

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
 Data File : BG017006.D
 Acq On : 10 May 2015 1:00
 Operator : TP/IZ
 Sample : G2104-04
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-104

Quant Time: May 11 01:24:46 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

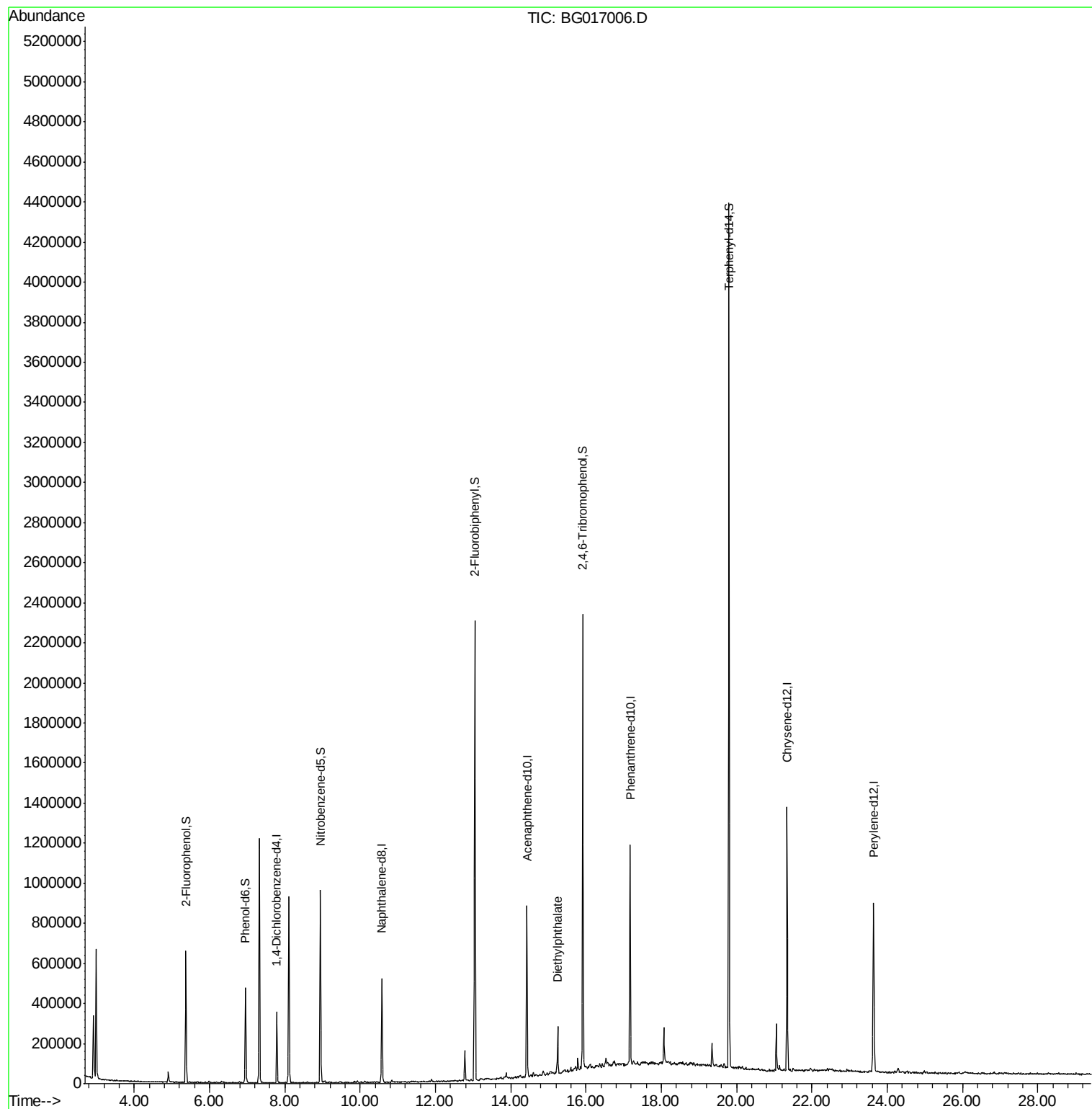
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	79155	20.00	ng	-0.02
21) Naphthalene-d8	10.58	136	376250	20.00	ng	-0.02
38) Acenaphthene-d10	14.43	164	258769	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	586209	20.00	ng	-0.02
75) Chrysene-d12	21.34	240	586648	20.00	ng	-0.03
86) Perylene-d12	23.64	264	573966	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	230644	50.74	ng	-0.01
7) Phenol-d6	6.95	99	223709	34.45	ng	-0.01
23) Nitrobenzene-d5	8.95	82	495383	64.32	ng	-0.02
41) 2,4,6-Tribromophenol	15.91	330	310413	119.49	ng	-0.02
44) 2-Fluorobiphenyl	13.05	172	1049325	61.19	ng	-0.02
78) Terphenyl-d14	19.80	244	1611873	64.41	ng	-0.02
Target Compounds						
32) Benzoic acid	9.86	122	81	Below Cal	Qvalue #	26
59) Diethylphthalate	15.25	149	107832	5.29 ng		97

