

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051115\
 Data File : BG017070.D
 Acq On : 12 May 2015 3:19
 Operator : TP/IZ
 Sample : G2143-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-14

Quant Time: May 12 05:28:01 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 04:56:17 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	56613	20.00	ng	0.00
21) Naphthalene-d8	10.55	136	247874	20.00	ng	0.00
38) Acenaphthene-d10	14.40	164	159352	20.00	ng	0.00
63) Phenanthrene-d10	17.15	188	362641	20.00	ng	0.00
75) Chrysene-d12	21.33	240	379645	20.00	ng	0.00
86) Perylene-d12	23.62	264	368430	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	223178	68.64	ng	0.00
7) Phenol-d6	6.95	99	188140	40.50	ng	0.00
23) Nitrobenzene-d5	8.92	82	453141	89.31	ng	0.00
41) 2,4,6-Tribromophenol	15.90	330	276530	172.86	ng	0.00
44) 2-Fluorobiphenyl	13.02	172	934078	88.45	ng	0.00
78) Terphenyl-d14	19.78	244	1479477	91.36	ng	0.00

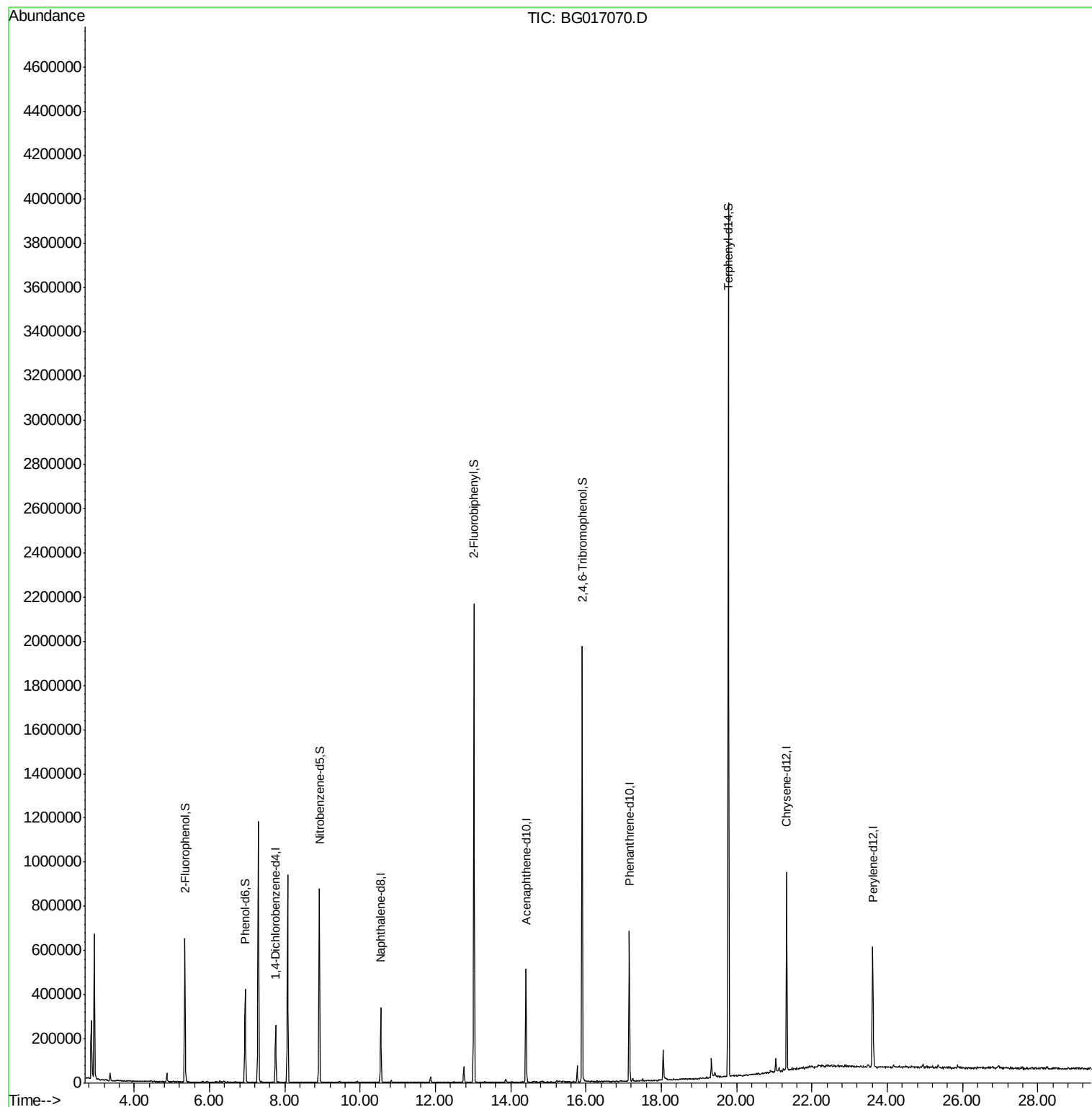
Target Compounds Qvalue

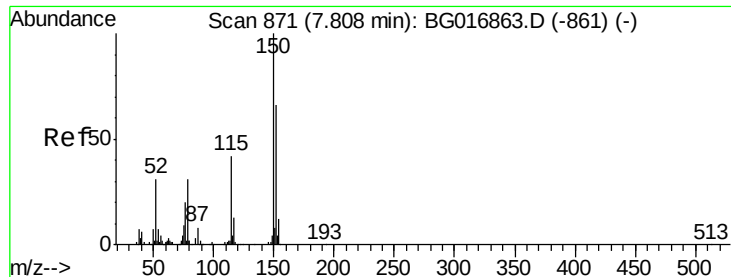
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.75 min Scan# 862

Delta R.T. -0.00 min

Lab File: BG017070.D

Acq: 12 May 2015 3:19

Instrument :

BNA_G

ClientSampleId :

MW-14

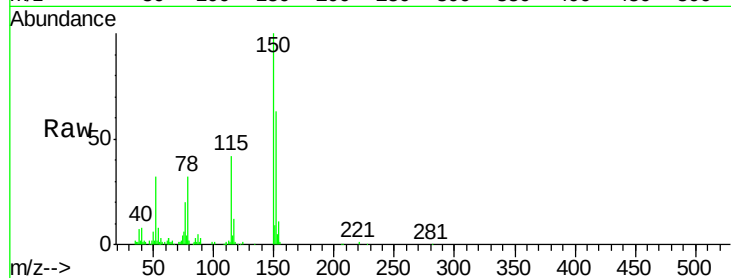
Tot Ion:152 Resp: 56613

Ion Ratio Lower Upper

152 100

150 157.8 121.0 181.4

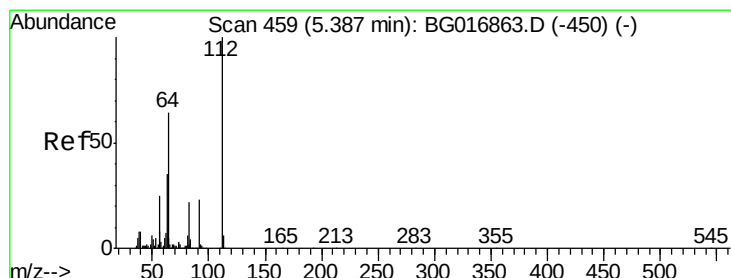
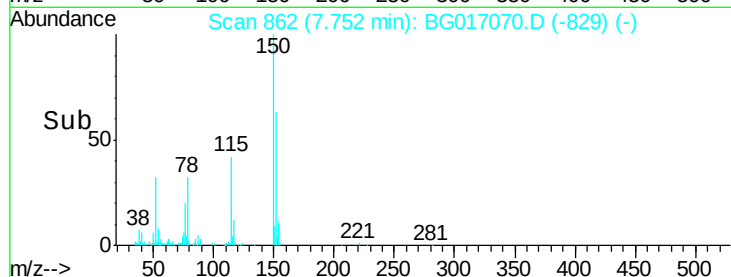
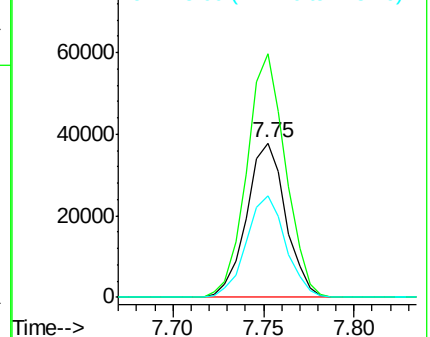
115 66.1 50.5 75.7



