

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 04:16:12 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

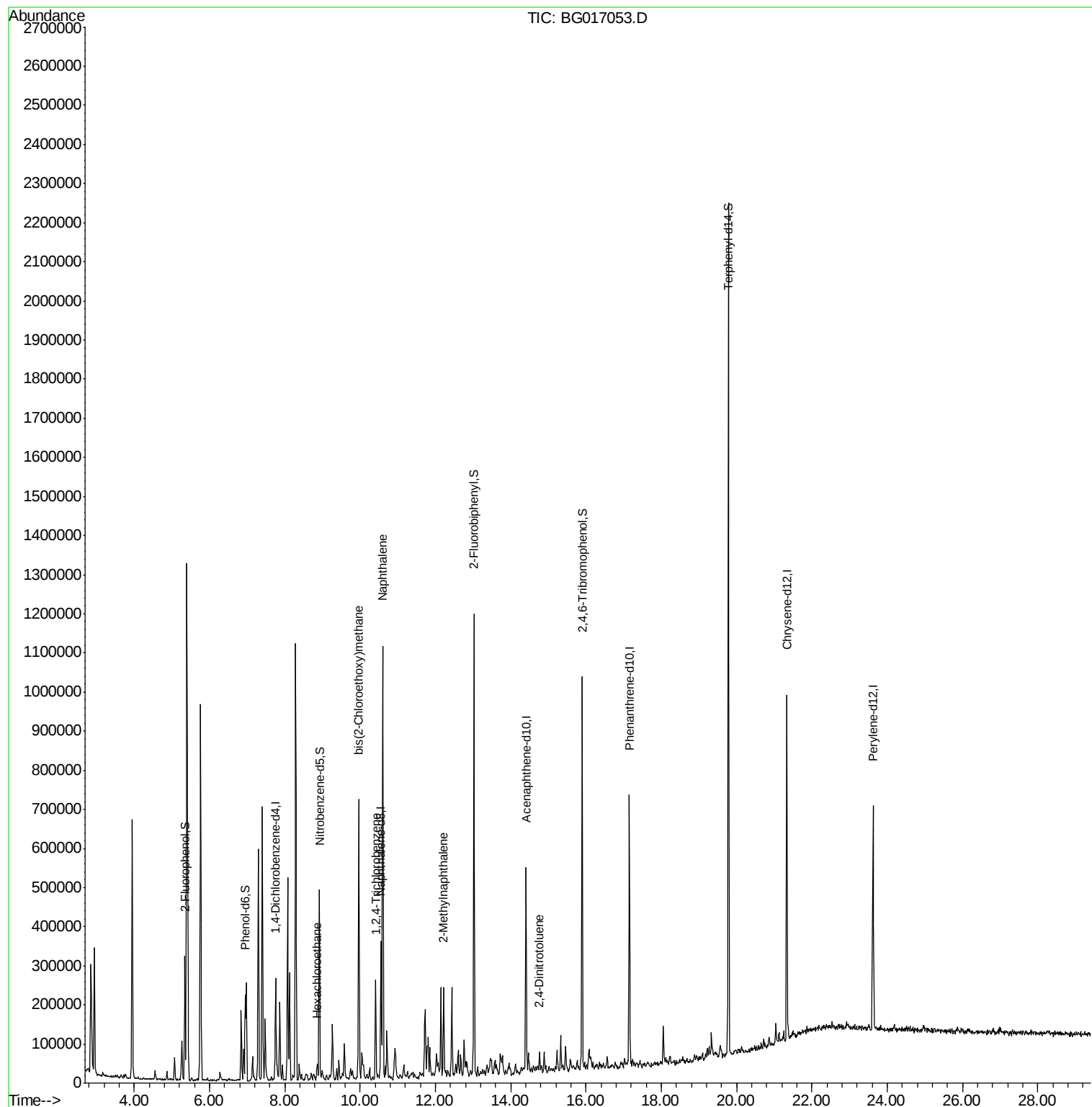
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	58886	20.00	ng	0.00
21) Naphthalene-d8	10.55	136	256212	20.00	ng	0.00
38) Acenaphthene-d10	14.40	164	170582	20.00	ng	0.00
63) Phenanthrene-d10	17.15	188	371965	20.00	ng	0.00
75) Chrysene-d12	21.34	240	394317	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						Qvalue
18) Hexachloroethane	8.85	117	4101	2.28	ng	# 1
28) bis(2-Chloroethoxy)methane	9.97	93	23230	4.35	ng	# 1
30) 1,2,4-Trichlorobenzene	10.41	180	72676	18.59	ng	98
31) Naphthalene	10.60	128	795159	62.40	ng	98
32) Benzoic acid	9.91	122	119	Below Cal	#	43
37) 2-Methylnaphthalene	12.22	142	89181	9.19	ng	94
56) 2,4-Dinitrotoluene	14.77	165	12125	3.58	ng	# 94

