

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051115\
 Data File : BG017053.D
 Acq On : 11 May 2015 15:07
 Operator : TP/IZ
 Sample : G2171-01DL 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCW-WW-131-5515DL

Quant Time: May 12 17:02:47 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 04:00:00 2015
 Response via : Initial Calibration

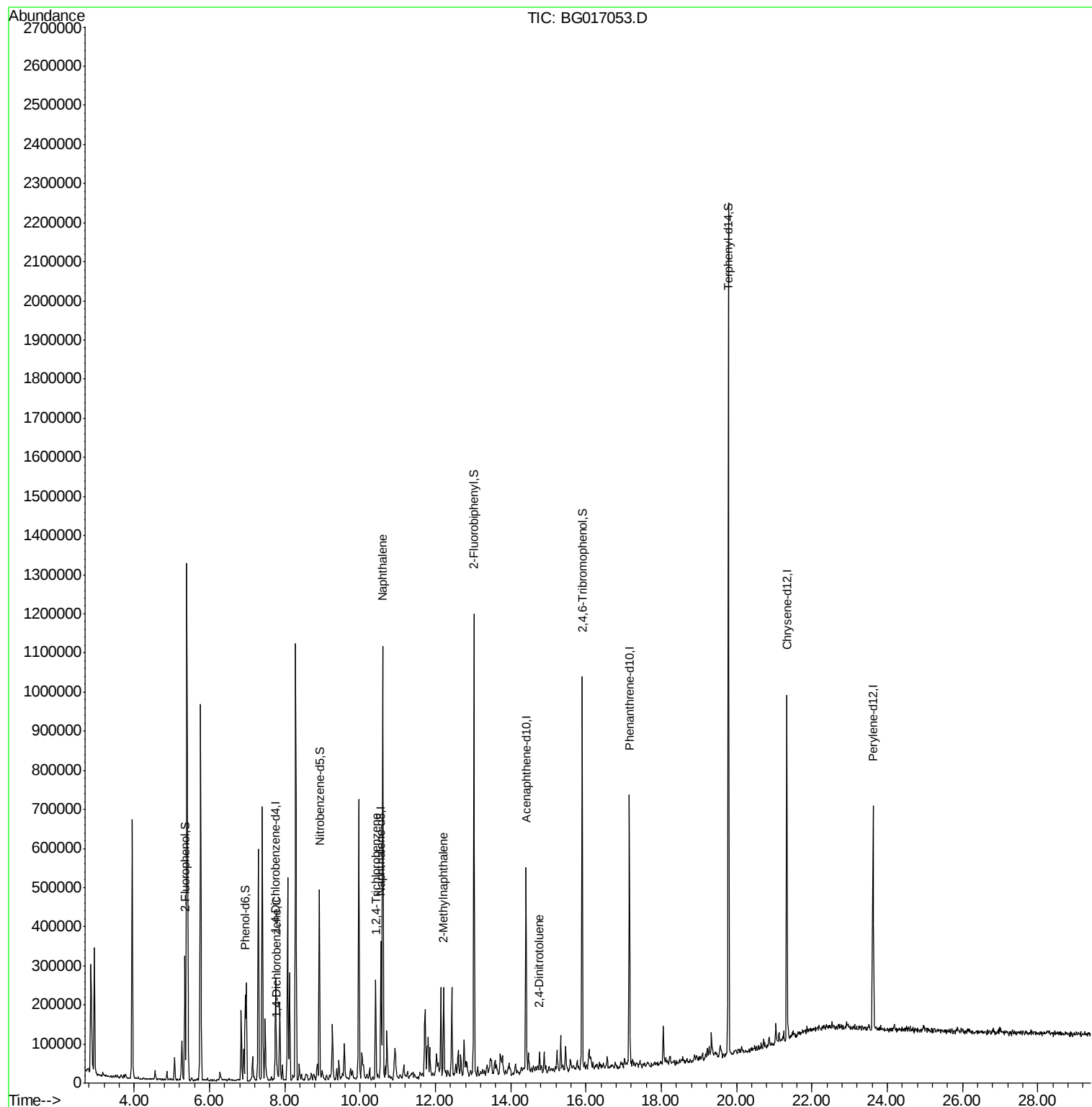
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	58886	20.00	ng	0.00
21) Naphthalene-d8	10.55	136	256212	20.00	ng	0.00
38) Acenaphthene-d10	14.40	164	170582	20.00	ng	0.00
63) Phenanthrene-d10	17.15	188	371965	20.00	ng	0.00
75) Chrysene-d12	21.34	240	394317	20.00	ng	0.00
86) Perylene-d12	23.62	264	385262	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	115570	34.17	ng	0.00
7) Phenol-d6	6.95	99	98467	20.38	ng	0.00
23) Nitrobenzene-d5	8.92	82	244198	46.56	ng	0.00
41) 2,4,6-Tribromophenol	15.90	330	136850	79.91	ng	0.00
44) 2-Fluorobiphenyl	13.02	172	525017	46.44	ng	0.00
78) Terphenyl-d14	19.78	244	861197	51.20	ng	0.00
Target Compounds						
13) 1,4-Dichlorobenzene	7.78	146	12573m	2.87	ng	Qvalue
30) 1,2,4-Trichlorobenzene	10.41	180	72676	18.59	ng	98
31) Naphthalene	10.60	128	795159	62.40	ng	98
37) 2-Methylnaphthalene	12.22	142	89181	9.19	ng	94
56) 2,4-Dinitrotoluene	14.77	165	12125	3.58	ng	# 94

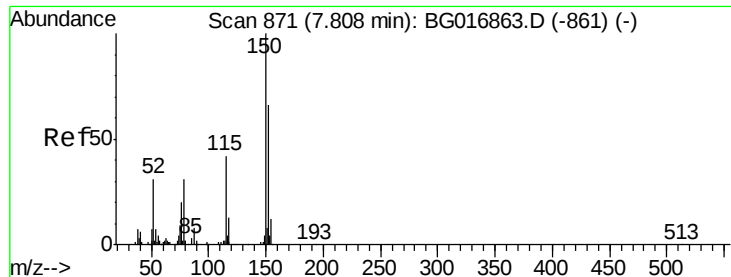
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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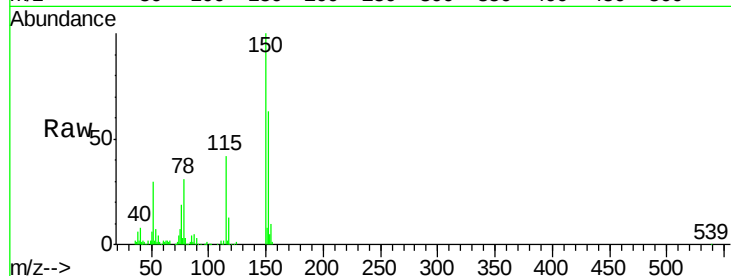