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: 68.64 ng

RT: 5.34 min Scan# 452

Delta R.T. -0.00 min

Lab File: BG017070.D

Acq: 12 May 2015 3:19

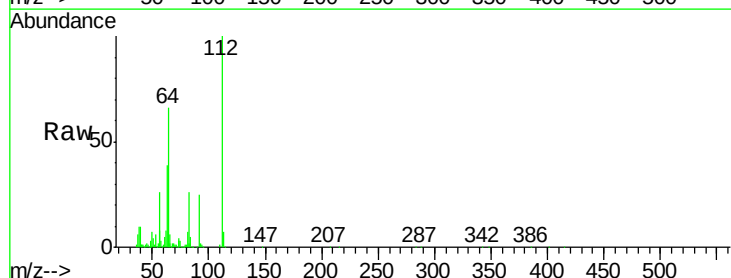
Tgt Ion:112 Resp: 223178

Ion Ratio Lower Upper

112 100

64 66.1 51.4 77.2

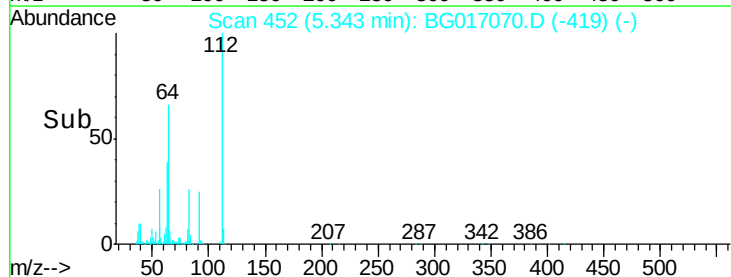
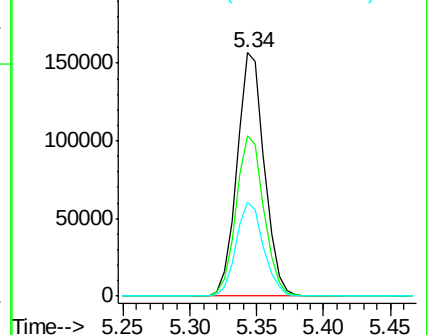
63 38.8 28.1 42.1

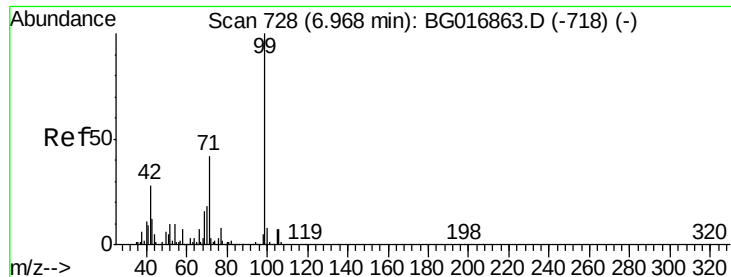


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 40.50 ng

RT: 6.95 min Scan# 725

Delta R.T. 0.00 min

Lab File: BG017070.D

Acq: 12 May 2015 3:19

Instrument :

BNA_G

ClientSampleId :

MW-14

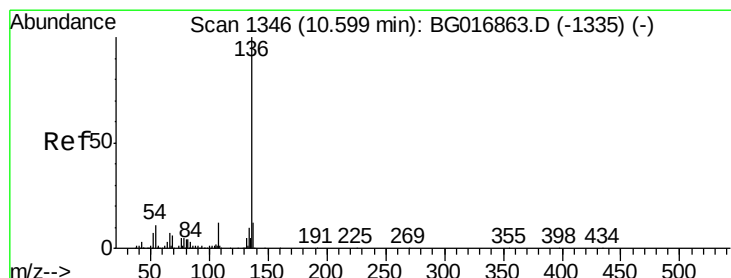
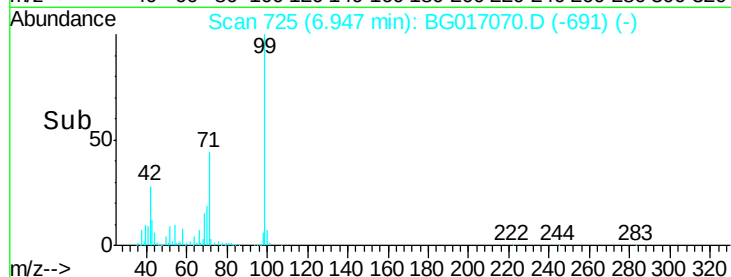
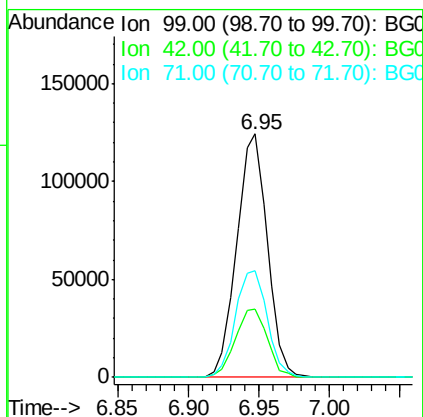
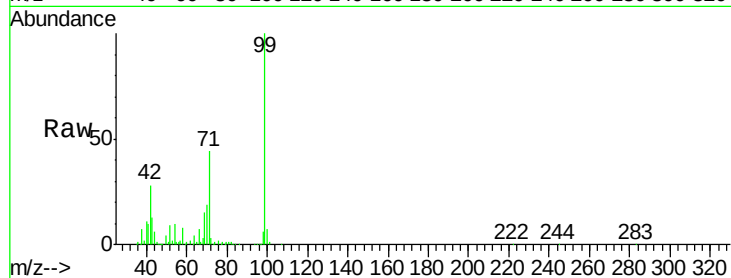
Tot Ion: 99 Resp: 188140