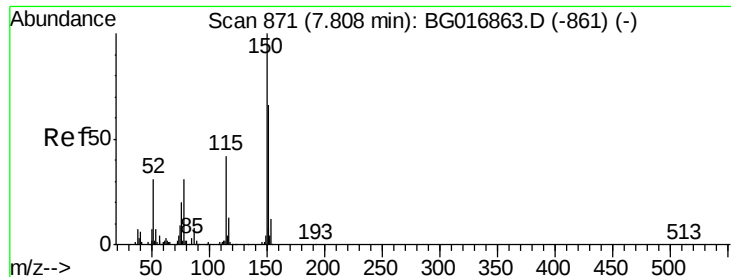
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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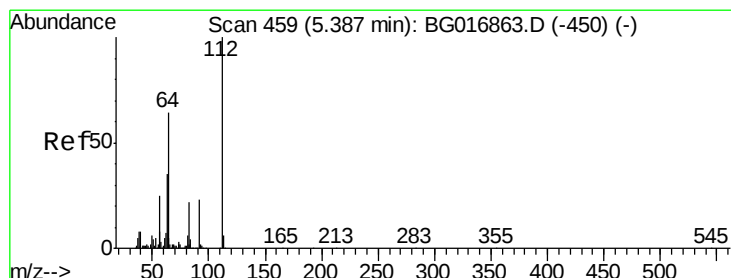
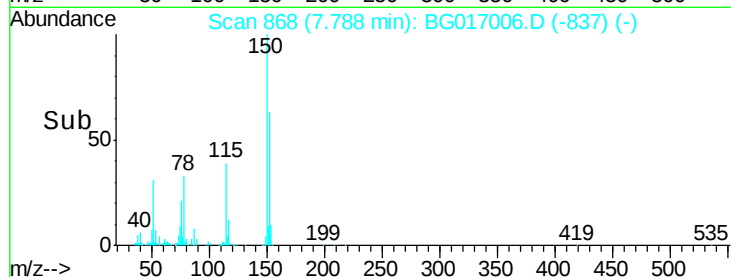
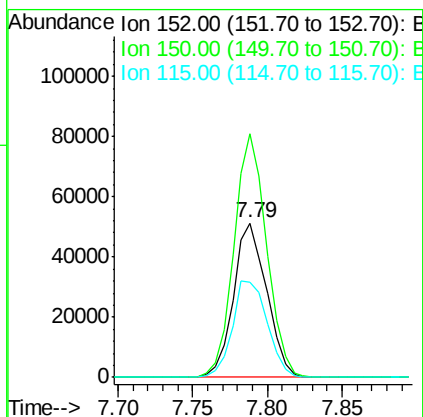
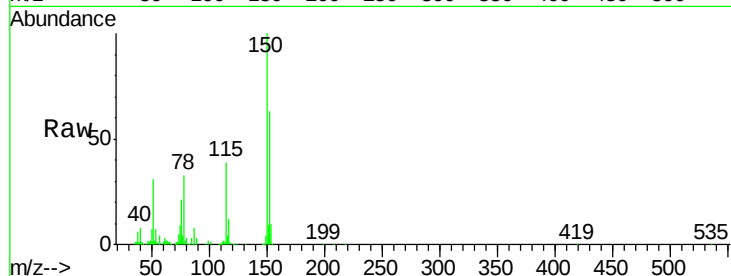


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.79 min Scan# 868
Delta R.T. -0.02 min
Lab File: BG017006.D
Acq: 10 May 2015 1:00

Instrument :
BNA_G
ClientSampleId :
MW-104

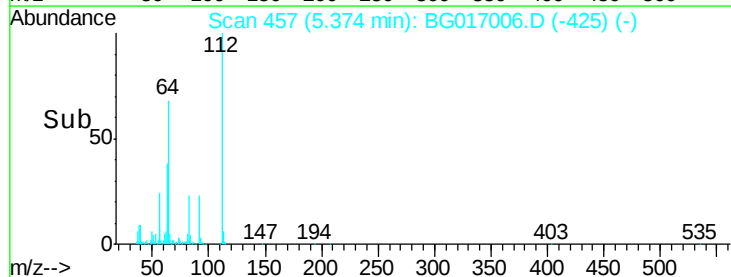
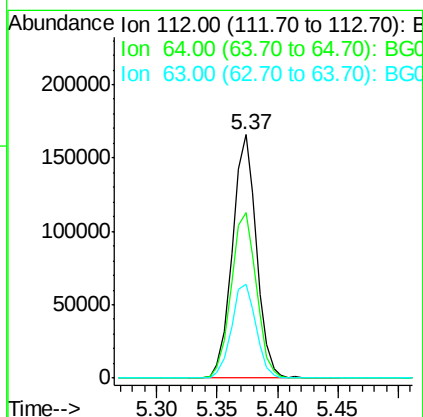
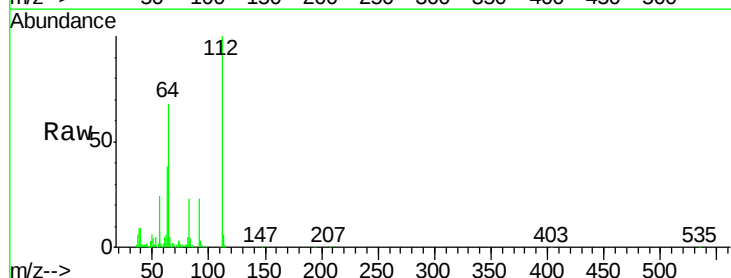
Tgt Ion:152 Resp: 79155
Ion Ratio Lower Upper
152 100
150 157.6 121.0 181.4
115 61.7 50.5 75.7