#1

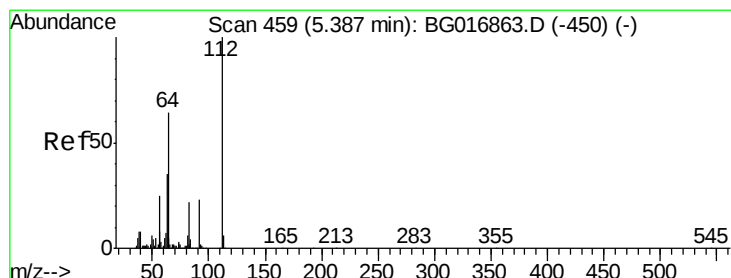
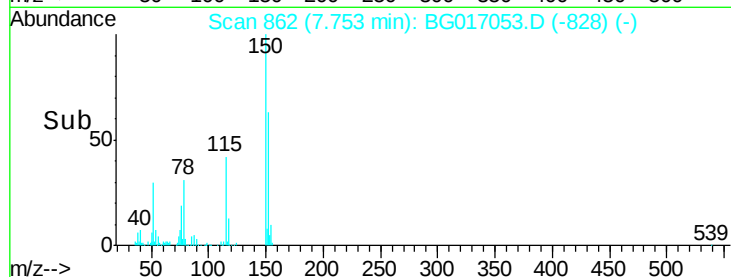
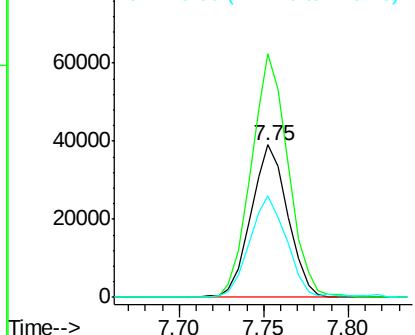
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.75 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: BG017053.D
 Acq: 11 May 2015 15:07

Instrument :
 BNA_G
 ClientSampleId :
 DCW-WW-131-5515DL

Tot Ion:152 Resp: 58886
 Ion Ratio Lower Upper
 152 100
 150 159.9 121.0 181.4
 115 66.6 50.5 75.7



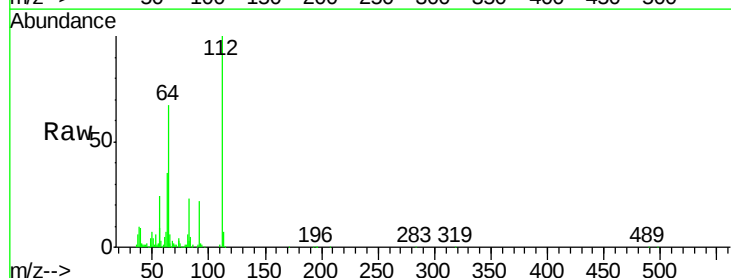
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



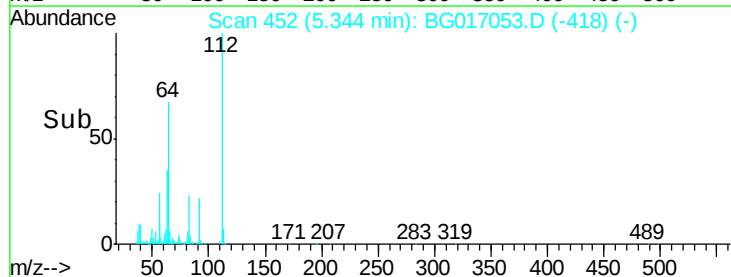
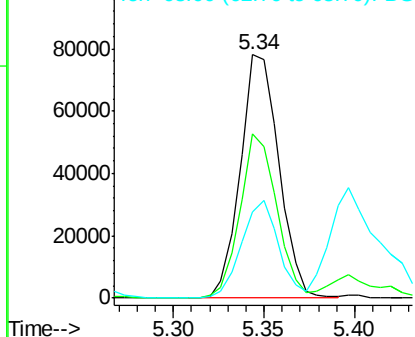
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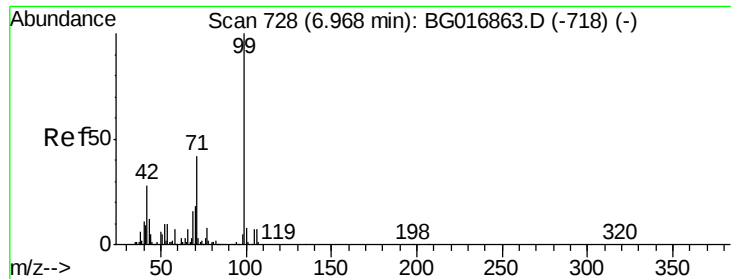
2-Fluorophenol
 Concen: 34.17 ng
 RT: 5.34 min Scan# 452
 Delta R.T. -0.00 min
 Lab File: BG017053.D
 Acq: 11 May 2015 15:07

Tgt Ion:112 Resp: 115570
 Ion Ratio Lower Upper
 112 100
 64 67.5 51.4 77.2
 63 35.4 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: 20.38 ng

RT: 6.95 min Scan# 725

Delta R.T. 0.00 min

Lab File: BG017053.D

Acq: 11 May 2015 15:07

Instrument :

BNA_G

ClientSampleId :