Ion Ratio Lower Upper

99 100

42 27.9 22.1 33.1

71 44.1 33.4 50.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.55 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BG017070.D

Acq: 12 May 2015 3:19

Tgt Ion: 136 Resp: 247874

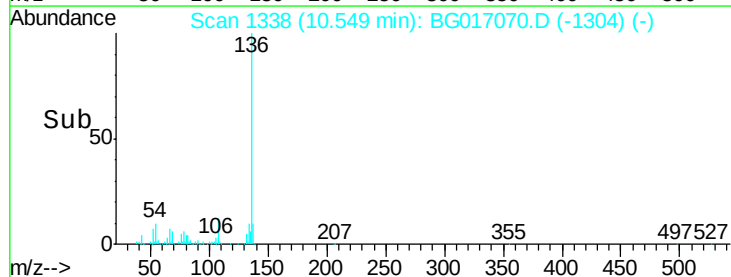
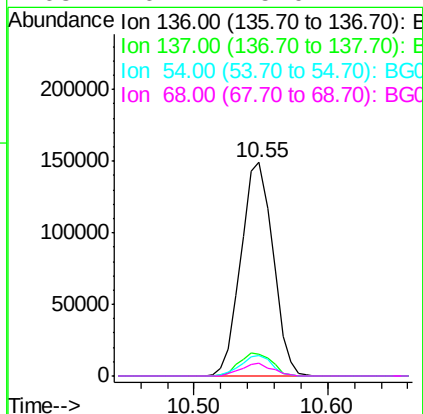
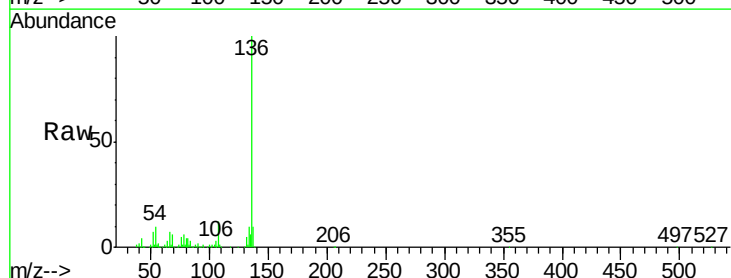
Ion Ratio Lower Upper

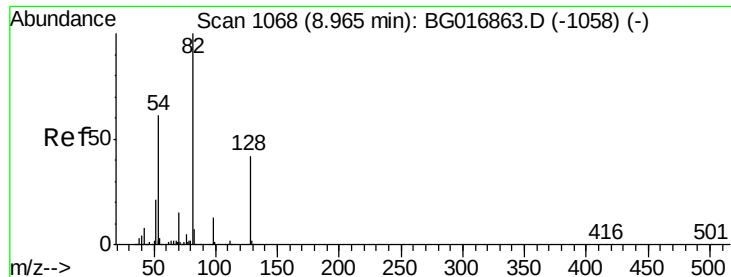
136 100

137 10.5 9.8 14.8

54 9.7 8.7 13.1

68 6.2 5.0 7.4

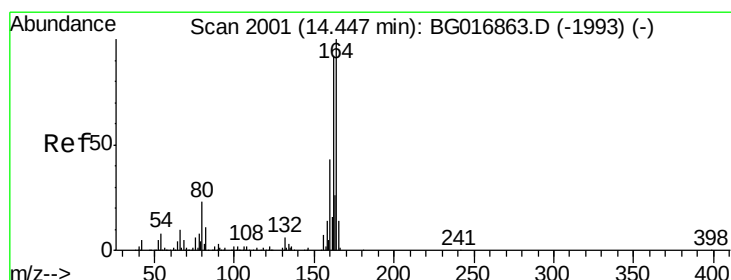
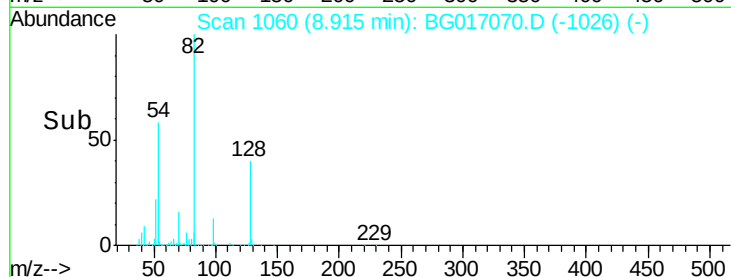
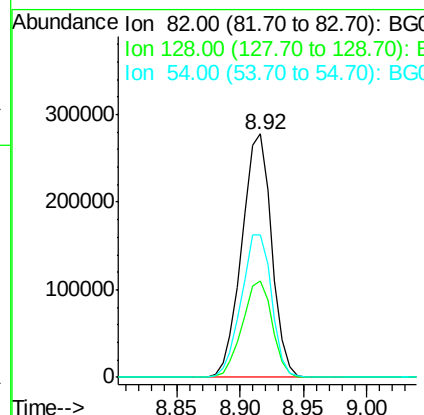
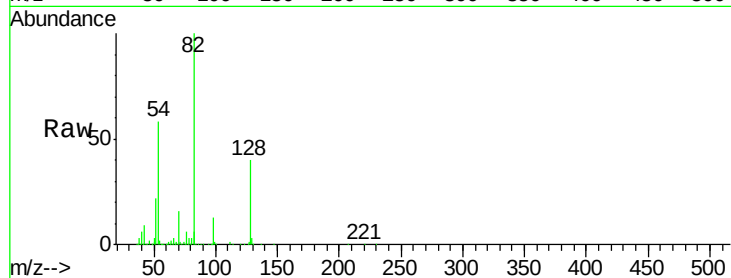