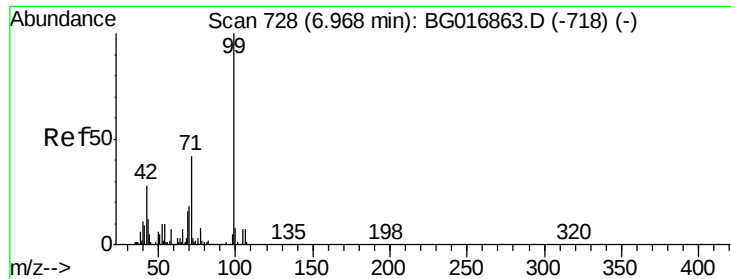


#5

2-Fluorophenol
Concen: 50.74 ng
RT: 5.37 min Scan# 457
Delta R.T. -0.01 min
Lab File: BG017006.D
Acq: 10 May 2015 1:00

Tgt Ion:112 Resp: 230644
Ion Ratio Lower Upper
112 100
64 67.9 51.4 77.2
63 38.4 28.1 42.1





#7

Phenol-d6

Concen: 34.45 ng

RT: 6.95 min Scan# 726

Delta R.T. -0.01 min

Lab File: BG017006.D

Acq: 10 May 2015 1:00

Instrument :

BNA_G

ClientSampleId :

MW-104

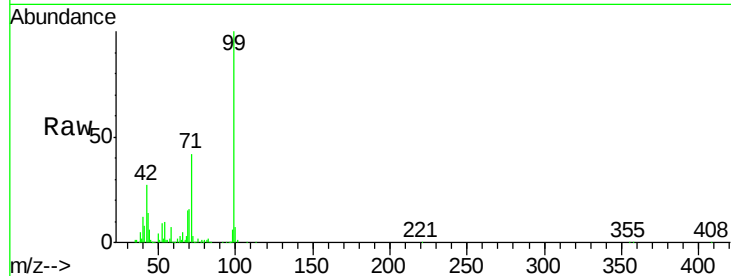
Tgt Ion: 99 Resp: 223709

Ion Ratio Lower Upper

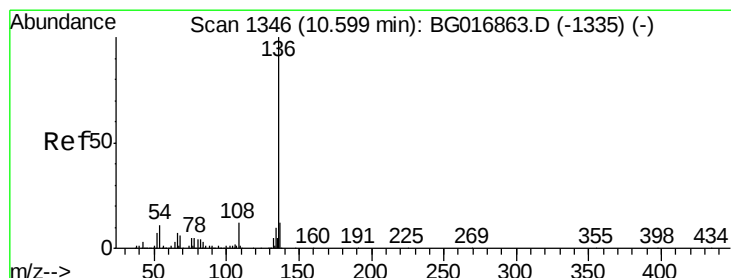
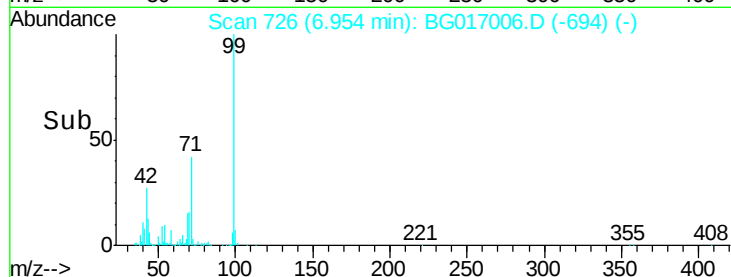
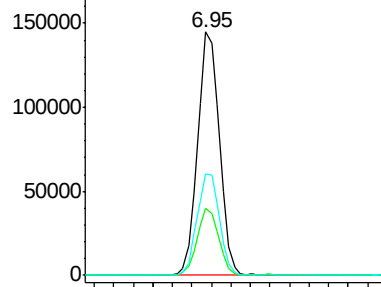
99 100

