

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\
 Data File : BG016929.D
 Acq On : 7 May 2015 18:20
 Operator : TP/IZ
 Sample : G2057-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MWJ-5

Quant Time: May 08 03:53:29 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 02:05:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	59572	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	250384	20.00	ng	0.00
38) Acenaphthene-d10	14.43	164	164159	20.00	ng	0.00
63) Phenanthrene-d10	17.18	188	384350	20.00	ng	0.00
75) Chrysene-d12	21.35	240	383536	20.00	ng	0.00
86) Perylene-d12	23.66	264	375340	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	242451	70.87	ng	0.00
7) Phenol-d6	6.96	99	205487	42.04	ng	0.00
23) Nitrobenzene-d5	8.96	82	487036	95.03	ng	0.00
41) 2,4,6-Tribromophenol	15.93	330	262585	159.34	ng	0.00
44) 2-Fluorobiphenyl	13.06	172	983485	90.41	ng	0.00
78) Terphenyl-d14	19.81	244	1532090	93.64	ng	0.00

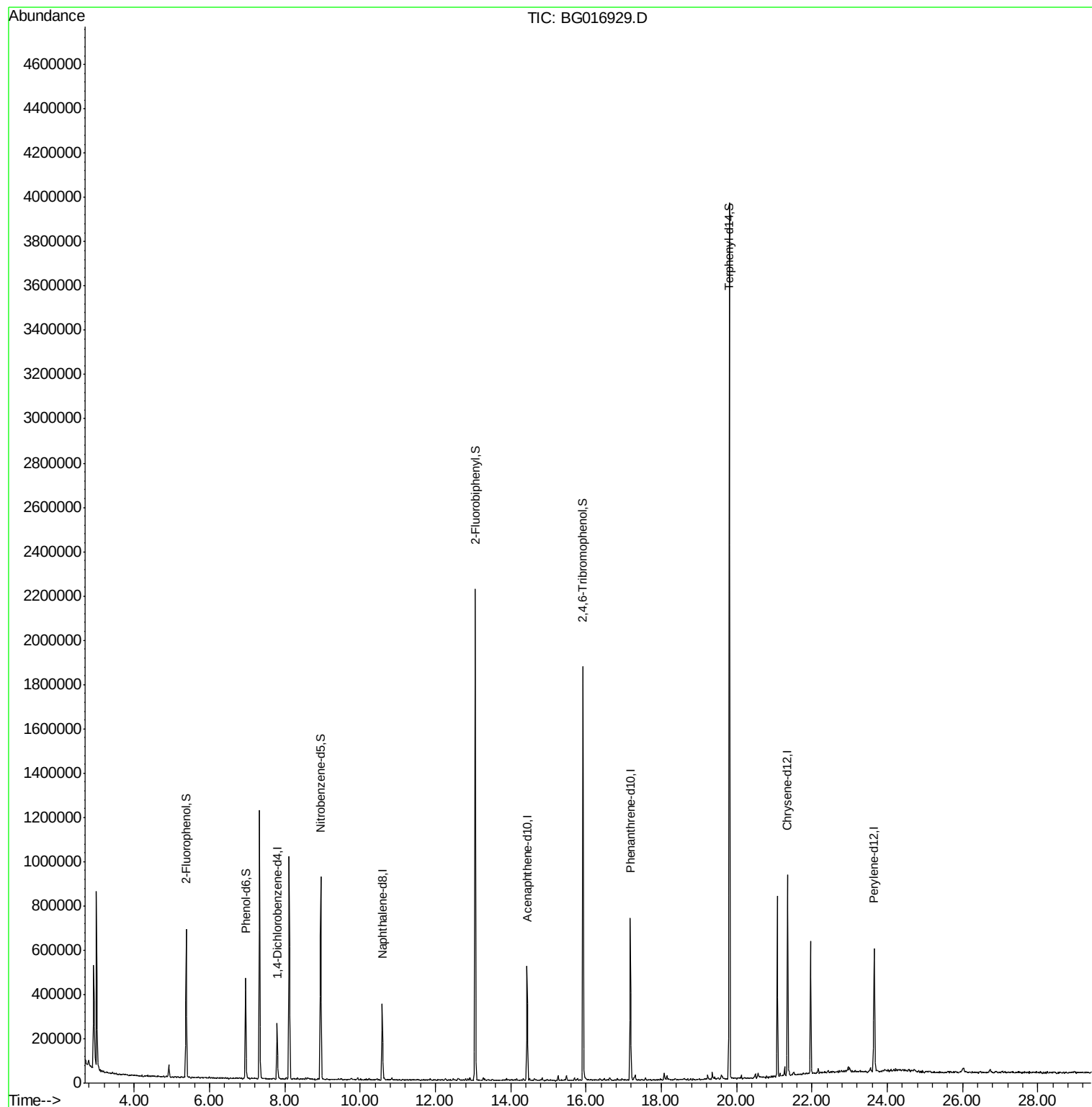
Target Compounds Qvalue

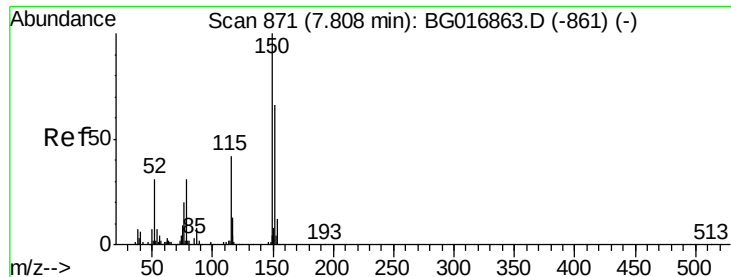
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.80 min Scan# 870

Delta R.T. 0.01 min

Lab File: BG016929.D

Acq: 7 May 2015 18:20

Instrument :

BNA_G

ClientSampleId :

MWJ-5

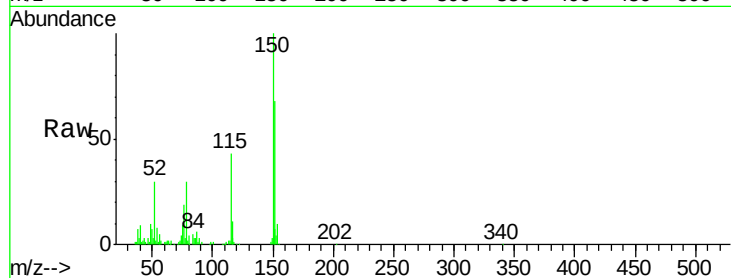
Tot Ion:152 Resp: 59572

Ion Ratio Lower Upper

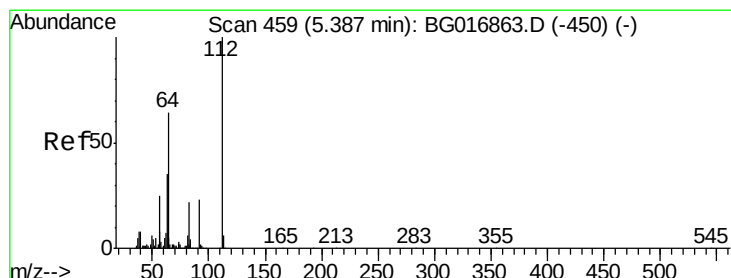
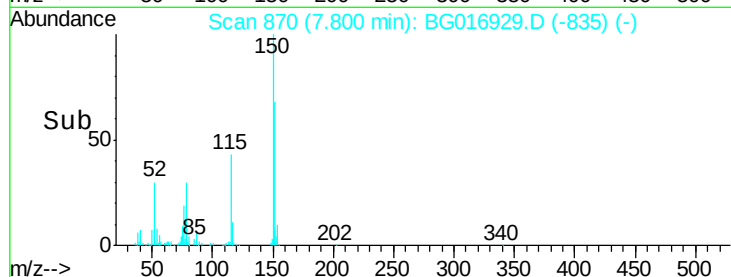
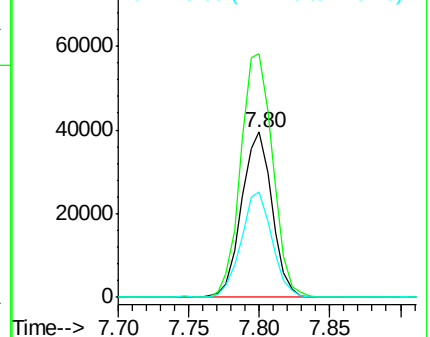
152 100