DCW-WW-131-5515DL

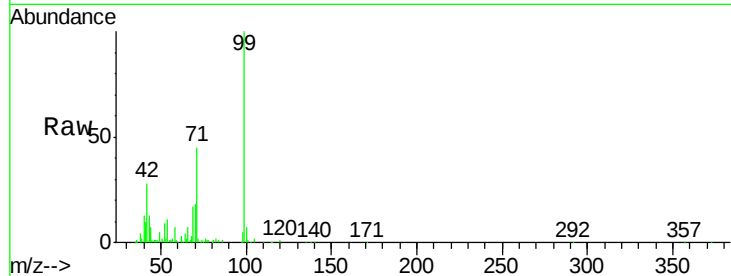
Tot Ion: 99 Resp: 98467

Ion Ratio Lower Upper

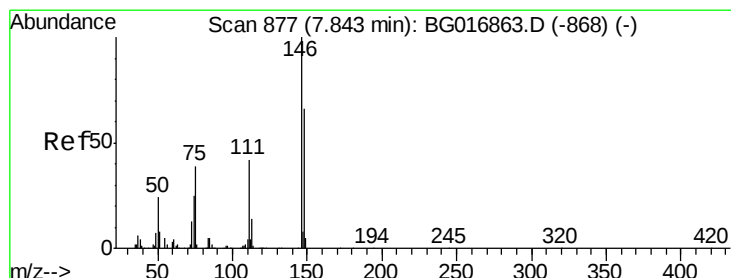
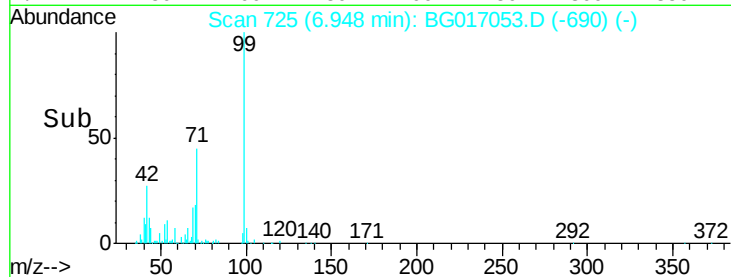
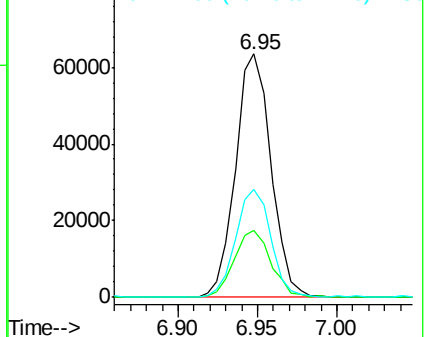
99 100

42 27.6 22.1 33.1

71 44.6 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



#13

1,4-Dichlorobenzene

Concen: 2.87 ng m

RT: 7.78 min Scan# 867

Delta R.T. -0.01 min

Lab File: BG017053.D

Acq: 11 May 2015 15:07

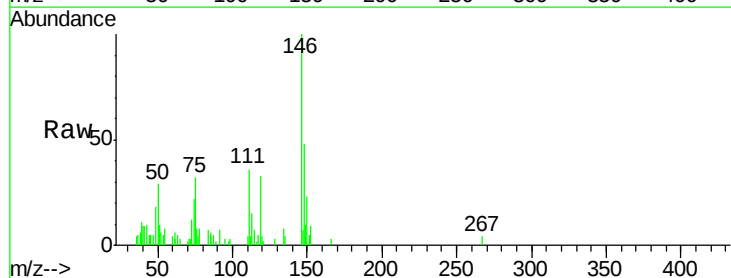
Tgt Ion: 146 Resp: 12573

Ion Ratio Lower Upper

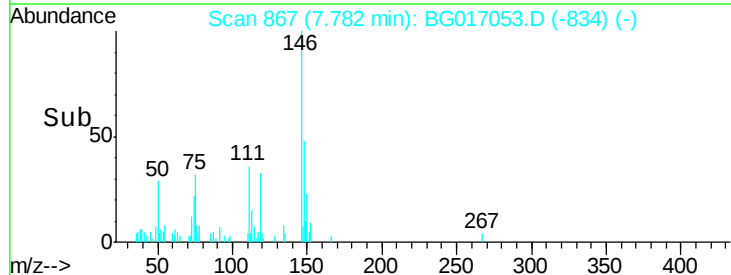
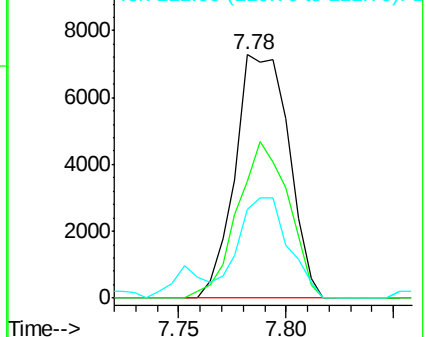
146 100

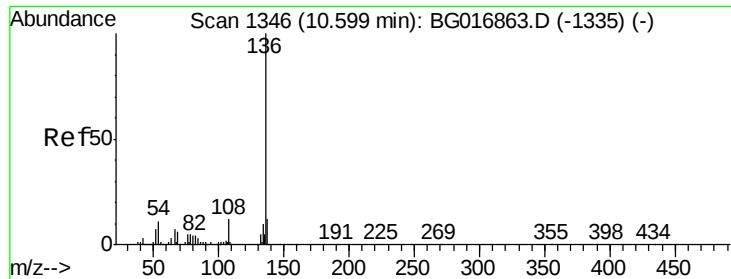
148 48.2 52.8 79.2#

111 36.4 33.9 50.9



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

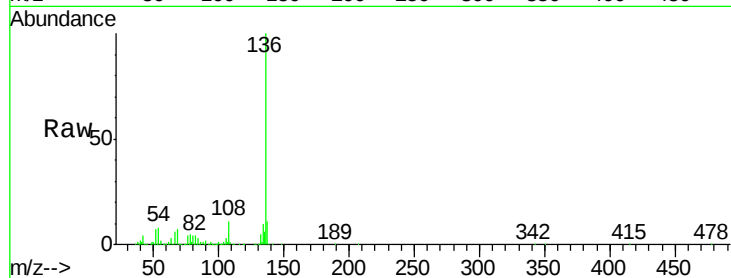




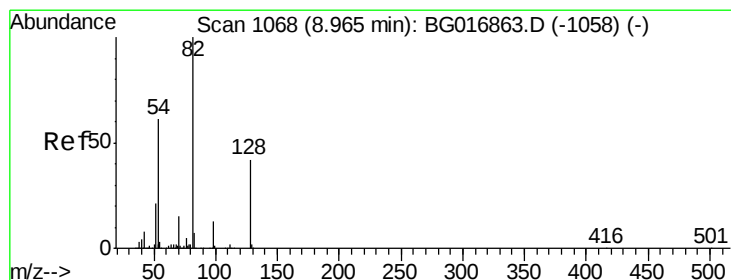
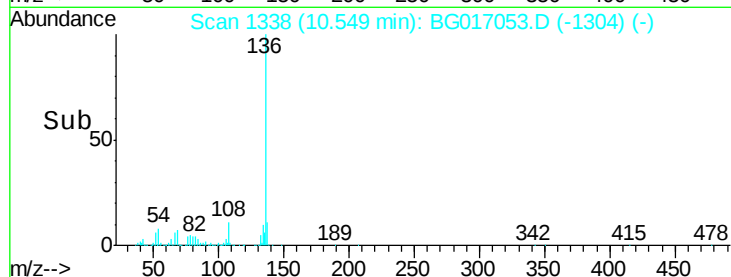
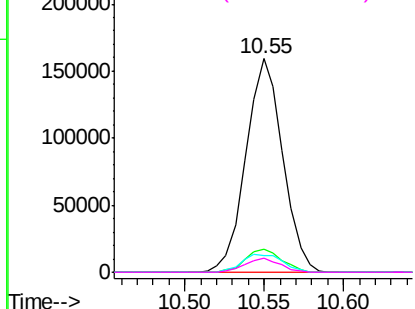
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.55 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BG017053.D
Acq: 11 May 2015 15:07