42 27.4 22.1 33.1

71 41.9 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: BG017006.D

Acq: 10 May 2015 1:00

Tgt Ion: 136 Resp: 376250

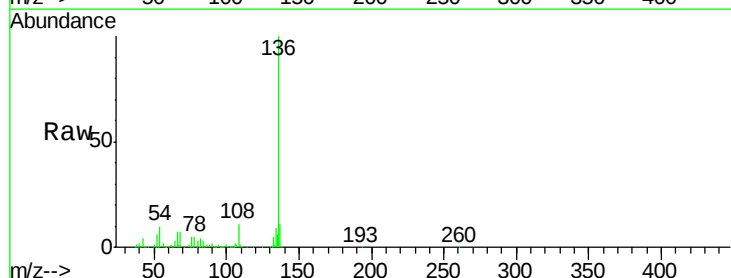
Ion Ratio Lower Upper

136 100

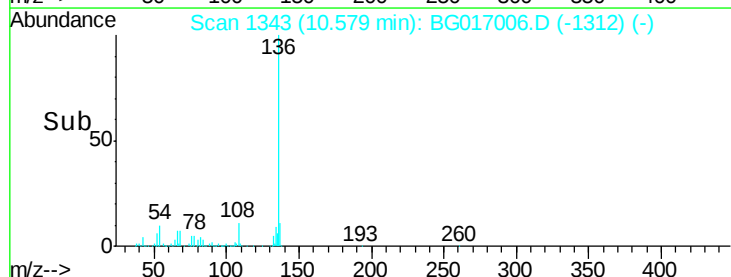
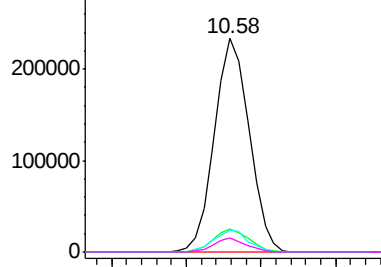
137 10.6 9.8 14.8

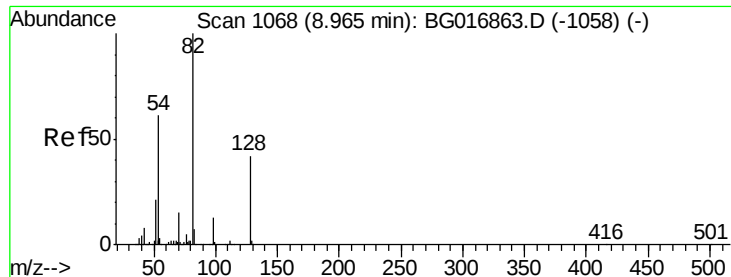
54 10.1 8.7 13.1

68 6.8 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

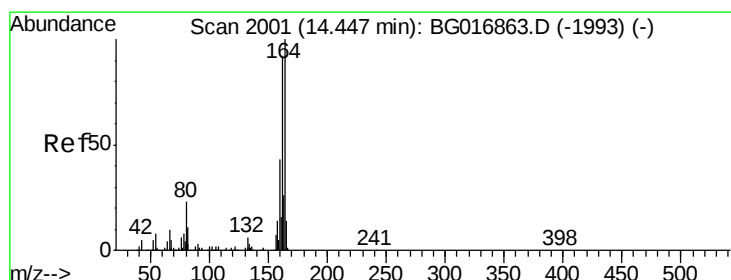
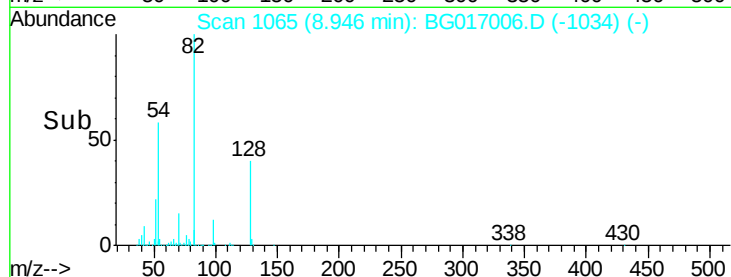
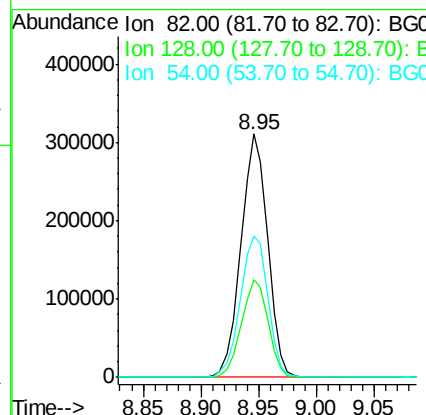
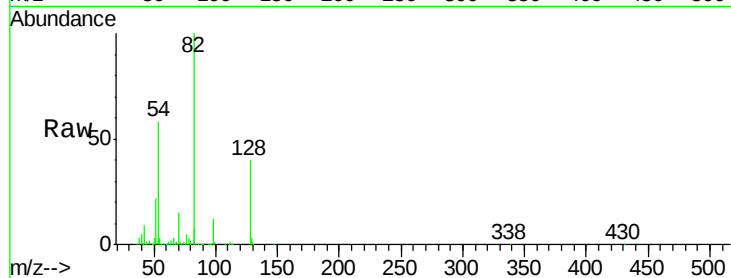




#23
 Nitrobenzene-d5
 Concen: 64.32 ng
 RT: 8.95 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BG017006.D
 Acq: 10 May 2015 1:00