150 147.2 121.0 181.4

115 63.6 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: 70.87 ng

RT: 5.38 min Scan# 458

Delta R.T. 0.01 min

Lab File: BG016929.D

Acq: 7 May 2015 18:20

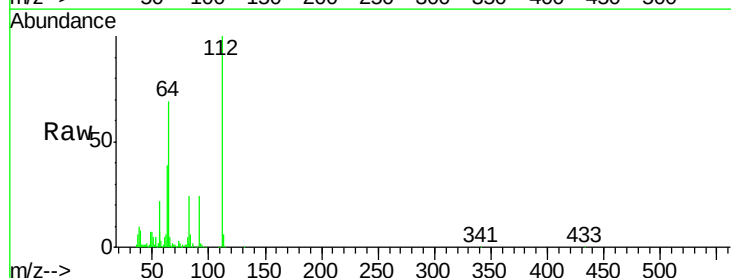
Tgt Ion:112 Resp: 242451

Ion Ratio Lower Upper

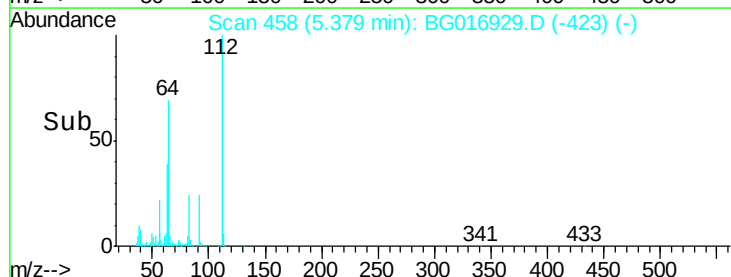
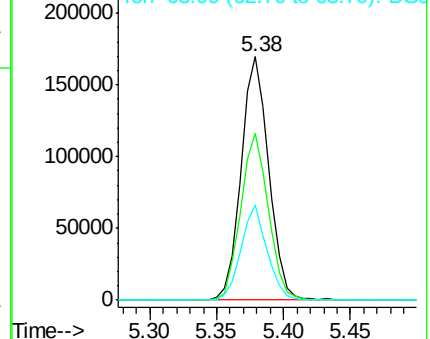
112 100

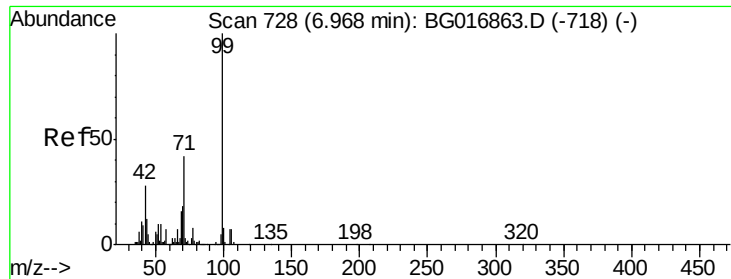
64 68.7 51.4 77.2

63 39.1 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: 42.04 ng

RT: 6.96 min Scan# 727

Delta R.T. 0.00 min

Lab File: BG016929.D

Acq: 7 May 2015 18:20

Instrument :

BNA_G

ClientSampleId :