Instrument :
BNA_G
ClientSampleId :
DCW-WW-131-5515DL

Tot Ion:136	Resp:	256212
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.8 14.8
54	7.8	8.7 13.1#
68	6.5	5.0 7.4

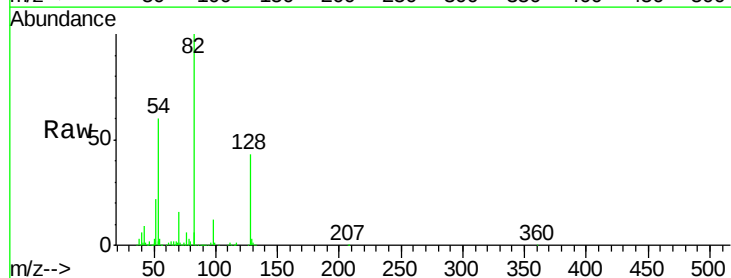


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

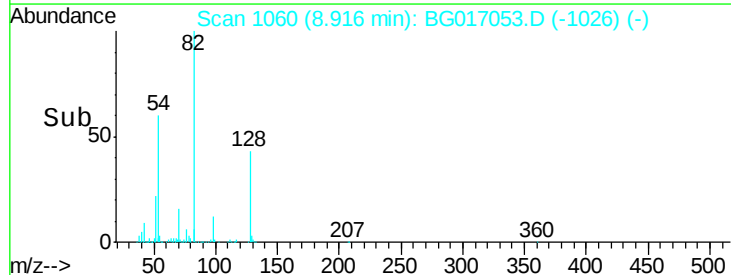
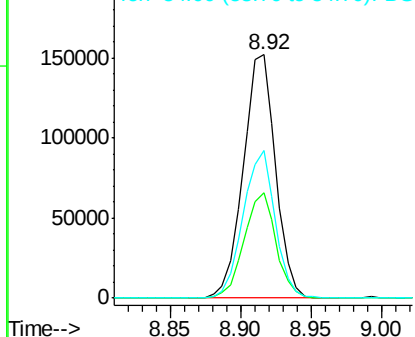


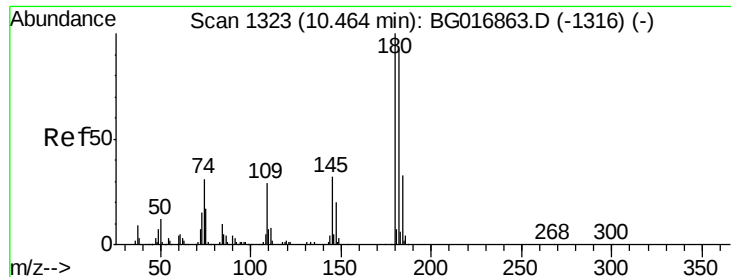
#23
Nitrobenzene-d5
Concen: 46.56 ng
RT: 8.92 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BG017053.D
Acq: 11 May 2015 15:07

Tgt Ion: 82	Resp:	244198
Ion Ratio	Lower	Upper
82	100	
128	43.5	33.2 49.8
54	60.5	48.6 72.8



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

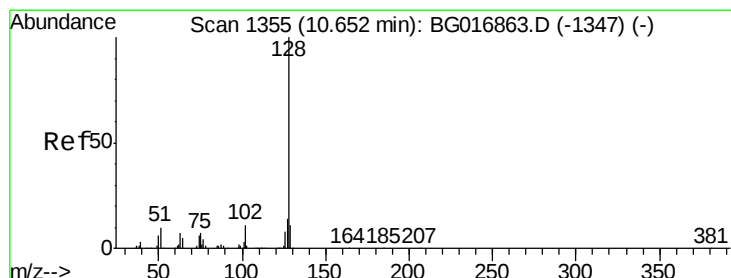
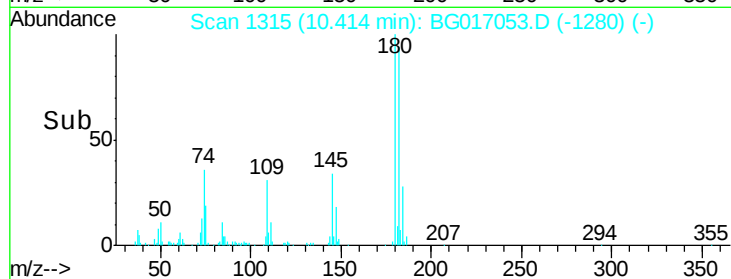
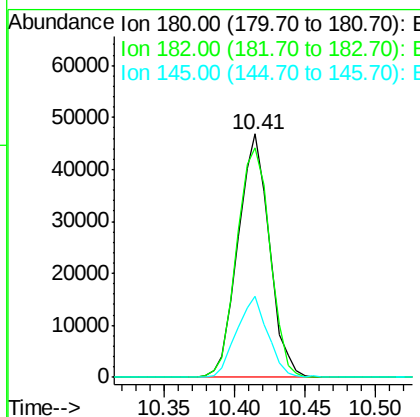
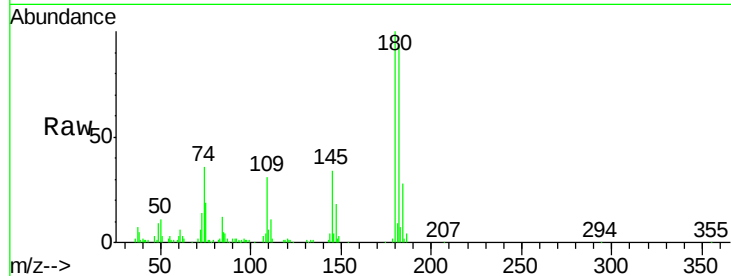




#30
 1,2,4-Trichlorobenzene
 Concen: 18.59 ng
 RT: 10.41 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: BG017053.D
 Acq: 11 May 2015 15:07