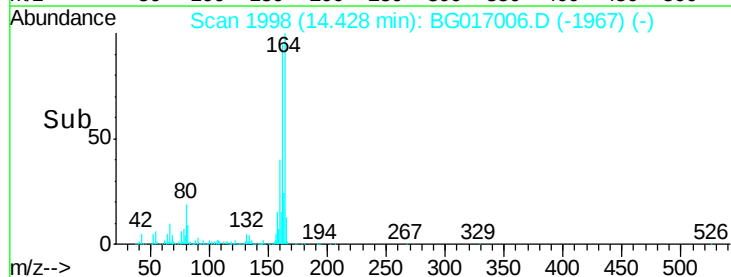
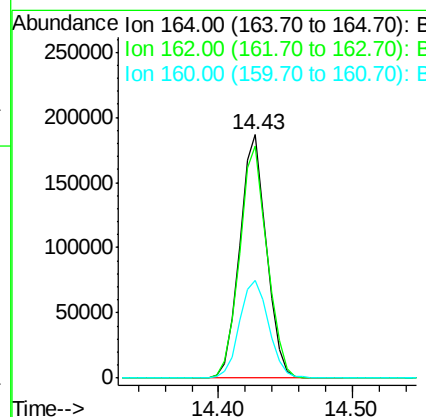
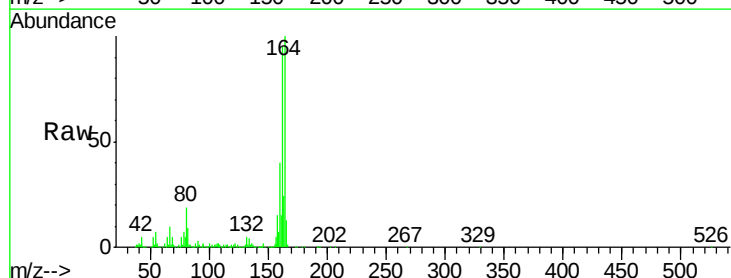
Instrument :
 BNA_G
 ClientSampleId :
 MW-104

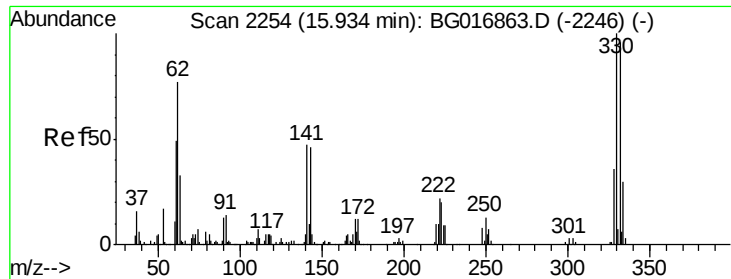
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.3	33.2	49.8
54	58.1	48.6	72.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.43 min Scan# 1998
 Delta R.T. -0.02 min
 Lab File: BG017006.D
 Acq: 10 May 2015 1:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.1	74.0	111.0
160	40.3	34.7	52.1

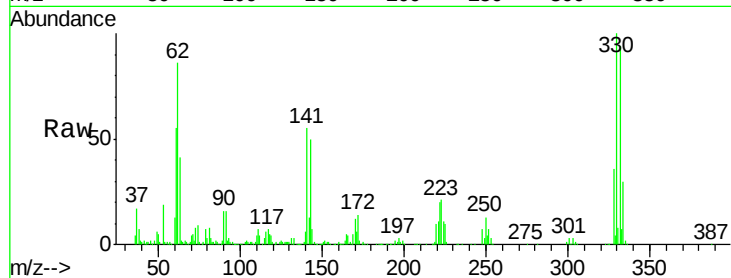




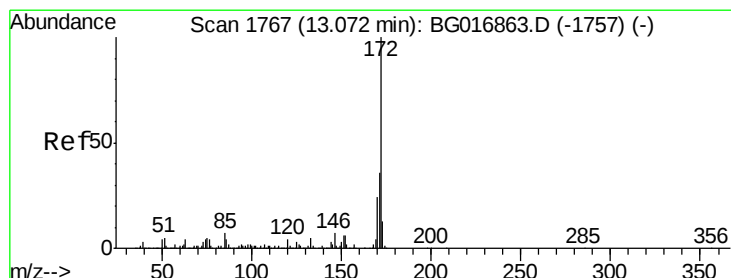
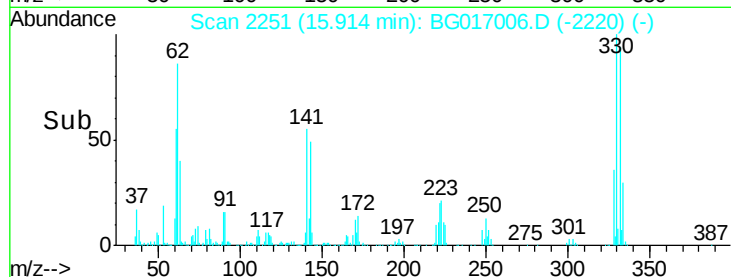
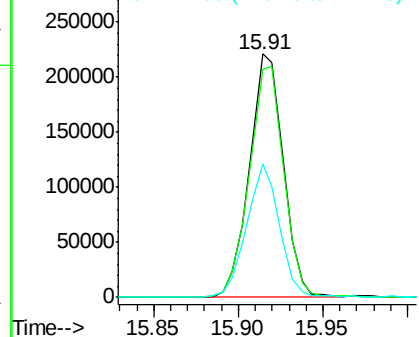
#41
 2,4,6-Tribromophenol
 Concen: 119.49 ng
 RT: 15.91 min Scan# 2251
 Delta R.T. -0.02 min
 Lab File: BG017006.D
 Acq: 10 May 2015 1:00

