

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
 Data File : BG016993.D
 Acq On : 9 May 2015 17:29
 Operator : TP/IZ
 Sample : PB83287BL
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83287BL

Quant Time: May 11 01:22:23 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

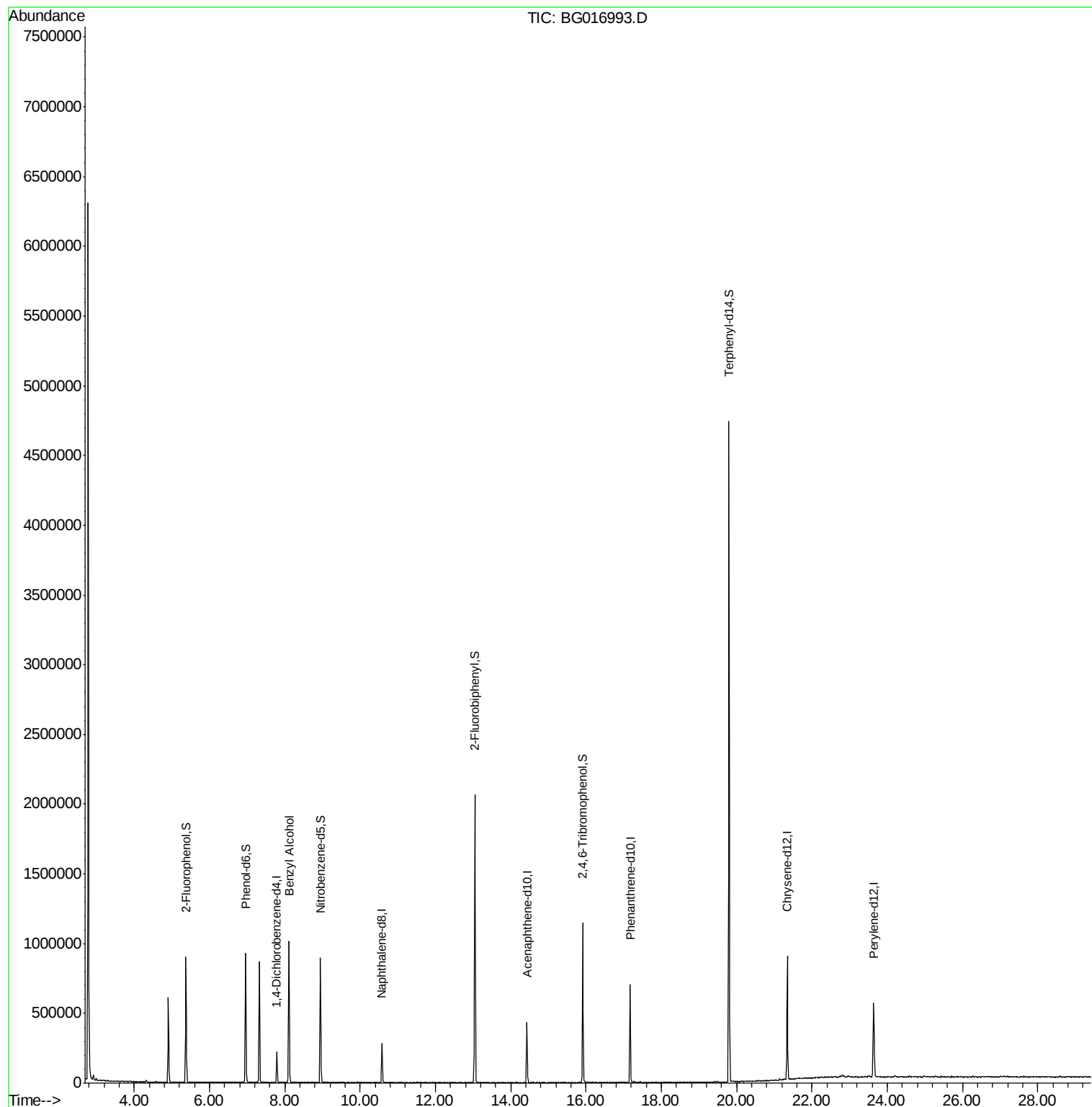
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	50988	20.00	ng	-0.02
21) Naphthalene-d8	10.58	136	212892	20.00	ng	-0.01
38) Acenaphthene-d10	14.43	164	133549	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	352033	20.00	ng	-0.02
75) Chrysene-d12	21.35	240	385824	20.00	ng	-0.02
86) Perylene-d12	23.65	264	373885	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	306039	104.51	ng	-0.01
7) Phenol-d6	6.96	99	411804	98.43	ng	0.00
23) Nitrobenzene-d5	8.95	82	463098	106.27	ng	-0.02
41) 2,4,6-Tribromophenol	15.91	330	160096	119.41	ng	-0.02
44) 2-Fluorobiphenyl	13.05	172	929246	105.00	ng	-0.02
78) Terphenyl-d14	19.80	244	1755923	106.69	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	8.10	79	8772	2.30	ng	# 64
32) Benzoic acid	9.93	122	81	Below Cal		# 1