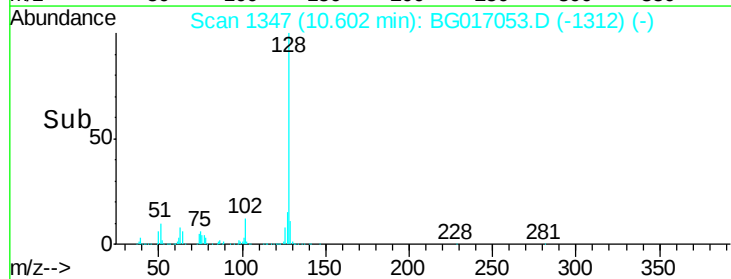
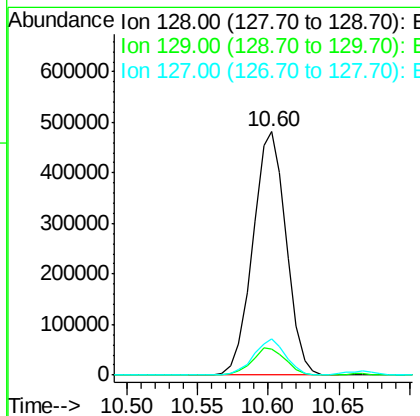
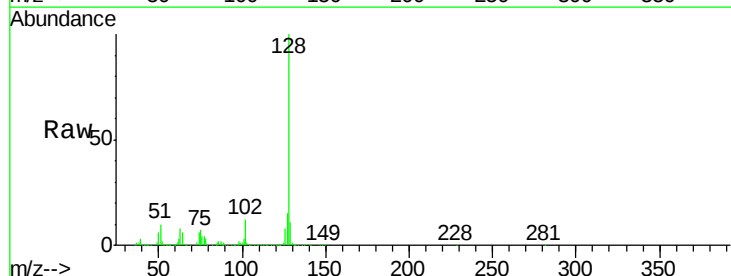
Instrument :
 BNA_G
 ClientSampleId :
 DCW-WW-131-5515DL

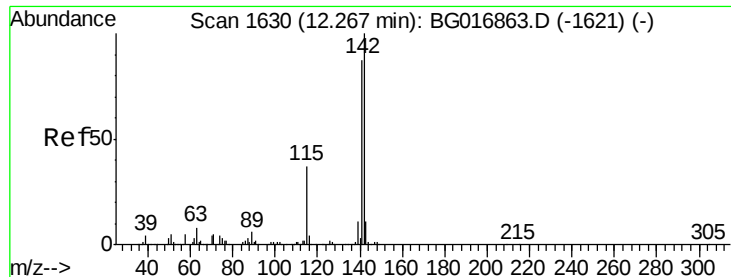
Tot Ion	180	Resp	72676
Ion Ratio	Lower	Upper	
180	100		
182	94.3	73.8	110.8
145	33.5	25.4	38.0



#31
 Naphthalene
 Concen: 62.40 ng
 RT: 10.60 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: BG017053.D
 Acq: 11 May 2015 15:07

Tgt Ion	128	Resp	795159
Ion Ratio	Lower	Upper	
128	100		
129	10.9	9.1	13.7
127	14.8	10.9	16.3

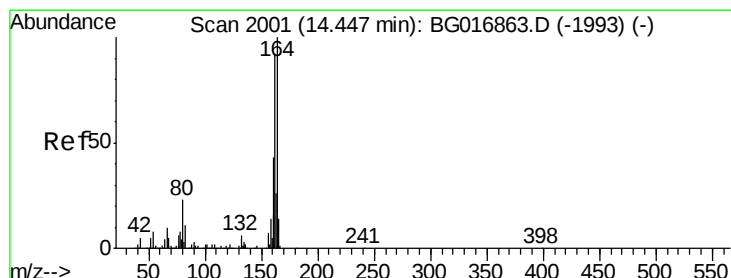
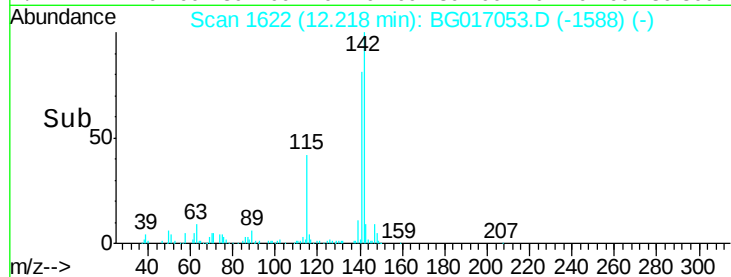
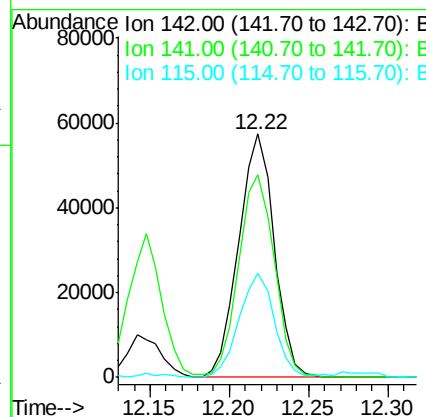
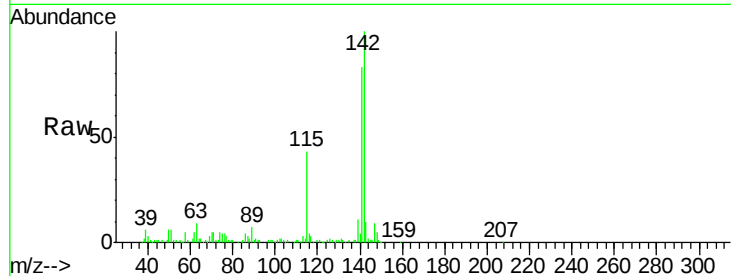




#37
2-Methylnaphthalene
Concen: 9.19 ng
RT: 12.22 min Scan# 1622
Delta R.T. -0.00 min
Lab File: BG017053.D
Acq: 11 May 2015 15:07