MWJ-5

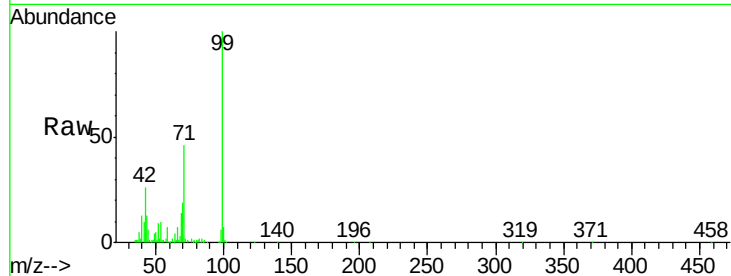
Tot Ion: 99 Resp: 205487

Ion Ratio Lower Upper

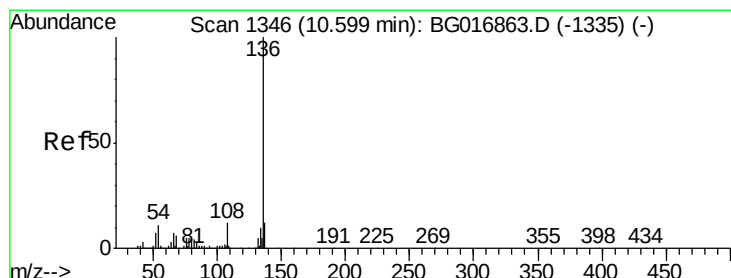
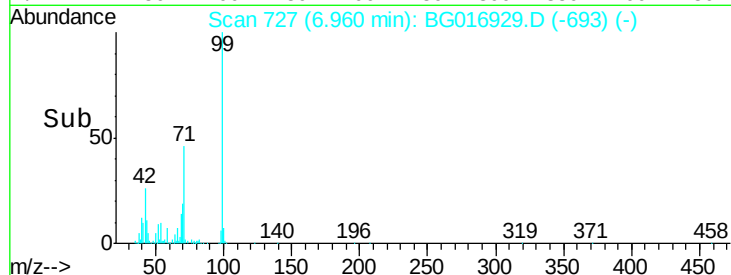
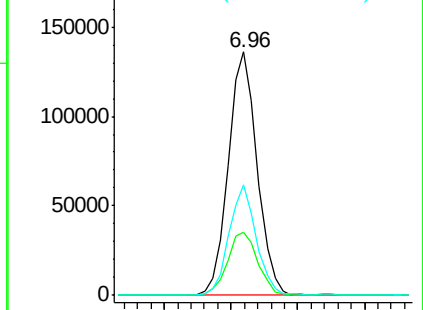
99 100

42 26.2 22.1 33.1

71 45.6 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# 1345

Delta R.T. 0.00 min

Lab File: BG016929.D

Acq: 7 May 2015 18:20

Tgt Ion: 136 Resp: 250384

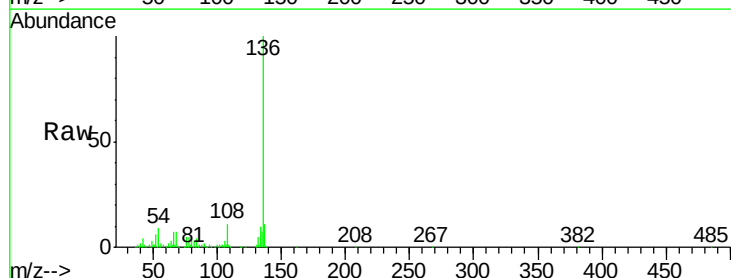
Ion Ratio Lower Upper

136 100

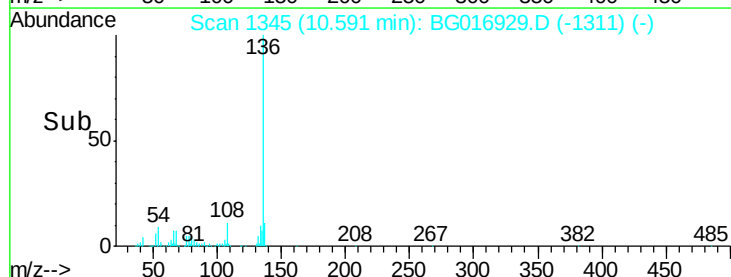
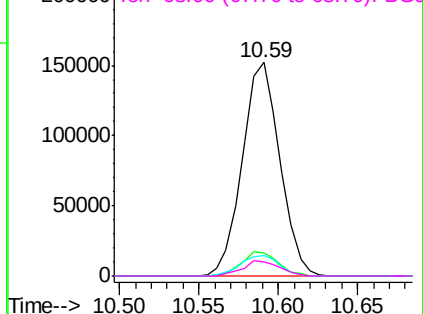
137 11.1 9.8 14.8