(#) = 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: BG016993.D

Acq: 9 May 2015 17:29

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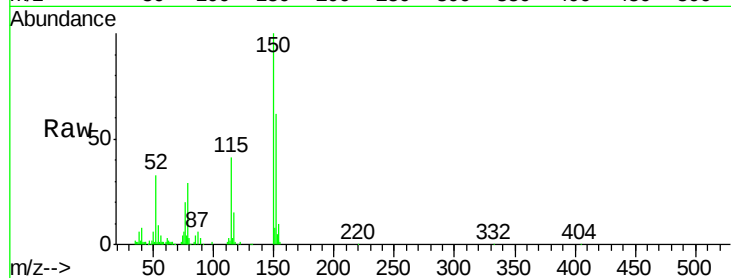
Tgt Ion:152 Resp: 50988

Ion Ratio Lower Upper

152 100

150 161.5 121.0 181.4

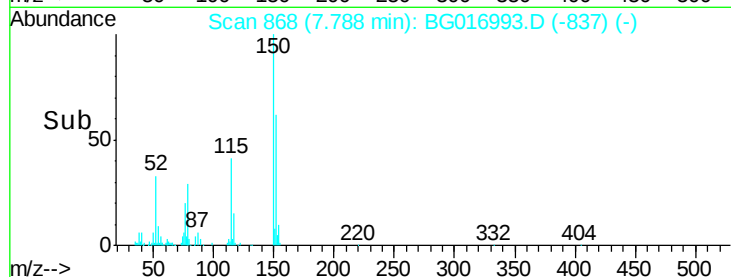
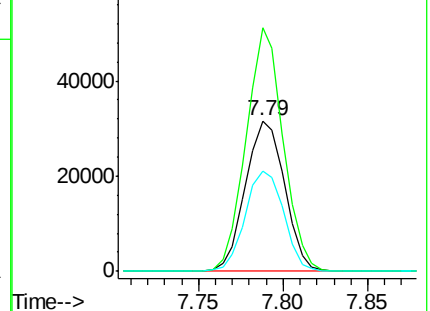
115 66.8 50.5 75.7



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: 104.51 ng

RT: 5.37 min Scan# 457

Delta R.T. -0.01 min

Lab File: BG016993.D

Acq: 9 May 2015 17:29

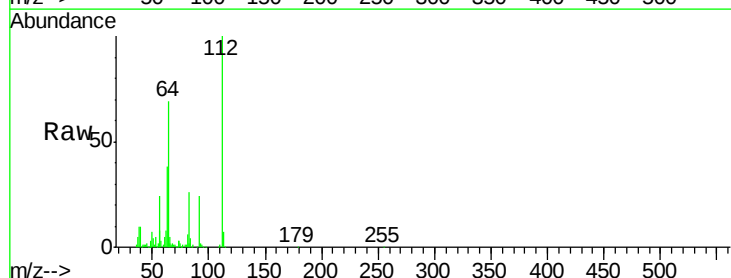
Tgt Ion:112 Resp: 306039

Ion Ratio Lower Upper

112 100

64 69.4 51.4 77.2

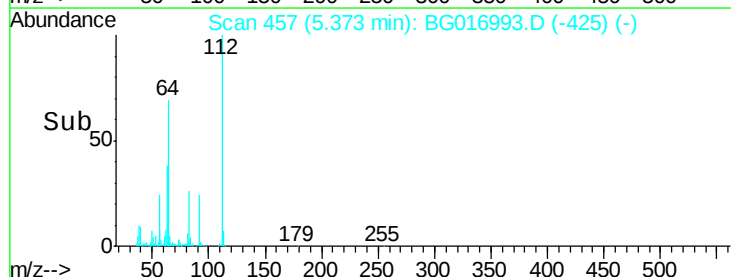
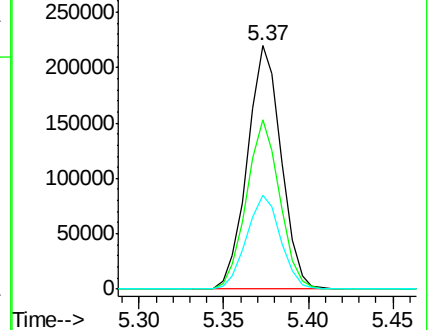
63 38.5 28.1 42.1