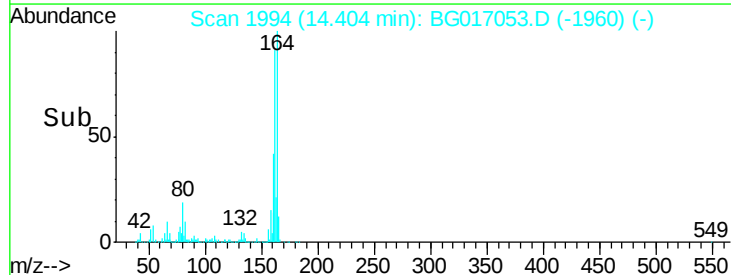
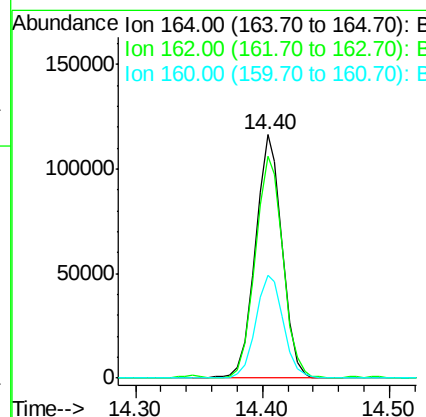
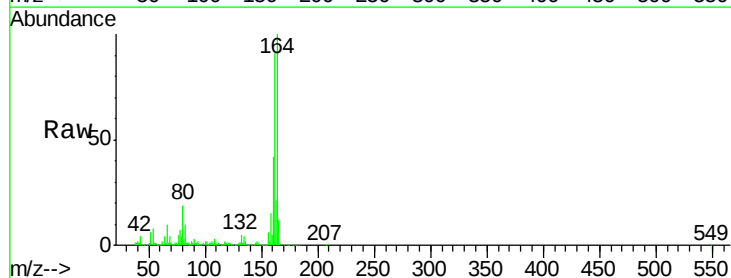
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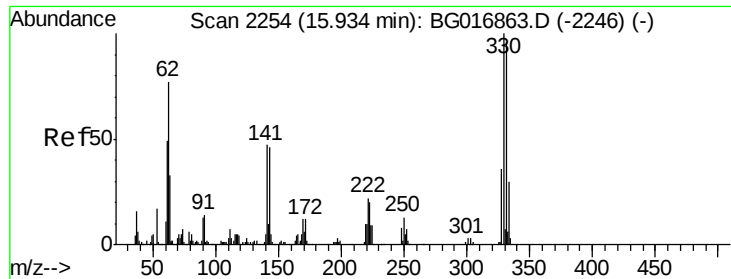
Tot Ion:142 Resp: 89181
Ion Ratio Lower Upper
142 100
141 83.1 69.9 104.9
115 42.7 29.8 44.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.40 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BG017053.D
Acq: 11 May 2015 15:07

Tgt Ion:164 Resp: 170582
Ion Ratio Lower Upper
164 100
162 91.3 74.0 111.0
160 42.4 34.7 52.1

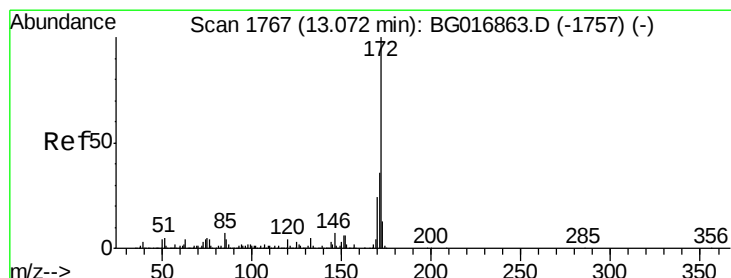
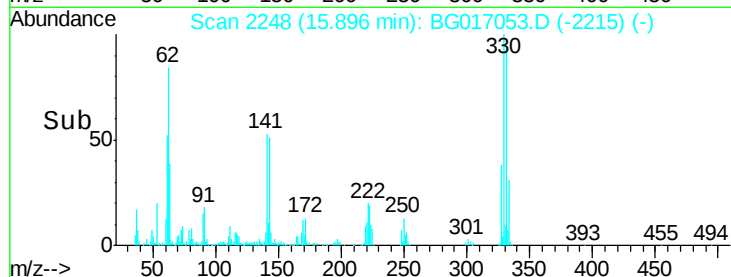
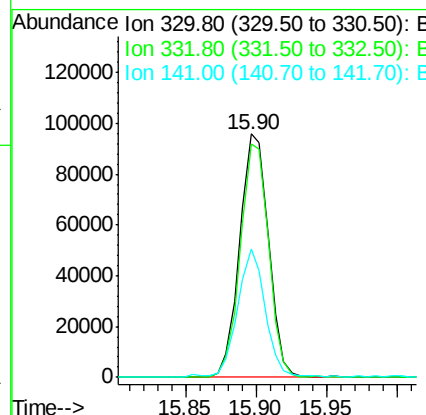
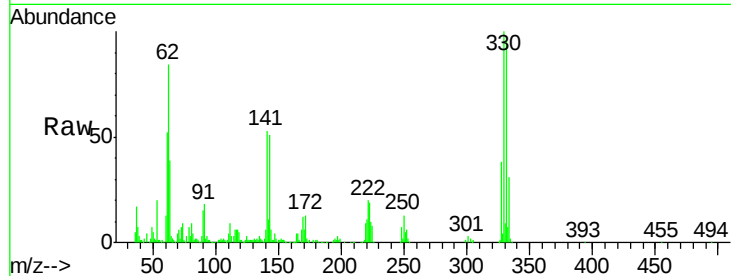




#41
 2,4,6-Tribromophenol
 Concen: 79.91 ng
 RT: 15.90 min Scan# 2248
 Delta R.T. -0.01 min
 Lab File: BG017053.D
 Acq: 11 May 2015 15:07

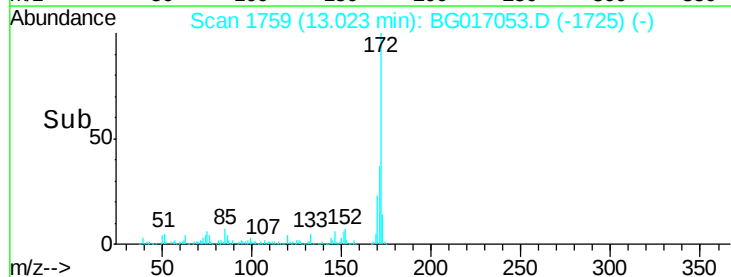
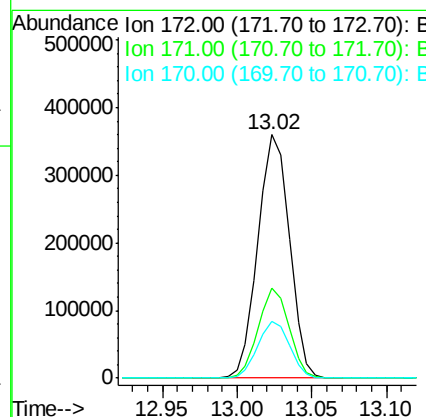
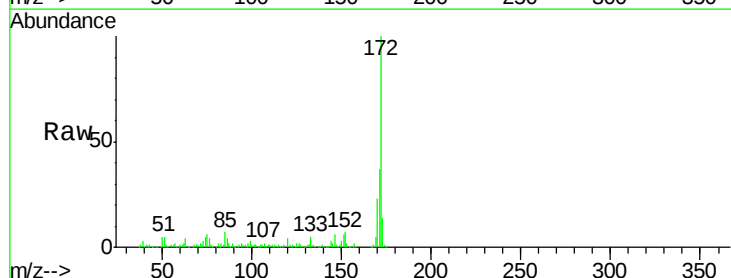
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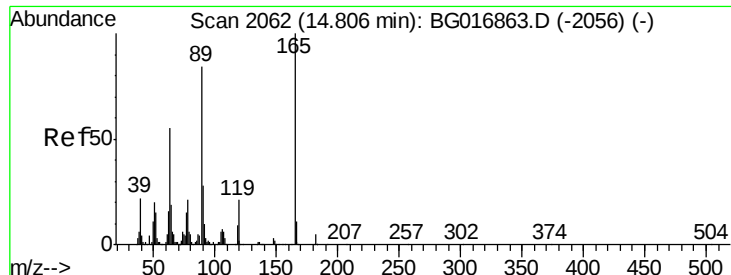
Tot Ion	Ratio	Lower	Upper
330	100		
332	93.7	0.0	0.0#
141	51.4	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 46.44 ng
 RT: 13.02 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: BG017053.D
 Acq: 11 May 2015 15:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.0	43.4
170	23.2	19.0	28.4