Instrument :
 BNA_G
 ClientSampleId :
 MW-104

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	51.7	0.0	0.0#

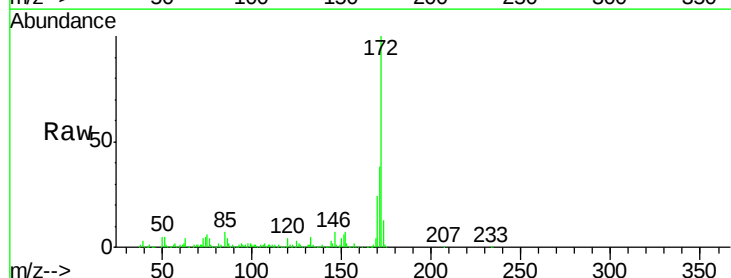


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

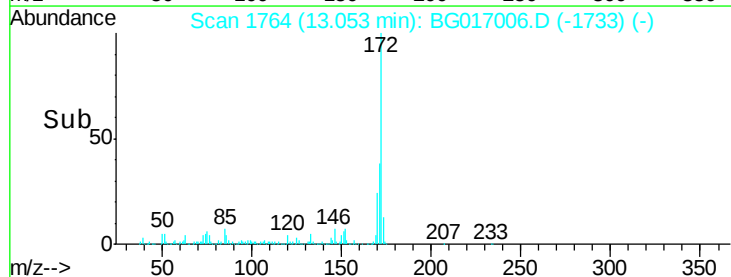
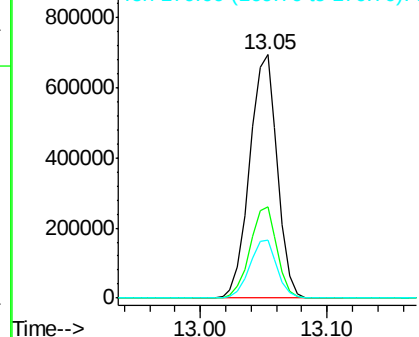


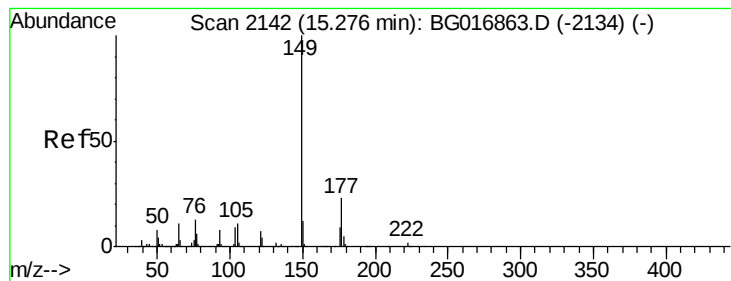
#44
 2-Fluorobiphenyl
 Concen: 61.19 ng
 RT: 13.05 min Scan# 1764
 Delta R.T. -0.02 min
 Lab File: BG017006.D
 Acq: 10 May 2015 1:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.0	43.4
170	24.0	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





#59

Diethylphthalate

Concen: 5.29 ng

RT: 15.25 min Scan# 2138

Delta R.T. -0.03 min

Lab File: BG017006.D

Acq: 10 May 2015 1:00

Instrument :

BNA_G

ClientSampleId :

MW-104

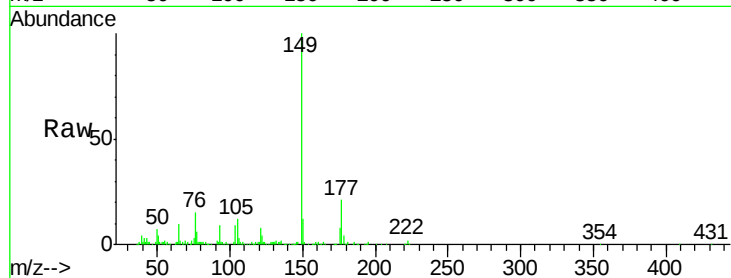
Tgt Ion:149 Resp: 107832

Ion Ratio Lower Upper

149 100

177 21.4 18.6 27.8

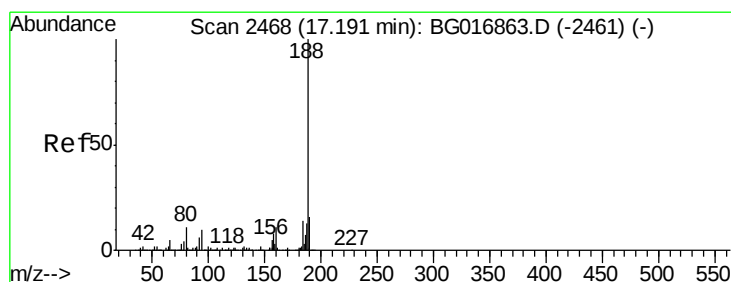
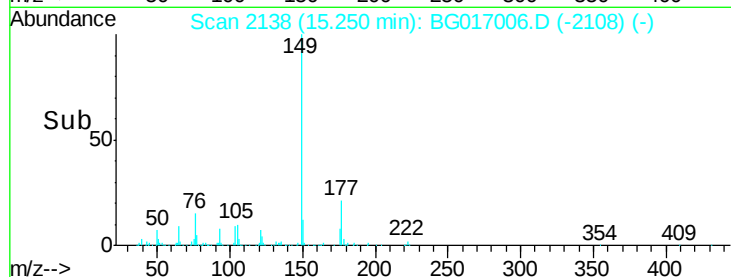
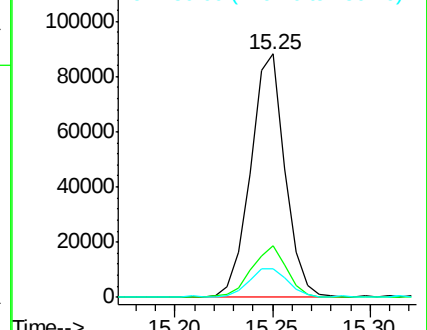
150 11.9 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.17 min Scan# 2465