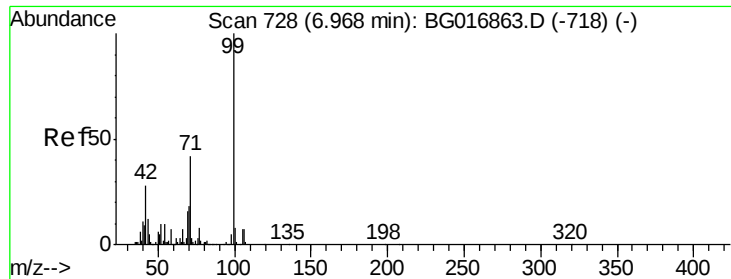


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 98.43 ng

RT: 6.96 min Scan# 727

Delta R.T. -0.01 min

Lab File: BG016993.D

Acq: 9 May 2015 17:29

Instrument :

BNA_G

ClientSampleId :

PB83287BL

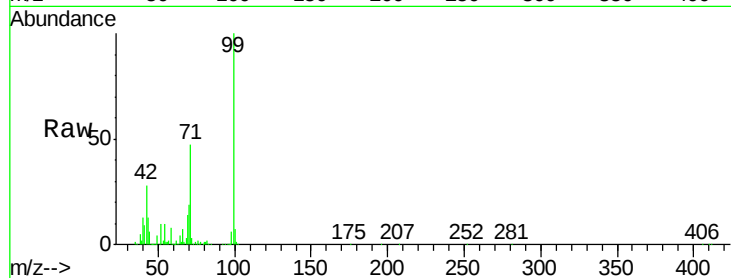
Tgt Ion: 99 Resp: 411804

Ion Ratio Lower Upper

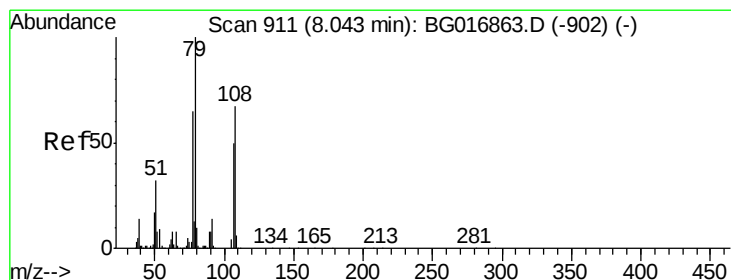
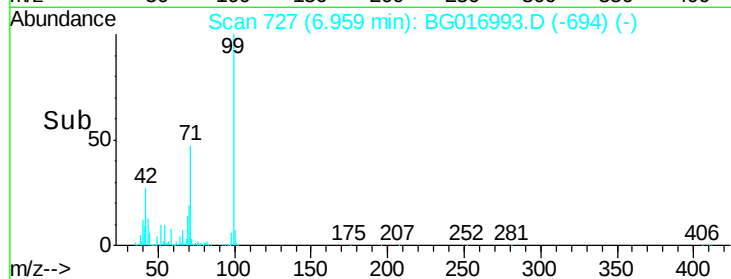
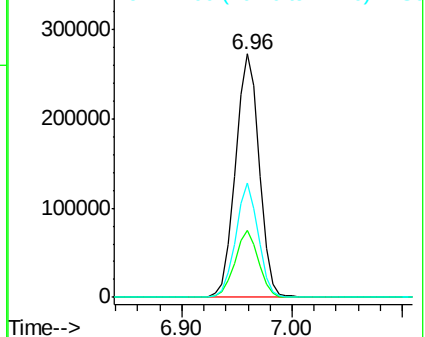
99 100