#23
 Nitrobenzene-d5
 Concen: 89.31 ng
 RT: 8.92 min Scan# 1060
 Delta R.T. 0.00 min
 Lab File: BG017070.D
 Acq: 12 May 2015 3:19

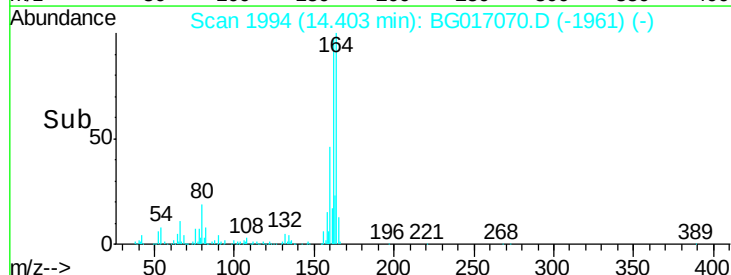
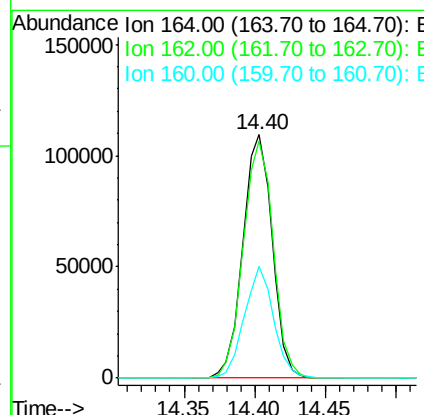
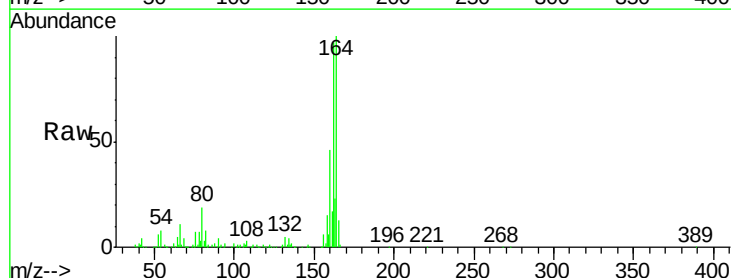
Instrument :
 BNA_G
 ClientSampleId :
 MW-14

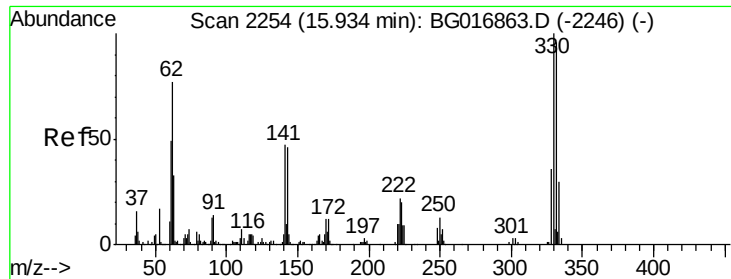
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.8	33.2	49.8
54	58.4	48.6	72.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.40 min Scan# 1994
 Delta R.T. -0.00 min
 Lab File: BG017070.D
 Acq: 12 May 2015 3:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.4	74.0	111.0
160	45.8	34.7	52.1

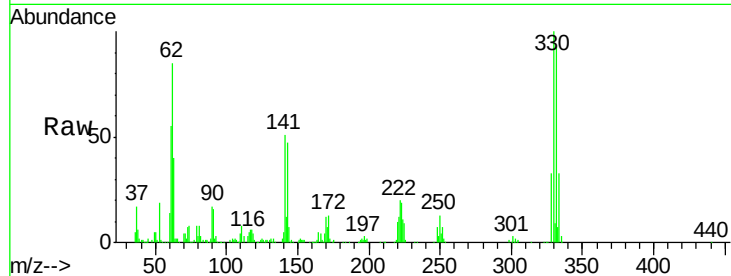




#41
 2,4,6-Tribromophenol
 Concen: 172.86 ng
 RT: 15.90 min Scan# 2248
 Delta R.T. -0.00 min
 Lab File: BG017070.D
 Acq: 12 May 2015 3:19