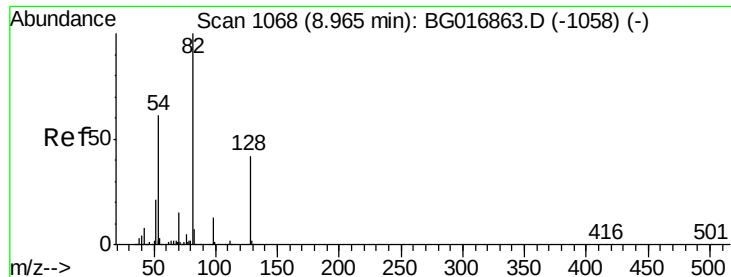
54 9.3 8.7 13.1

68 6.9 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

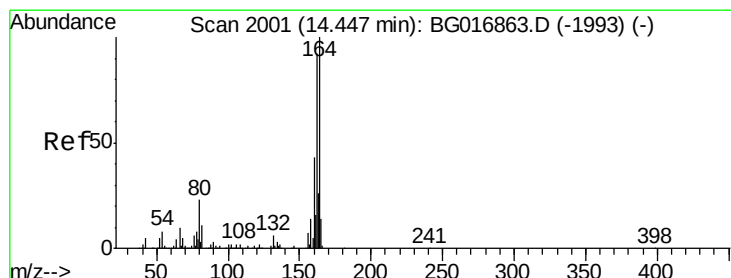
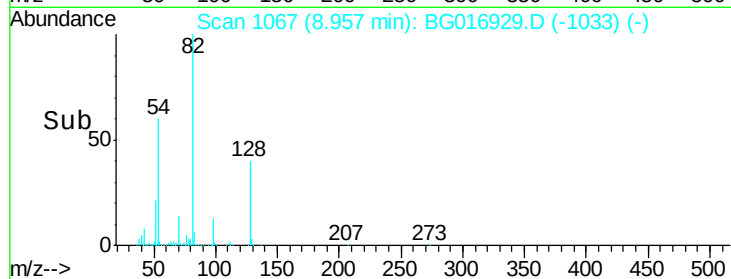
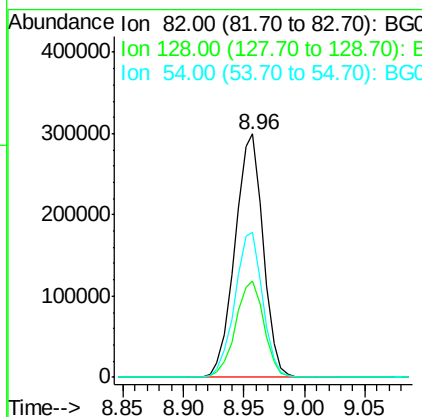
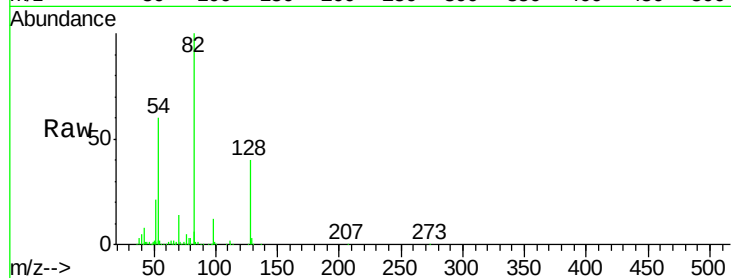




#23
 Nitrobenzene-d5
 Concen: 95.03 ng
 RT: 8.96 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: BG016929.D
 Acq: 7 May 2015 18:20

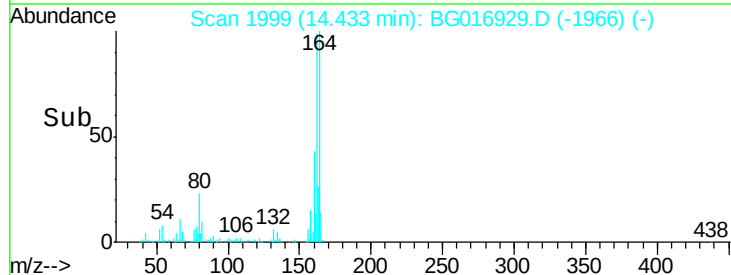
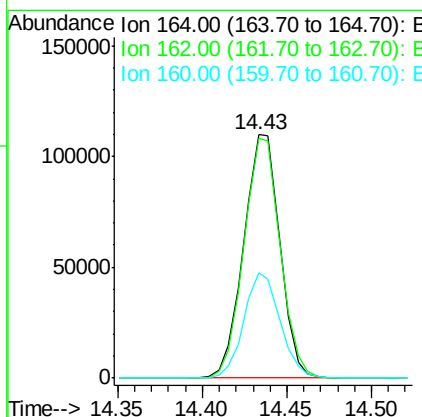
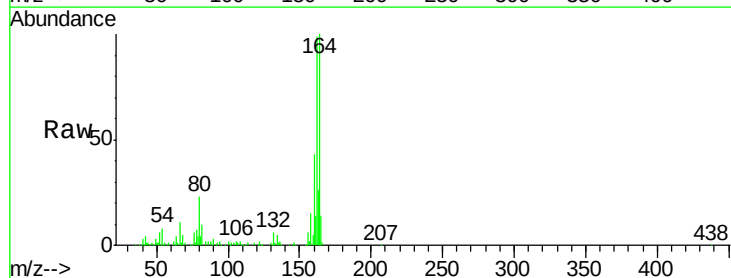
Instrument :
 BNA_G
 ClientSampleId :
 MWJ-5