Delta R.T. -0.02 min

Lab File: BG017006.D

Acq: 10 May 2015 1:00

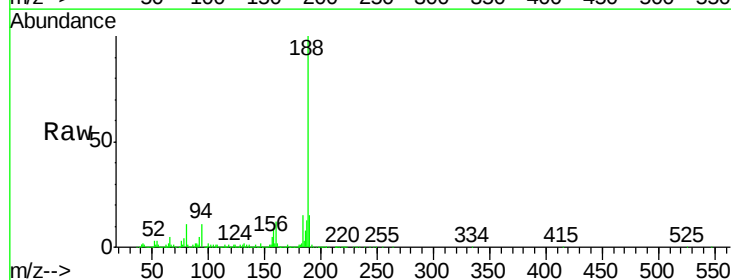
Tgt Ion:188 Resp: 586209

Ion Ratio Lower Upper

188 100

94 10.7 8.2 12.4

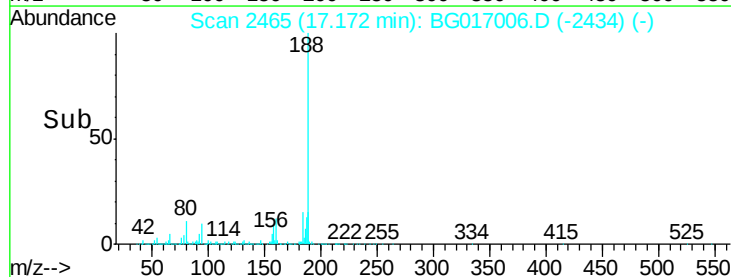
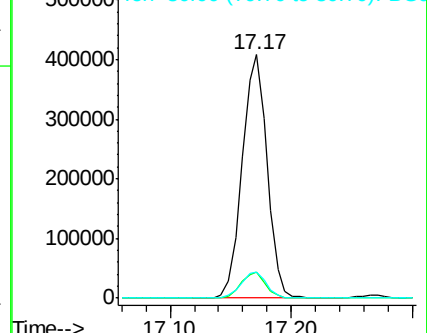
80 10.8 8.8 13.2

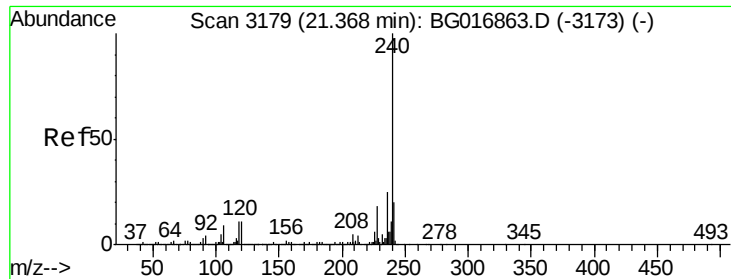


Abundance Ion 188.00 (187.70 to 188.70): E

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. -0.03 min

Lab File: BG017006.D

Acq: 10 May 2015 1:00

Instrument :

BNA_G

ClientSampled :