Instrument :
 BNA_G
 ClientSampleId :
 MW-14

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	0.0	0.0#
141	49.5	0.0	0.0#

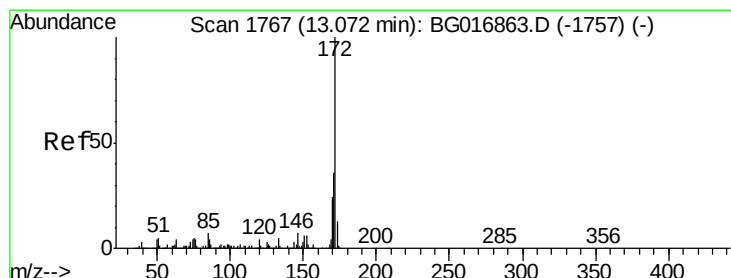
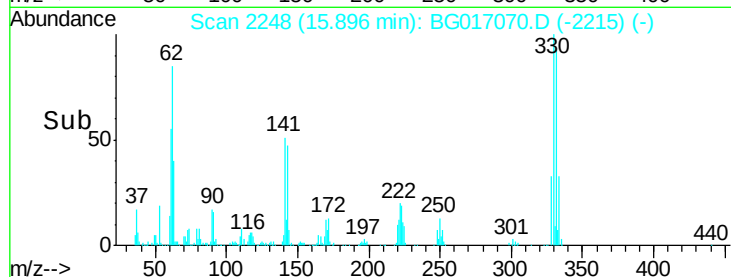
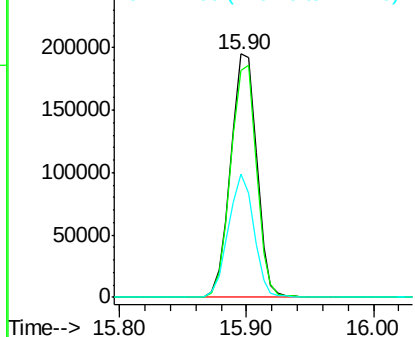


Abundance

Ion 329.80 (329.50 to 330.50): E

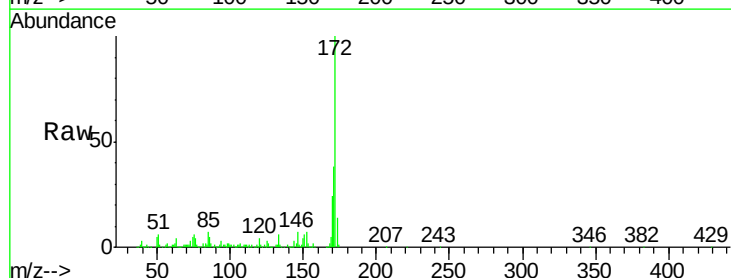
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 88.45 ng
 RT: 13.02 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: BG017070.D
 Acq: 12 May 2015 3:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.0	43.4
170	24.1	19.0	28.4

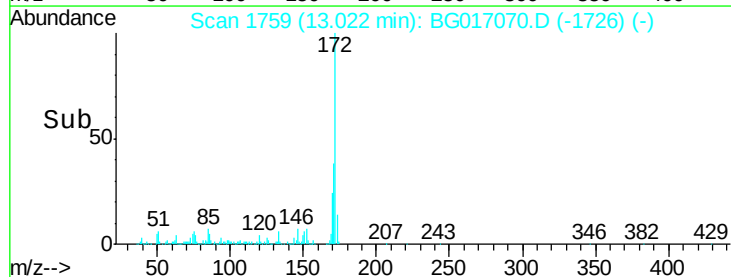
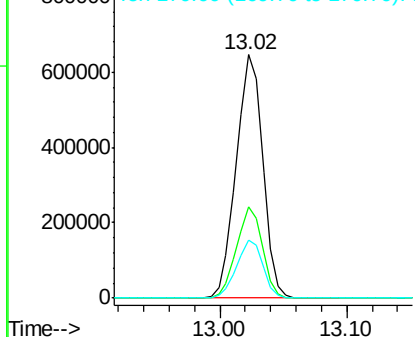


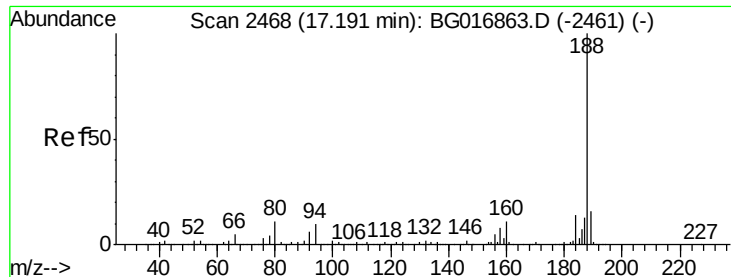
Abundance

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: 17.15 min Scan# 2461

Delta R.T. -0.00 min

Lab File: BG017070.D

Acq: 12 May 2015 3:19

Instrument :