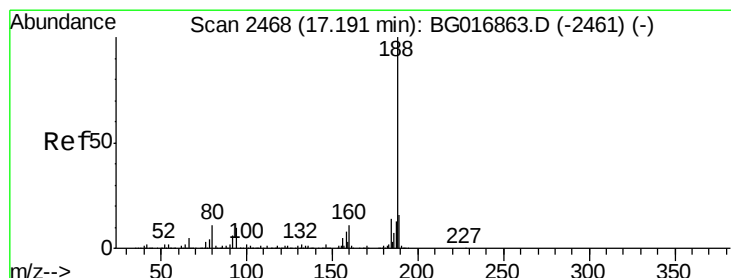
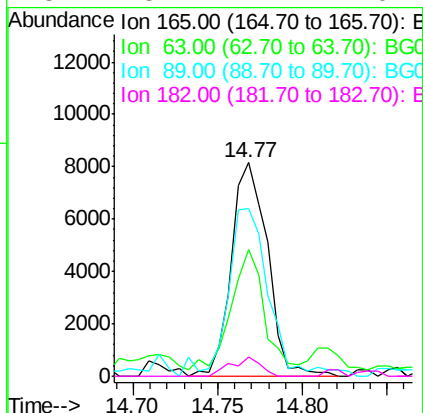
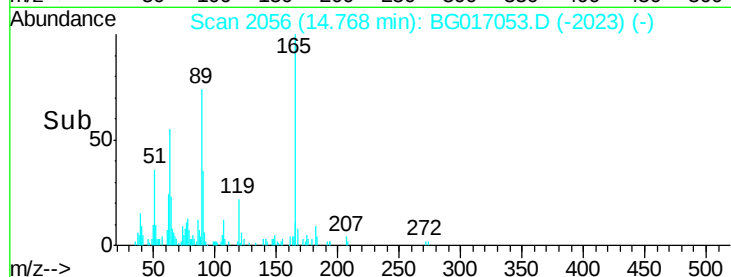
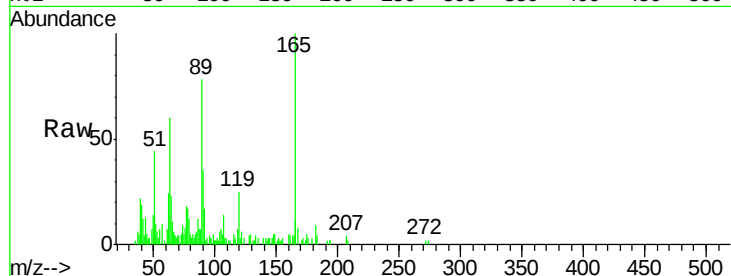




#56
 2,4-Dinitrotoluene
 Concen: 3.58 ng
 RT: 14.77 min Scan# 2056
 Delta R.T. -0.01 min
 Lab File: BG017053.D
 Acq: 11 May 2015 15:07

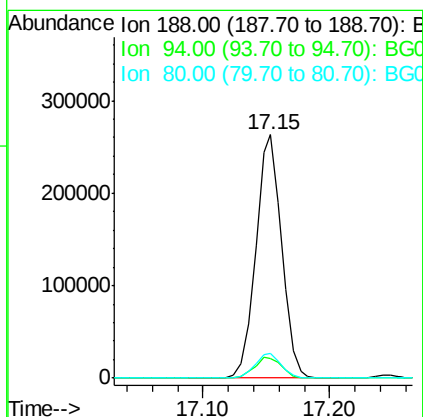
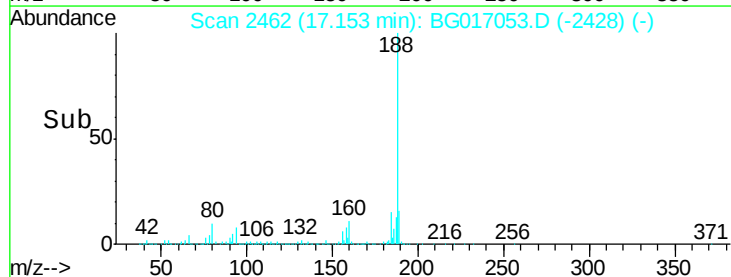
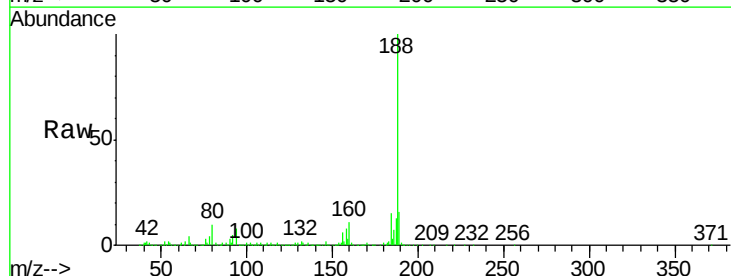
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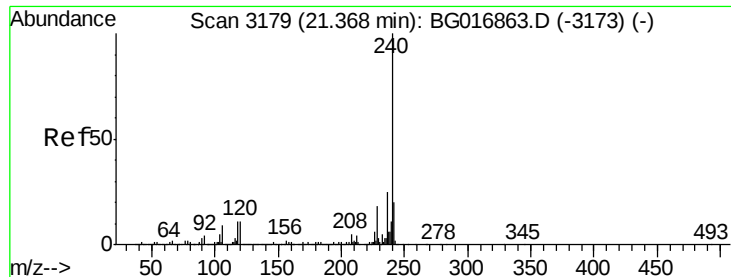
Tot Ion:165 Resp: 12125
 Ion Ratio Lower Upper
 165 100
 63 59.6 44.2 66.4
 89 78.4 67.2 100.8
 182 8.7 4.2 6.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.15 min Scan# 2462
 Delta R.T. -0.00 min
 Lab File: BG017053.D
 Acq: 11 May 2015 15:07