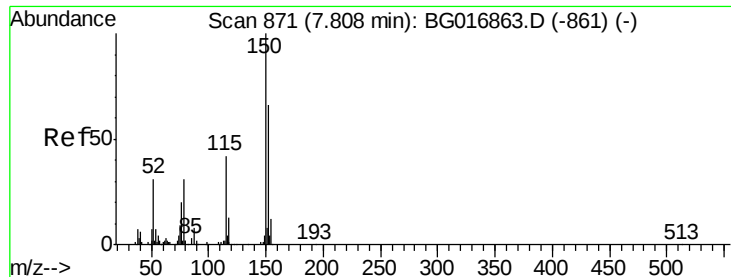
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 12 04:00:00 2015
Response via : Initial Calibration





#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

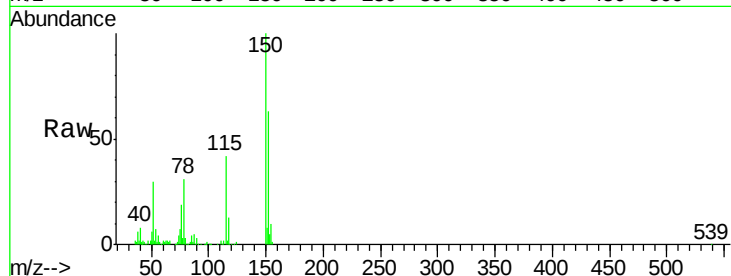
Tgt Ion:152 Resp: 58886

Ion Ratio Lower Upper

152 100

150 159.9 121.0 181.4

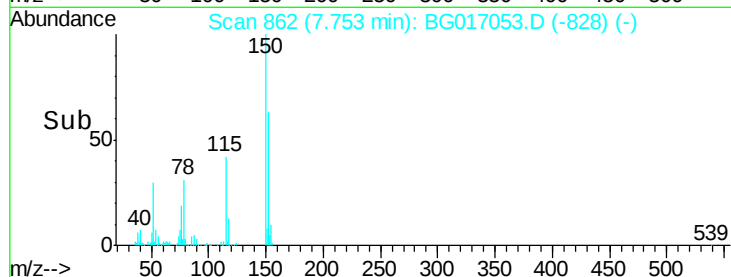
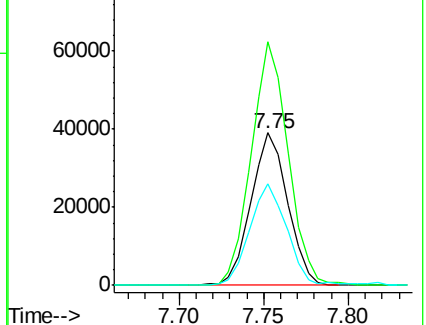
115 66.6 50.5 75.7



