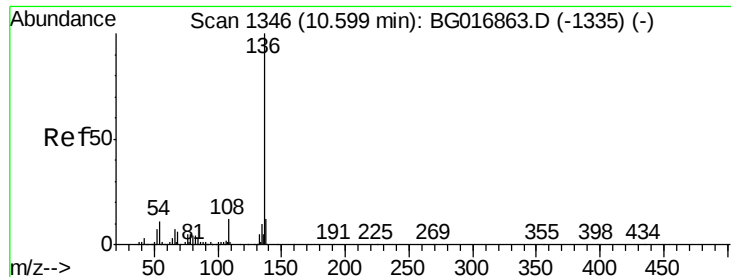


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

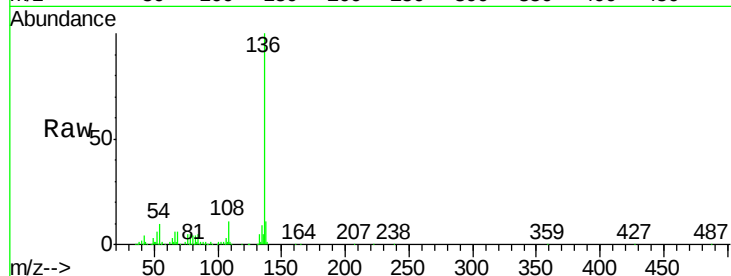




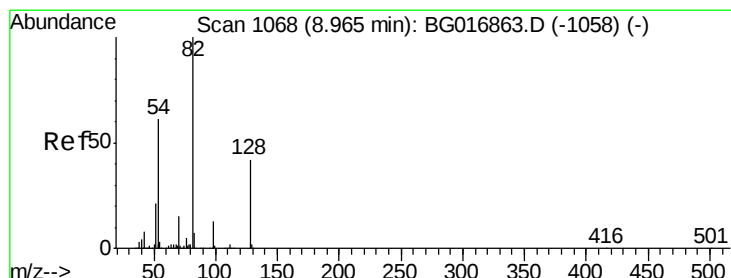
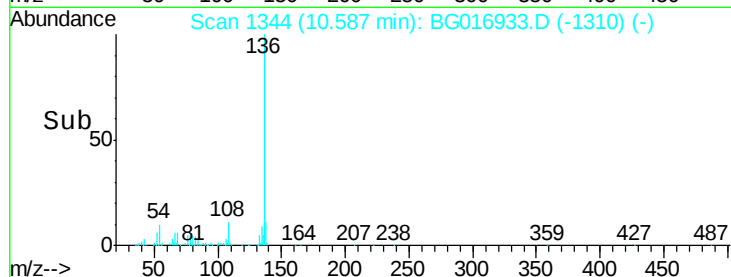
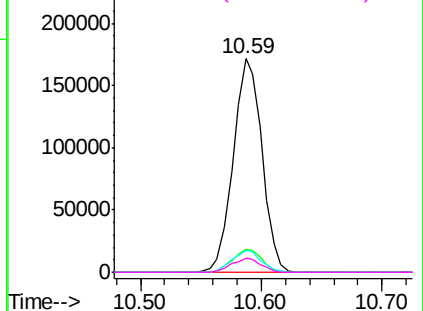
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.59 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BG016933.D
Acq: 7 May 2015 22:59

Instrument :
BNA_G
ClientSampleId :
MWUNK-1

Tgt Ion:	136	Resp:	284269
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.8	14.8
54	10.2	8.7	13.1
68	6.4	5.0	7.4