BNA_G

ClientSampleId :

MW-14

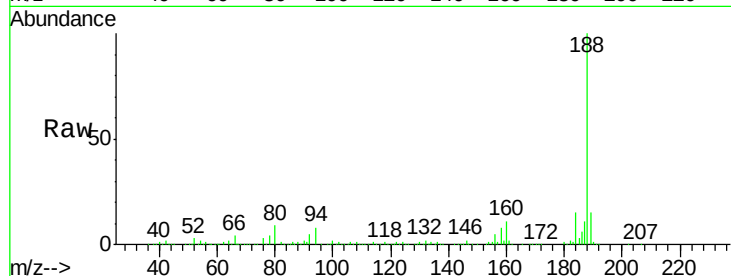
Tot Ion:188 Resp: 362641

Ion Ratio Lower Upper

188 100

94 8.0 8.2 12.4#

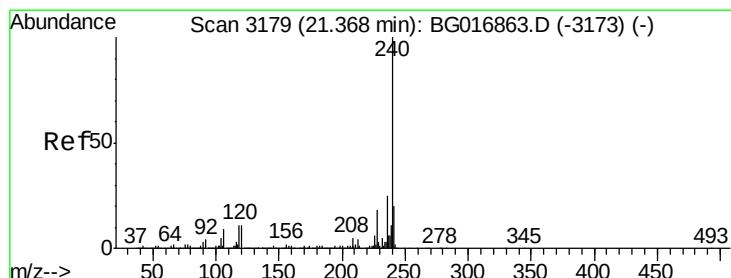
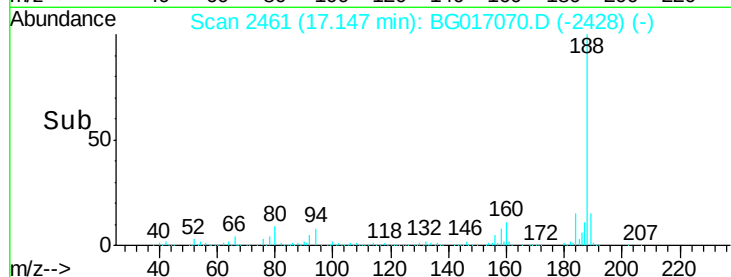
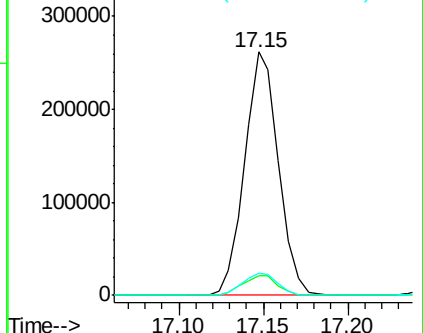
80 9.0 8.8 13.2



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: 21.33 min Scan# 3173

Delta R.T. -0.00 min

Lab File: BG017070.D

Acq: 12 May 2015 3:19

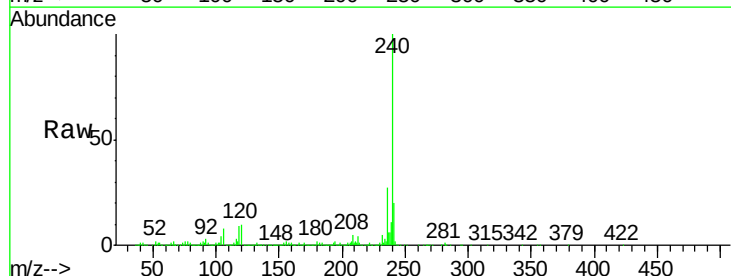
Tgt Ion:240 Resp: 379645

Ion Ratio Lower Upper

240 100

120 10.4 9.1 13.7

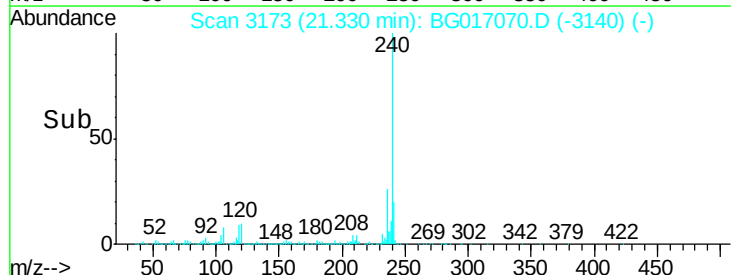
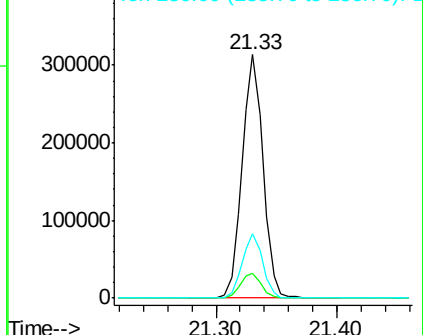
236 26.5 20.2 30.4