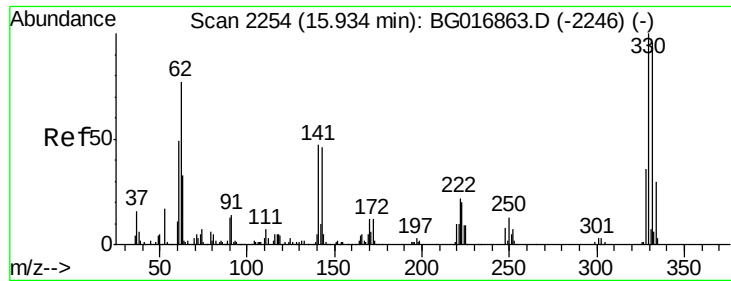
Tot Ion	82	Resp	487036
Ion Ratio	Lower	Upper	
82	100		
128	39.7	33.2	49.8
54	59.7	48.6	72.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.43 min Scan# 1999
 Delta R.T. -0.01 min
 Lab File: BG016929.D
 Acq: 7 May 2015 18:20

Tgt Ion	164	Resp	164159
Ion Ratio	Lower	Upper	
164	100		
162	98.6	74.0	111.0
160	43.5	34.7	52.1

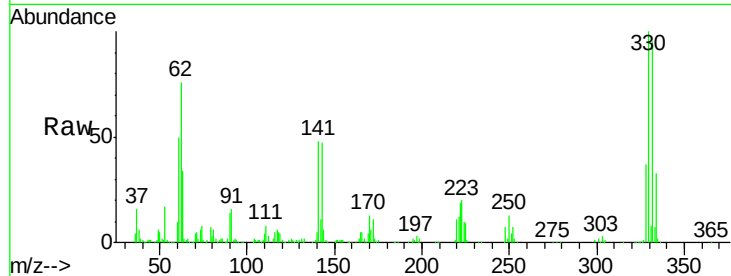




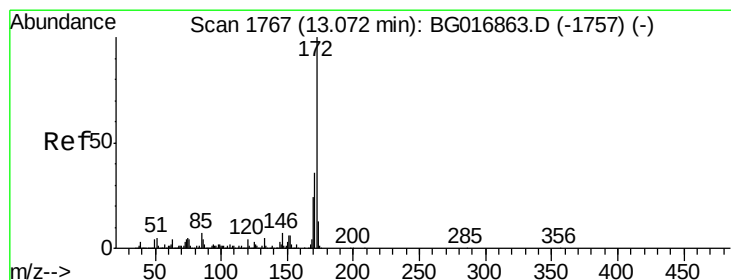
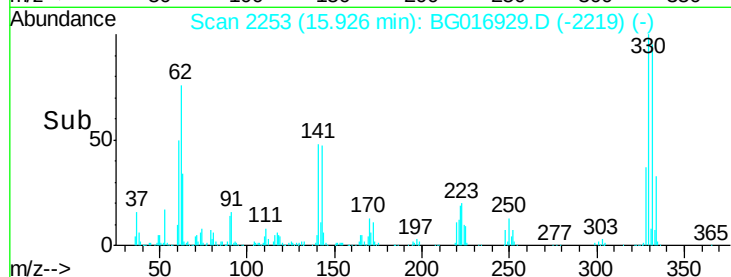
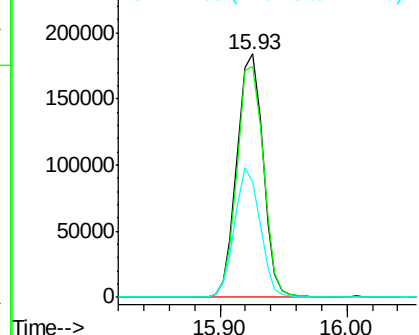
#41
2,4,6-Tribromophenol
Concen: 159.34 ng
RT: 15.93 min Scan# 2253
Delta R.T. 0.00 min
Lab File: BG016929.D
Acq: 7 May 2015 18:20