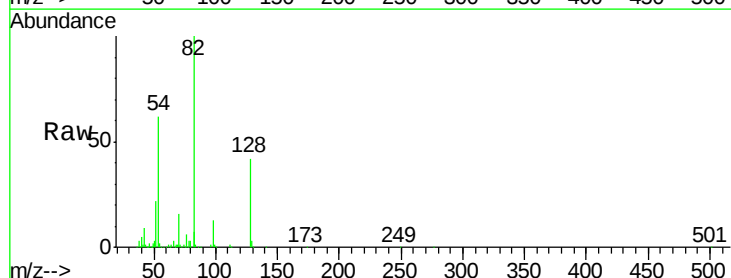


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

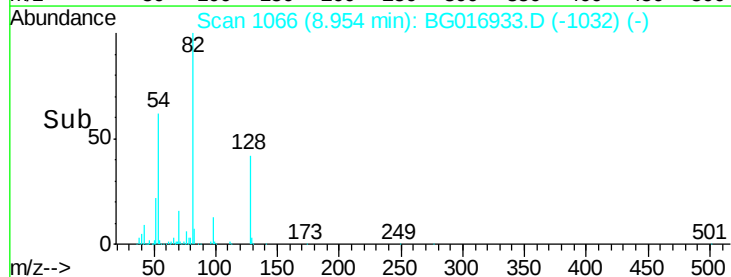
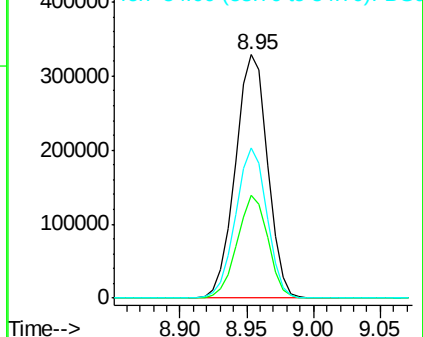


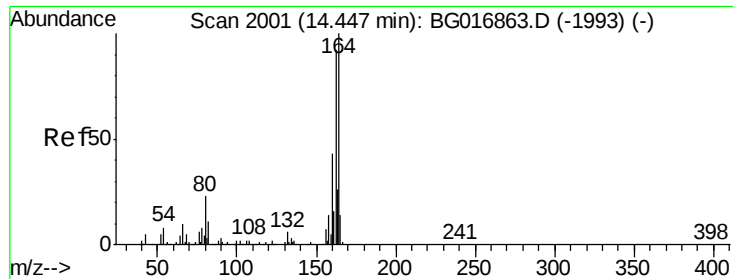
#23
Nitrobenzene-d5
Concen: 94.60 ng
RT: 8.95 min Scan# 1066
Delta R.T. -0.00 min
Lab File: BG016933.D
Acq: 7 May 2015 22:59

Tgt Ion:	82	Resp:	550440
Ion	Ratio	Lower	Upper
82	100		
128	42.0	33.2	49.8
54	61.7	48.6	72.8



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.44 min Scan# 1999

Delta R.T. -0.00 min

Lab File: BG016933.D

Acq: 7 May 2015 22:59

Instrument :

BNA_G

ClientSampleId :