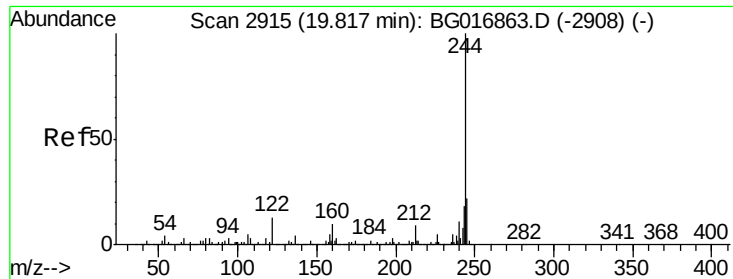


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 91.36 ng

RT: 19.78 min Scan# 2909

Delta R.T. -0.00 min

Lab File: BG017070.D

Acq: 12 May 2015 3:19

Instrument :

BNA_G

ClientSampleId :

MW-14

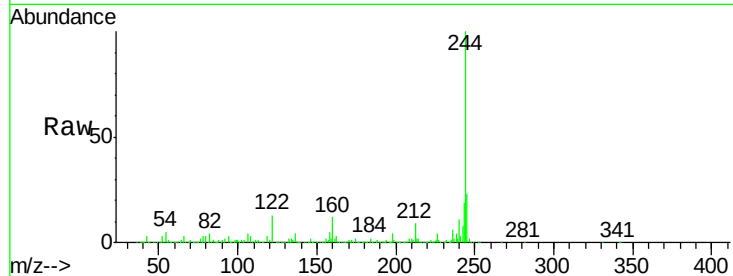
Tot Ion:244 Resp: 1479477

Ion Ratio Lower Upper

244 100

212 9.2 7.0 10.6

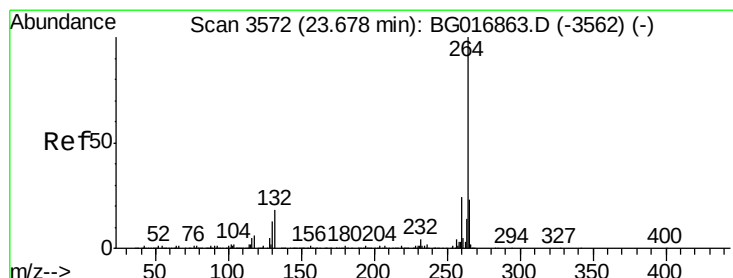
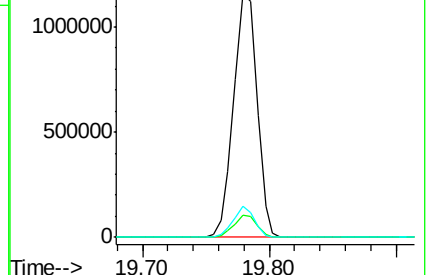
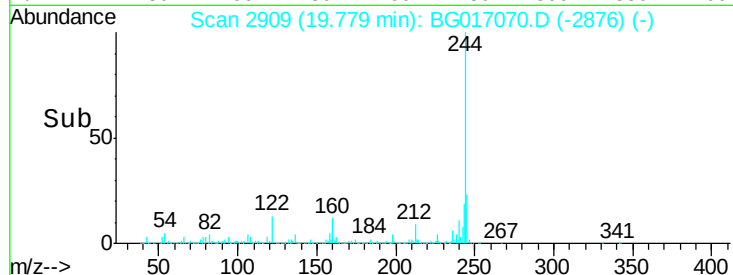
122 12.6 10.4 15.6



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: 23.62 min Scan# 3562

Delta R.T. -0.00 min

Lab File: BG017070.D

Acq: 12 May 2015 3:19

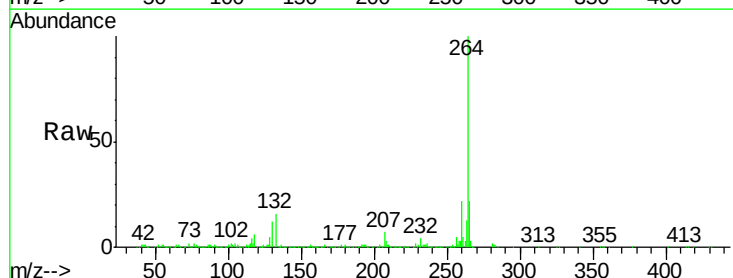
Tgt Ion:264 Resp: 368430

Ion Ratio Lower Upper

264 100

260 21.9 19.5 29.3

265 21.6 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