42 27.5 22.1 33.1

71 47.1 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



#15

Benzyl Alcohol

Concen: 2.30 ng

RT: 8.10 min Scan# 922

Delta R.T. 0.06 min

Lab File: BG016993.D

Acq: 9 May 2015 17:29

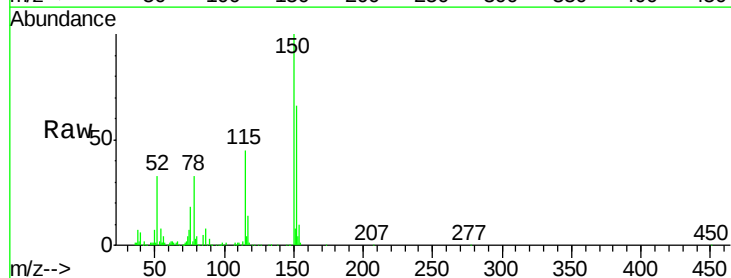
Tgt Ion: 79 Resp: 8772

Ion Ratio Lower Upper

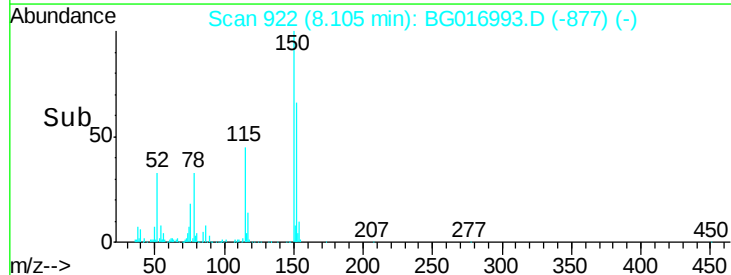
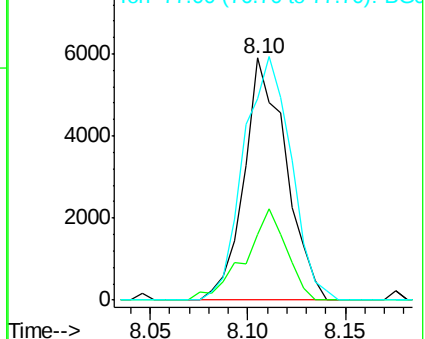
79 100

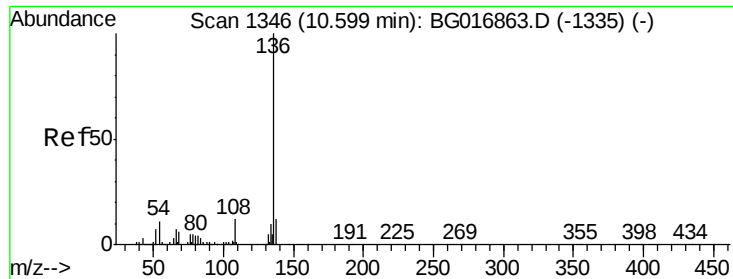
108 27.0 53.4 80.2#

77 83.2 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

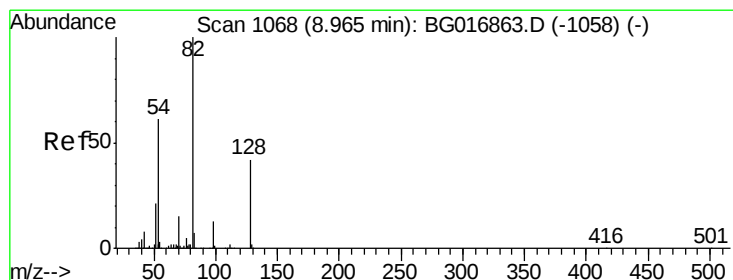
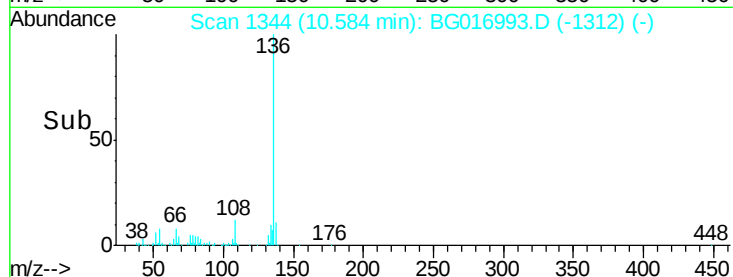
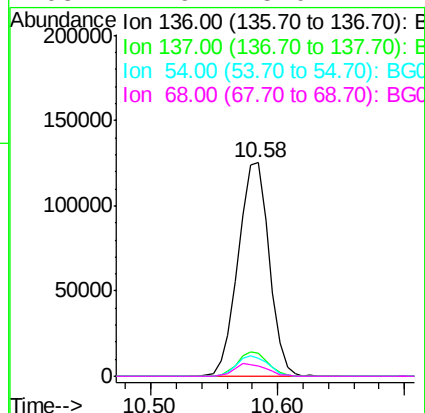
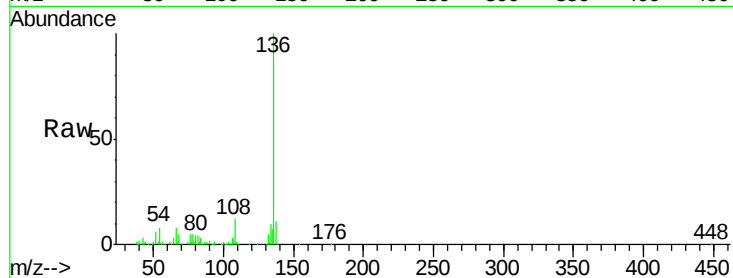