MWUNK-1

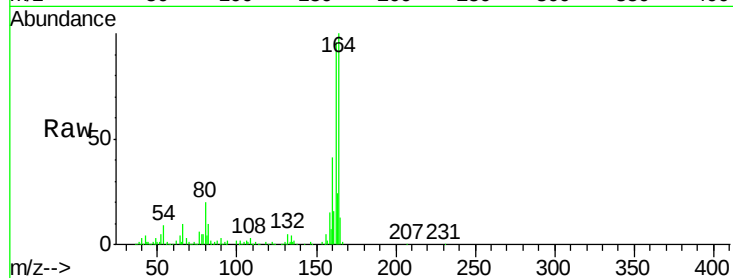
Tgt Ion:164 Resp: 184713

Ion Ratio Lower Upper

164 100

162 95.8 74.0 111.0

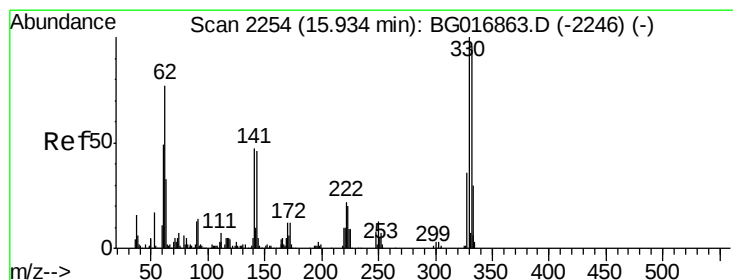
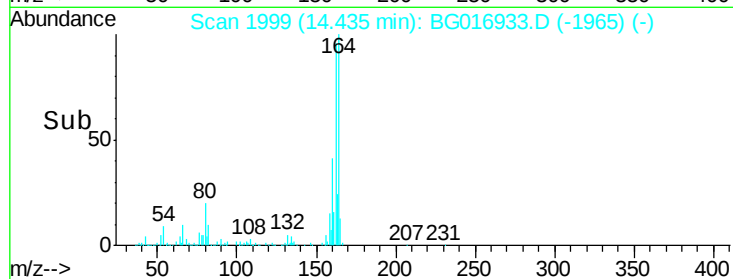
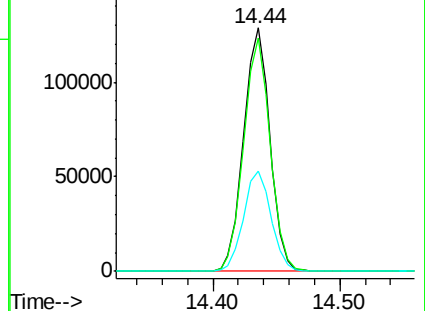
160 41.0 34.7 52.1



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: 161.61 ng

RT: 15.92 min Scan# 2252

Delta R.T. -0.00 min

Lab File: BG016933.D

Acq: 7 May 2015 22:59

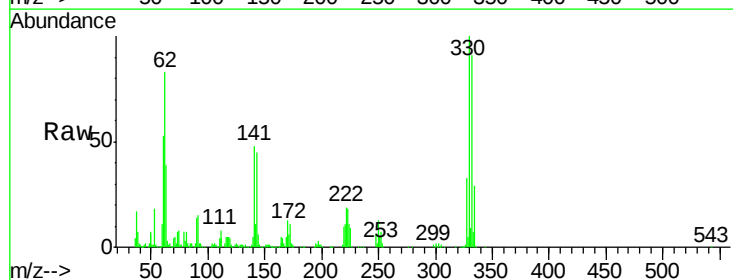
Tgt Ion:330 Resp: 299679

Ion Ratio Lower Upper

330 100

332 94.7 0.0 0.0#

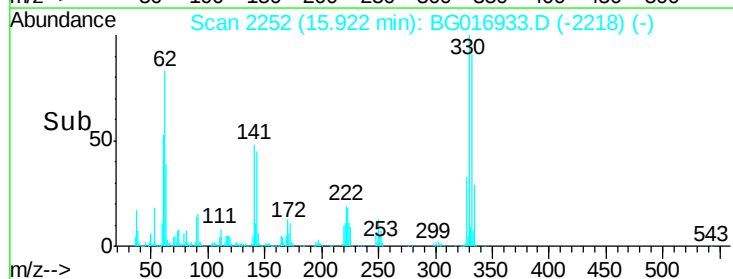
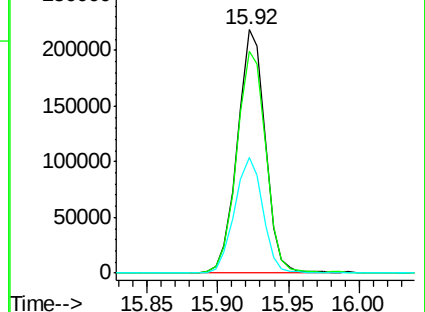
141 48.4 0.0 0.0#