MW-104

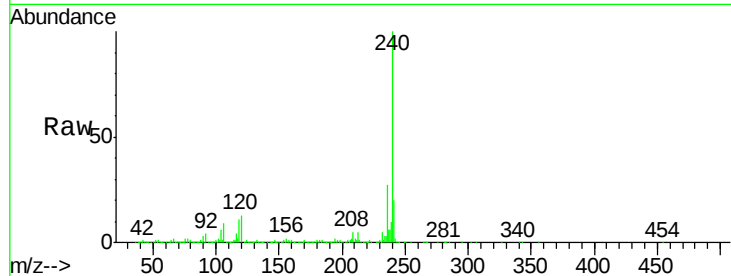
Tgt Ion:240 Resp: 586648

Ion Ratio Lower Upper

240 100

120 12.8 9.1 13.7

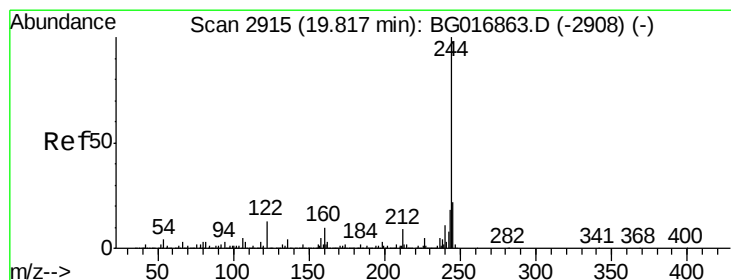
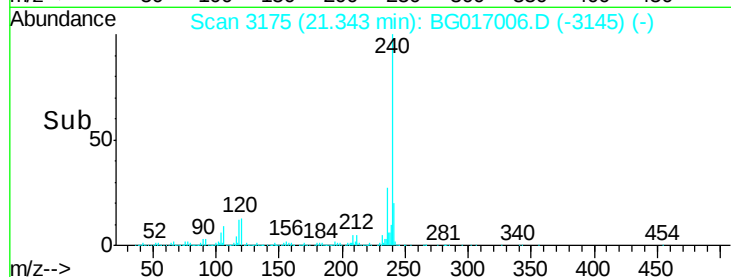
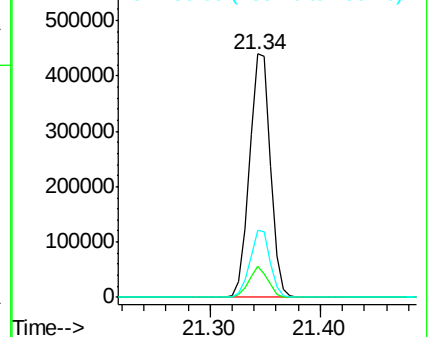
236 27.3 20.2 30.4



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: 64.41 ng

RT: 19.80 min Scan# 2912

Delta R.T. -0.02 min

Lab File: BG017006.D

Acq: 10 May 2015 1:00

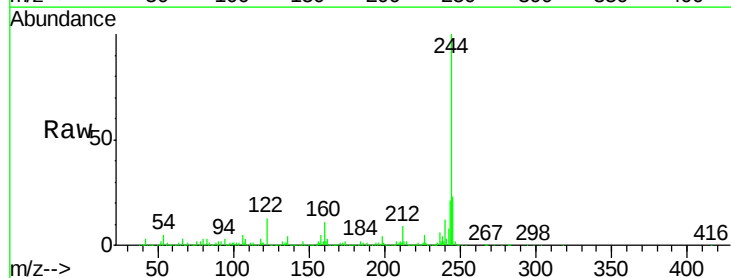
Tgt Ion:244 Resp: 1611873

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.6

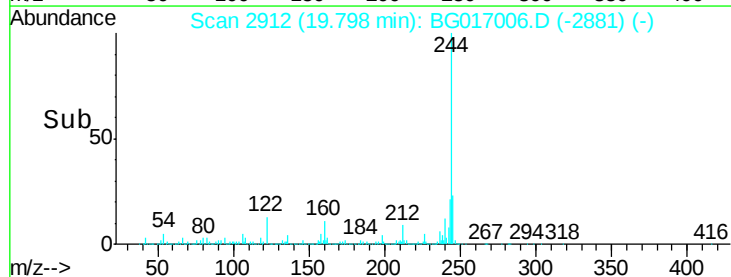
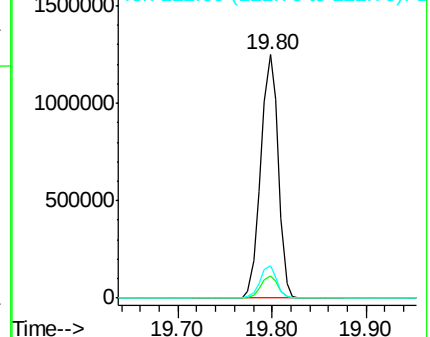
122 13.4 10.4 15.6

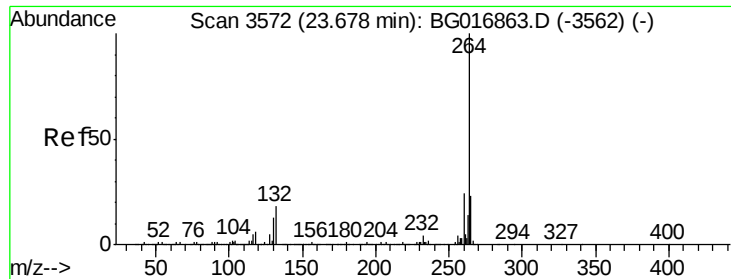


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

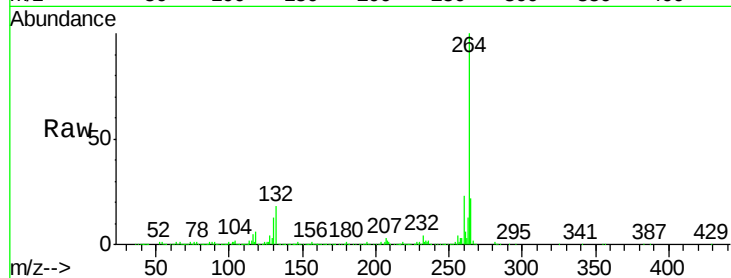




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.64 min Scan# 3566
Delta R.T. -0.04 min
Lab File: BG017006.D
Acq: 10 May 2015 1:00

Instrument :
BNA_G
ClientSampleId :
MW-104

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.5	29.3
265	21.9	18.5	27.7



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