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.58 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BG016993.D
Acq: 9 May 2015 17:29

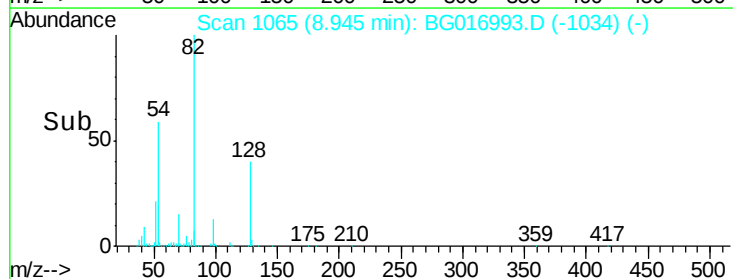
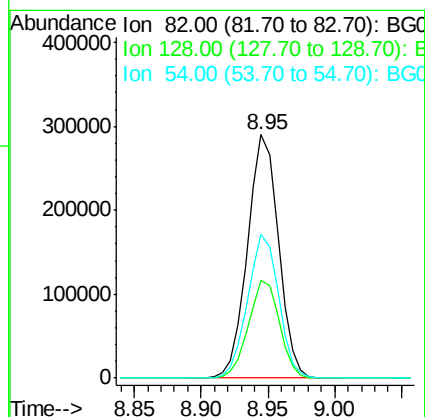
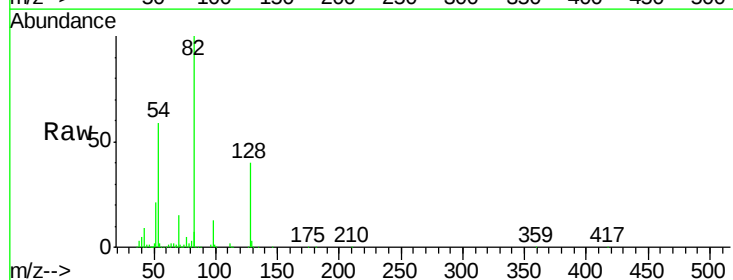
Instrument :
BNA_G
ClientSampleId :
PB83287BL

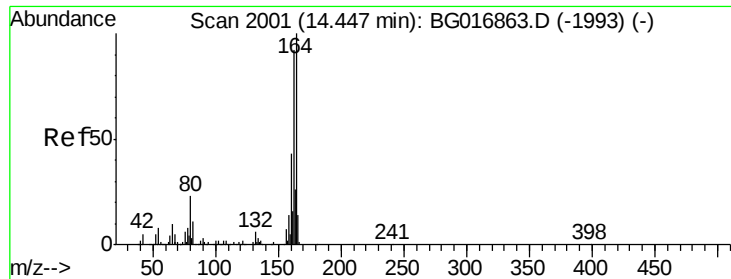
Tgt Ion:	136	Resp:	212892
Ion Ratio		Lower	Upper
136	100		
137	10.9	9.8	14.8
54	8.2	8.7	13.1#
68	4.6	5.0	7.4#



#23
Nitrobenzene-d5
Concen: 106.27 ng
RT: 8.95 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG016993.D
Acq: 9 May 2015 17:29

Tgt Ion:	82	Resp:	463098
Ion Ratio		Lower	Upper
82	100		
128	40.0	33.2	49.8
54	58.9	48.6	72.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.43 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BG016993.D

Acq: 9 May 2015 17:29

Instrument :