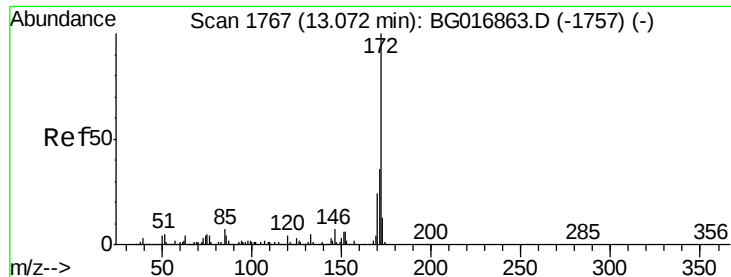


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

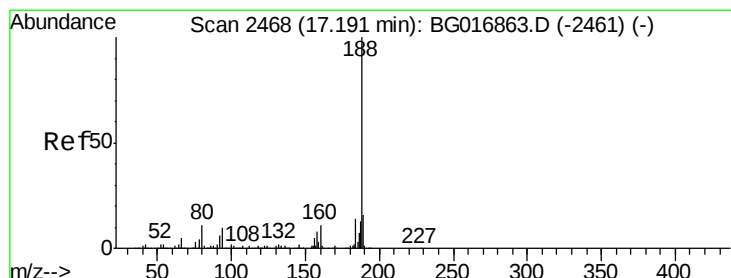
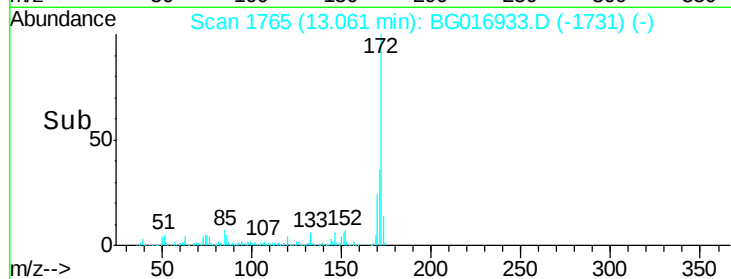
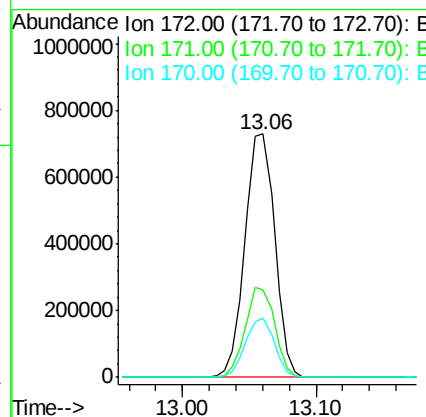
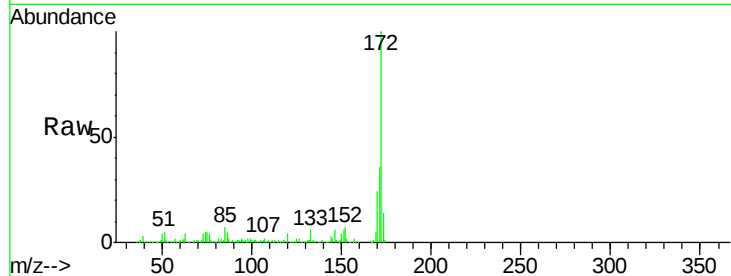




#44
 2-Fluorobiphenyl
 Concen: 91.79 ng
 RT: 13.06 min Scan# 1765
 Delta R.T. -0.00 min
 Lab File: BG016933.D
 Acq: 7 May 2015 22:59