Instrument :
BNA_G
ClientSampled :
MWJ-5

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	0.0	0.0#
141	52.3	0.0	0.0#

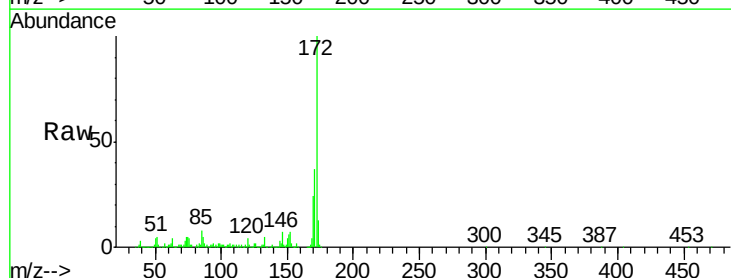


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

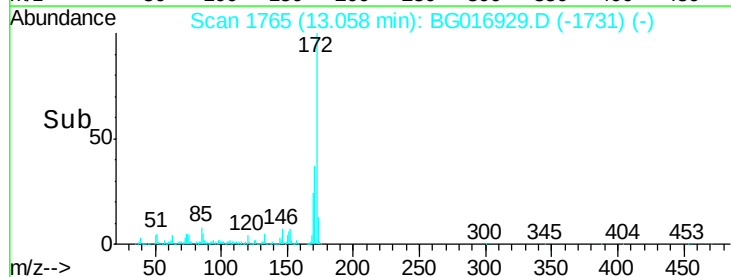
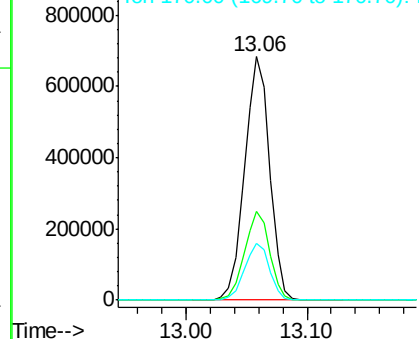


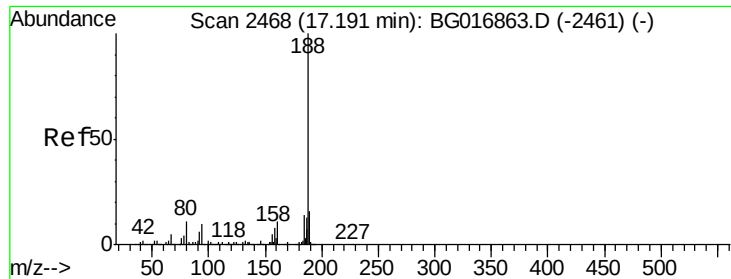
#44
2-Fluorobiphenyl
Concen: 90.41 ng
RT: 13.06 min Scan# 1765
Delta R.T. 0.00 min
Lab File: BG016929.D
Acq: 7 May 2015 18:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.0	43.4
170	23.5	19.0	28.4



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.18 min Scan# 2466

Delta R.T. -0.01 min

Lab File: BG016929.D

Acq: 7 May 2015 18:20

Instrument :

BNA_G

ClientSampleId :

MWJ-5

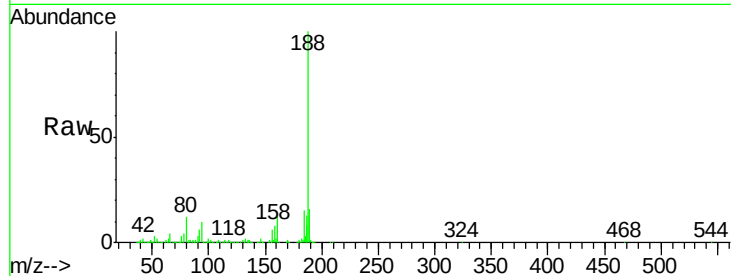
Tot Ion:188 Resp: 384350

Ion Ratio Lower Upper

188 100

94 9.7 8.2 12.4

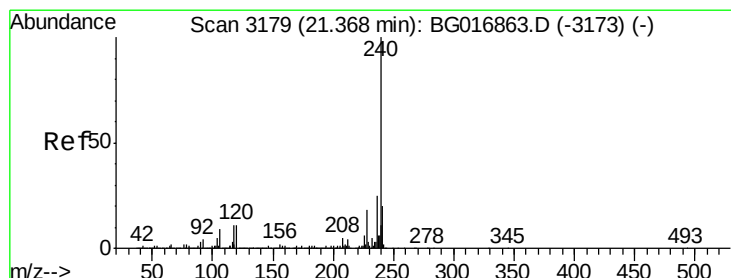
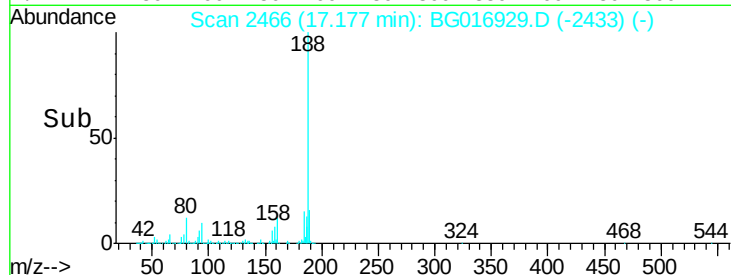
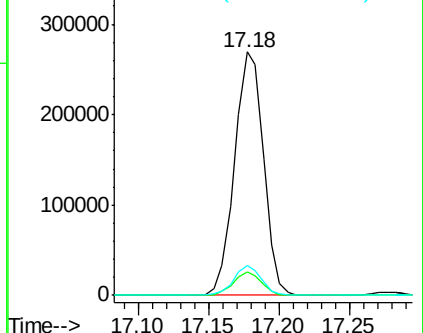
80 12.1 8.8 13.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.35 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG016929.D