BNA_G

ClientSampleId :

PB83287BL

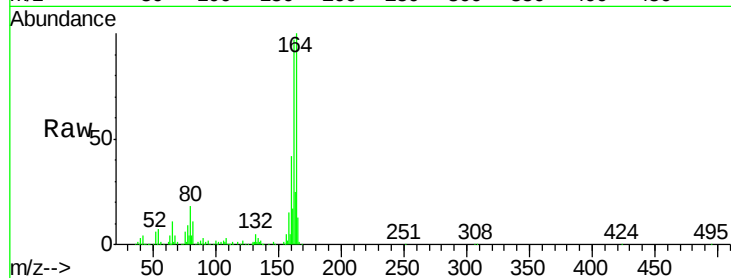
Tgt Ion:164 Resp: 133549

Ion Ratio Lower Upper

164 100

162 96.7 74.0 111.0

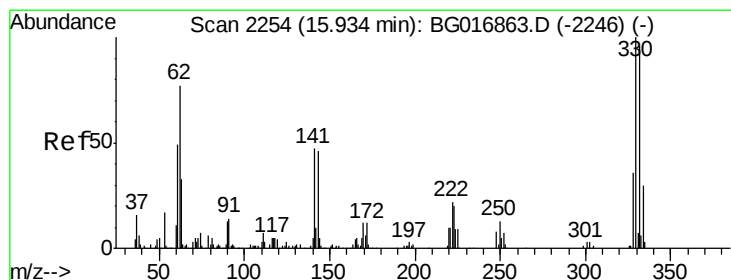
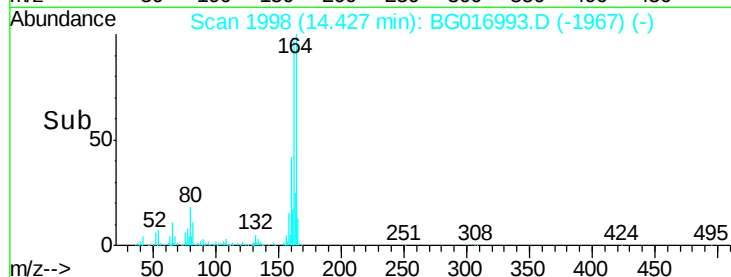
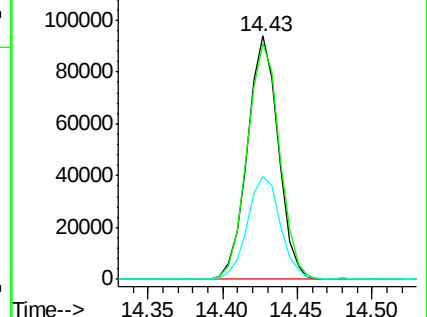
160 42.4 34.7 52.1



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: 119.41 ng

RT: 15.91 min Scan# 2251

Delta R.T. -0.02 min

Lab File: BG016993.D

Acq: 9 May 2015 17:29

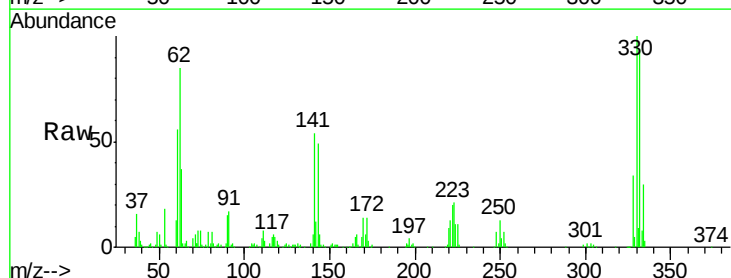
Tgt Ion:330 Resp: 160096

Ion Ratio Lower Upper

330 100

332 96.4 0.0 0.0#

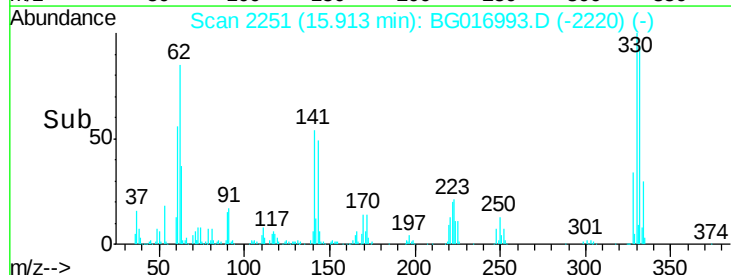
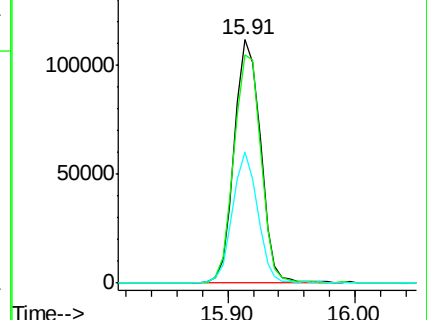
141 51.2 0.0 0.0#