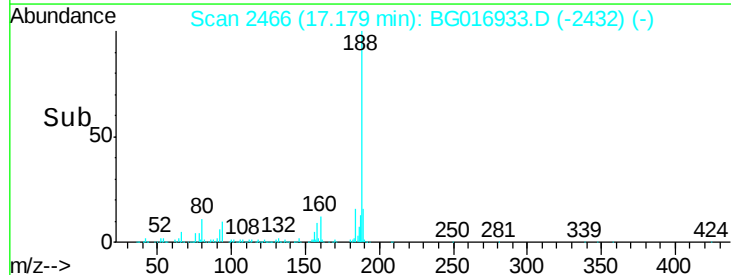
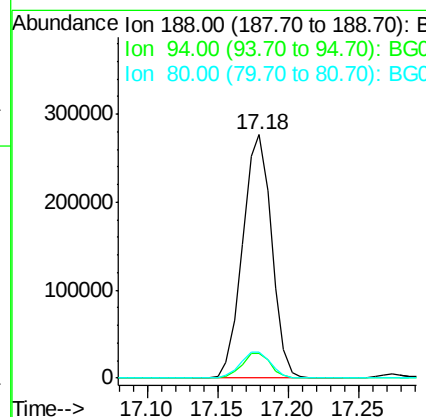
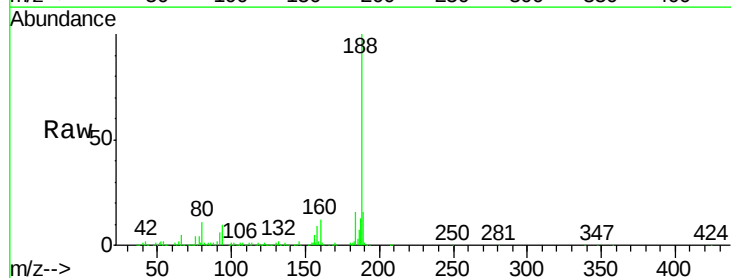
Instrument :
 BNA_G
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 MWUNK-1

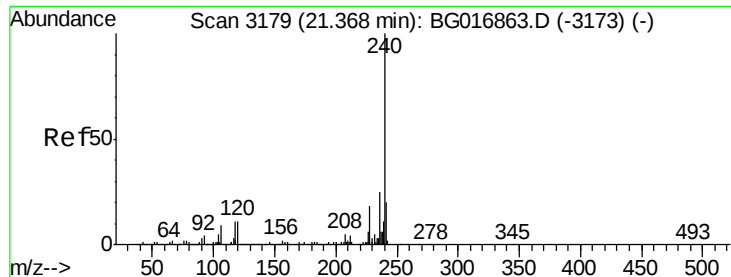
Tgt Ion:172 Resp: 1123556
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.4
 170 24.4 19.0 28.4



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.18 min Scan# 2466
 Delta R.T. -0.00 min
 Lab File: BG016933.D
 Acq: 7 May 2015 22:59

Tgt Ion:188 Resp: 396367
 Ion Ratio Lower Upper
 188 100
 94 10.2 8.2 12.4
 80 10.9 8.8 13.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.36 min Scan# 3177

Delta R.T. -0.00 min

Lab File: BG016933.D

Acq: 7 May 2015 22:59

Instrument :

BNA_G

ClientSampleId :