Acq: 7 May 2015 18:20

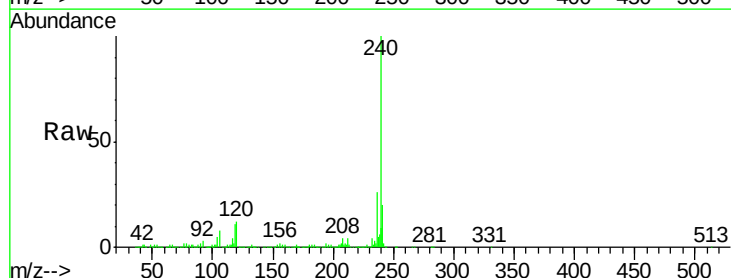
Tgt Ion:240 Resp: 383536

Ion Ratio Lower Upper

240 100

120 11.7 9.1 13.7

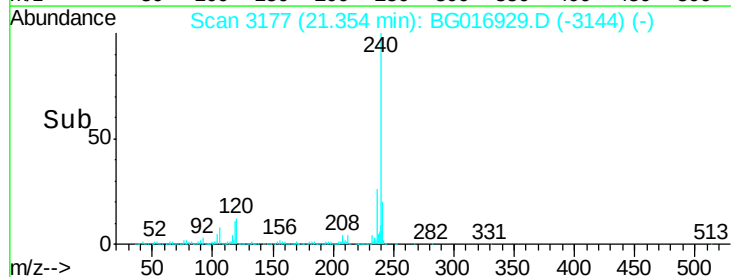
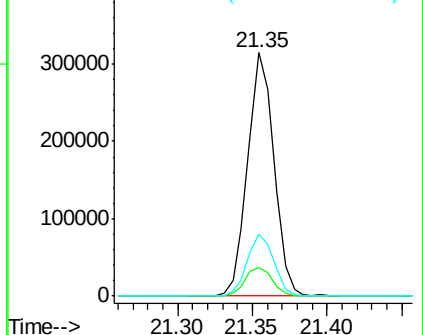
236 25.6 20.2 30.4

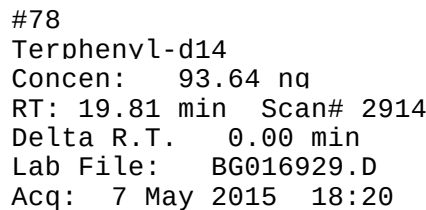


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

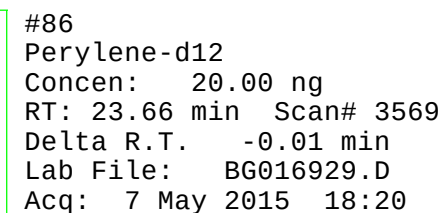
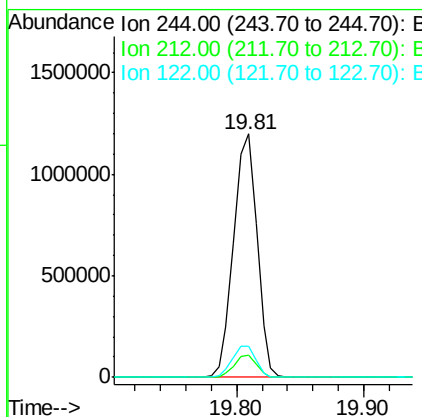
Ion 236.00 (235.70 to 236.70): E





4 Instrument :
BNA_G
ClientSampleId :
MWJ-5

Tot	Ion:244	Resp:	1532090
Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.6
122	12.5	10.4	15.6



Tgt	Ion:264	Resp:	375340
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.5	18.5	27.7