Tgt Ion:188 Resp: 371965
 Ion Ratio Lower Upper
 188 100
 94 8.3 8.2 12.4
 80 10.1 8.8 13.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.34 min Scan# 3174

Delta R.T. -0.00 min

Lab File: BG017053.D

Acq: 11 May 2015 15:07

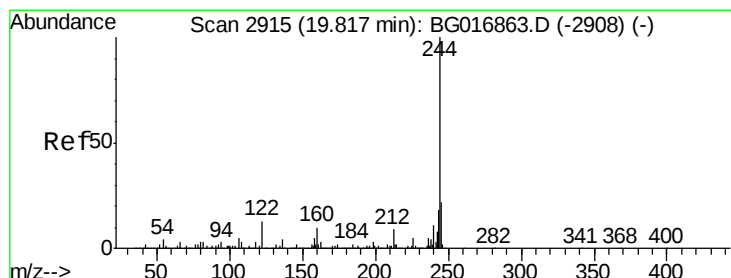
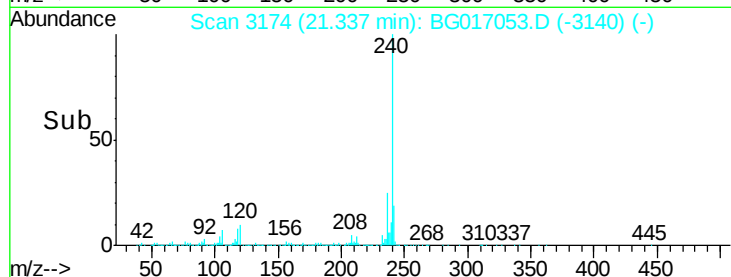
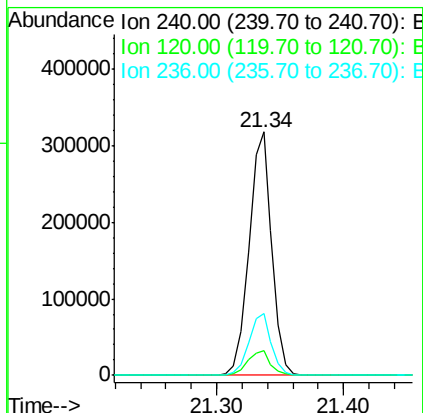
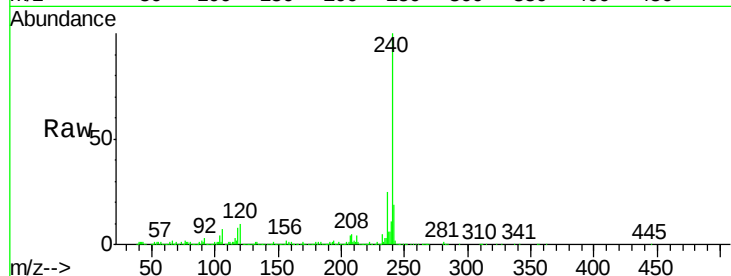
Instrument :

BNA_G

ClientSampleId :

DCW-WW-131-5515DL

Tot Ion:240	Resp:	394317
Ion Ratio	Lower	Upper
240	100	
120	10.0	9.1 13.7
236	25.3	20.2 30.4



#78

Terphenyl-d14

Concen: 51.20 ng

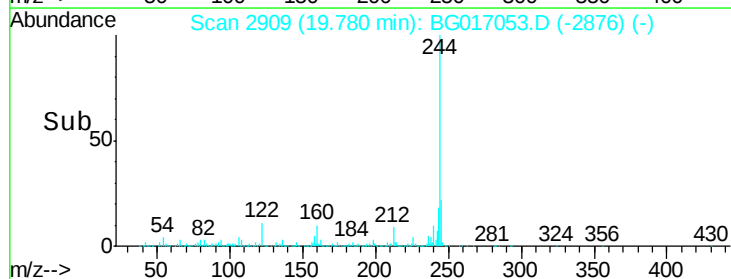
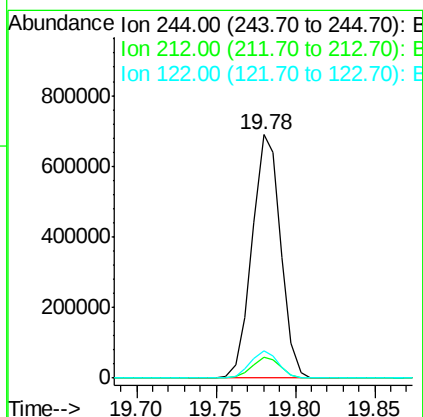
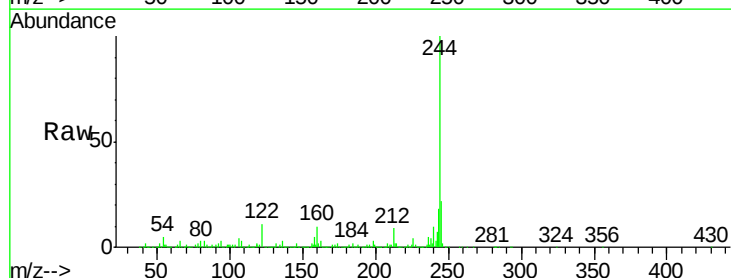
RT: 19.78 min Scan# 2909

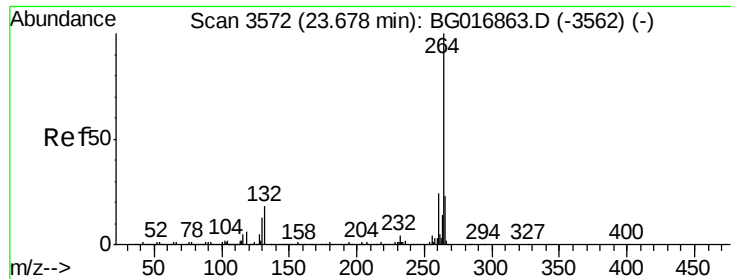
Delta R.T. -0.01 min

Lab File: BG017053.D

Acq: 11 May 2015 15:07

Tgt Ion:244	Resp:	861197
Ion Ratio	Lower	Upper
244	100	
212	8.6	7.0 10.6
122	11.1	10.4 15.6





#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.62 min Scan# 3563
Delta R.T. -0.01 min
Lab File: BG017053.D
Acq: 11 May 2015 15:07

Instrument :
BNA_G
ClientSampleId :
DCW-WW-131-5515DL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	20.5	18.5	27.7