MWUNK-1

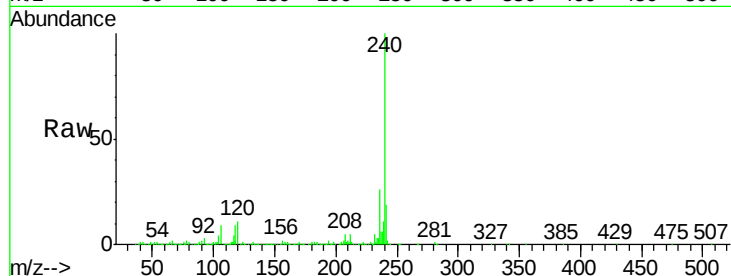
Tgt Ion:240 Resp: 401132

Ion Ratio Lower Upper

240 100

120 11.5 9.1 13.7

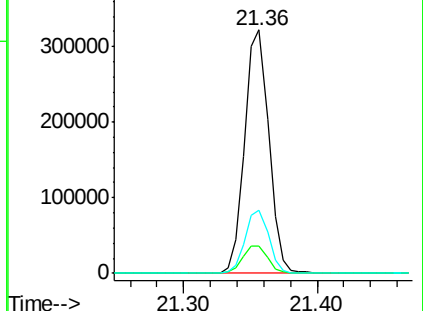
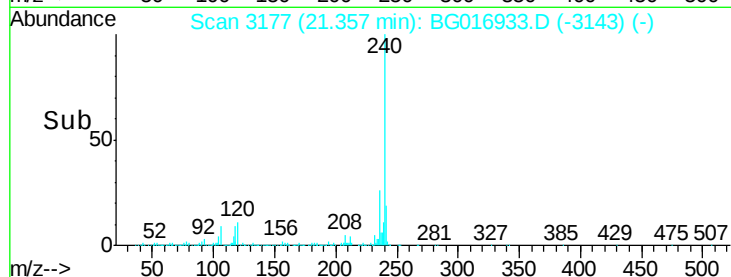
236 26.0 20.2 30.4



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: 89.01 ng

RT: 19.81 min Scan# 2913

Delta R.T. -0.00 min

Lab File: BG016933.D

Acq: 7 May 2015 22:59

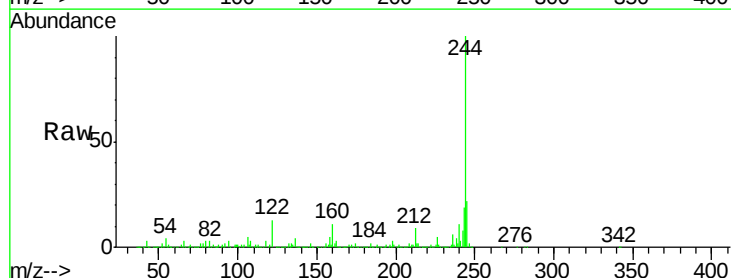
Tgt Ion:244 Resp: 1522995

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.6

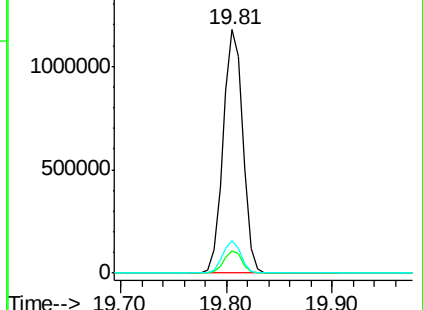
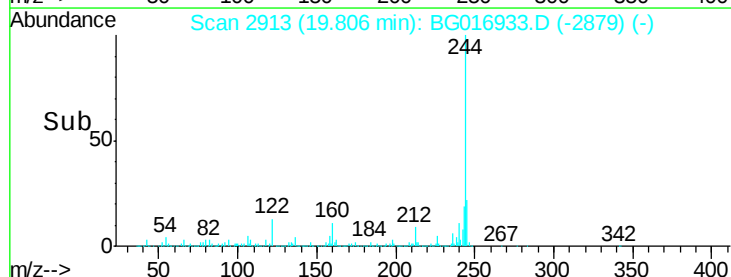
122 13.3 10.4 15.6

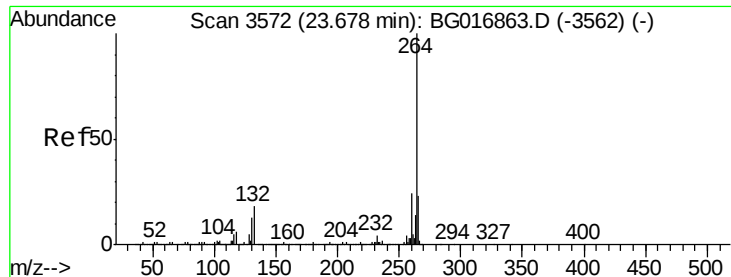


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.65 min Scan# 3568
Delta R.T. -0.01 min
Lab File: BG016933.D
Acq: 7 May 2015 22:59

Instrument :
BNA_G
ClientSampleId :
MWUNK-1

Tgt Ion: 264 Resp: 390003
Ion Ratio Lower Upper
264 100
260 22.8 19.5 29.3
265 21.7 18.5 27.7