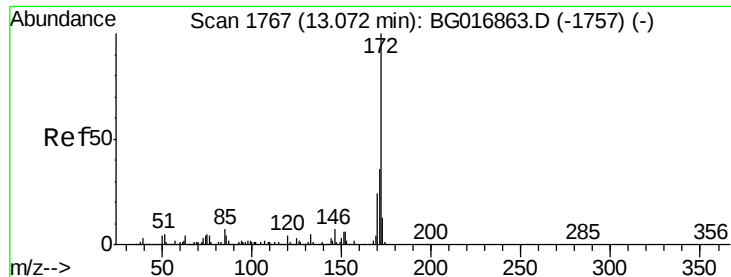


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

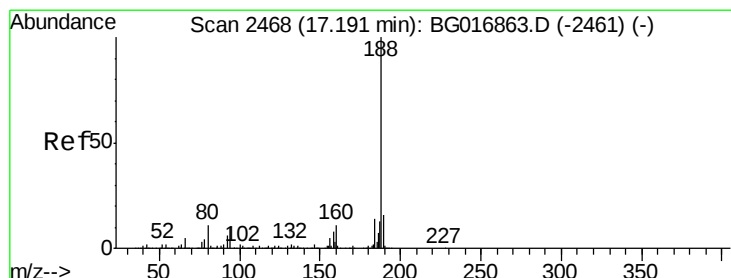
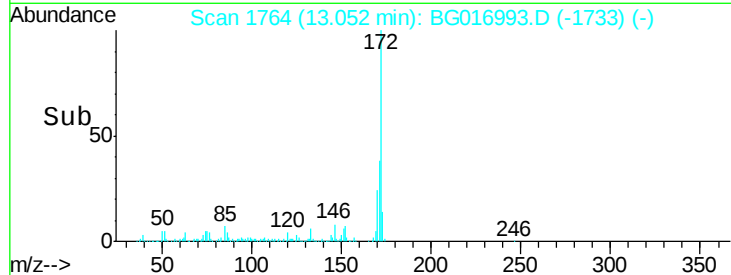
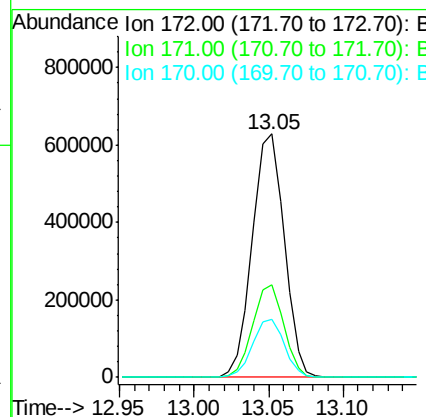
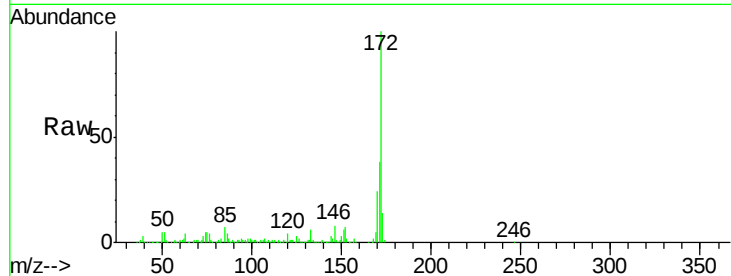




#44
 2-Fluorobiphenyl
 Concen: 105.00 ng
 RT: 13.05 min Scan# 1764
 Delta R.T. -0.02 min
 Lab File: BG016993.D
 Acq: 9 May 2015 17:29

Instrument :
 BNA_G
 ClientSampleId :
 PB83287BL

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	29.0	43.4
170	23.9	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: BG016993.D
 Acq: 9 May 2015 17:29

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.2	12.4
80	10.9	8.8	13.2