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



#5

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

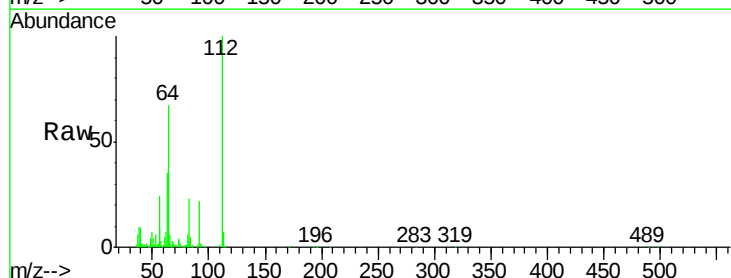
Tgt Ion:112 Resp: 115570

Ion Ratio Lower Upper

112 100

64 67.5 51.4 77.2

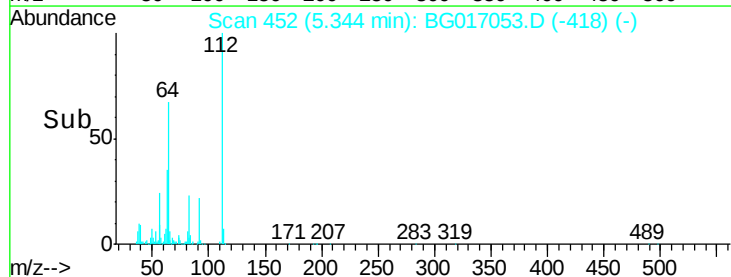
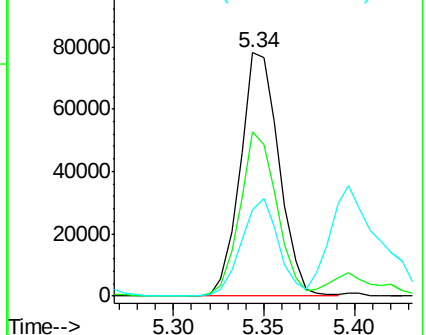
63 35.4 28.1 42.1

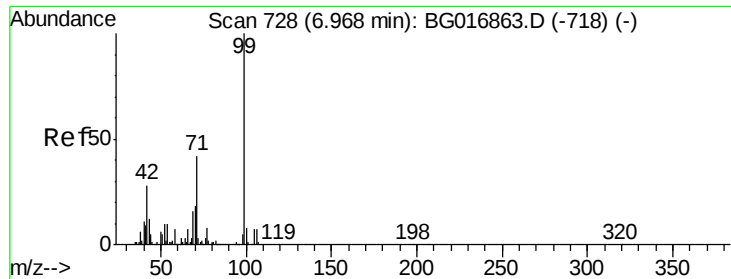


Abundance Ion 112.00 (111.70 to 112.70): E

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

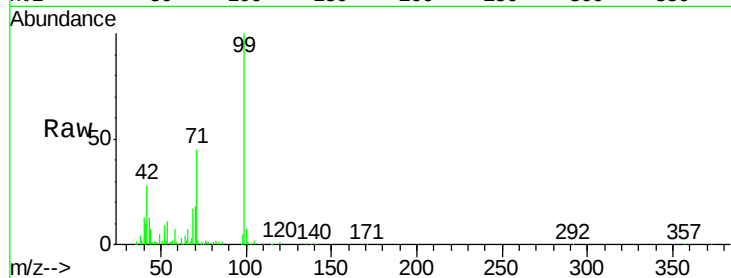
Tgt Ion: 99 Resp: 98467

Ion Ratio Lower Upper

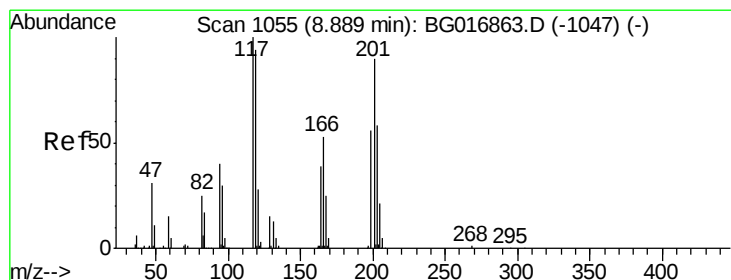
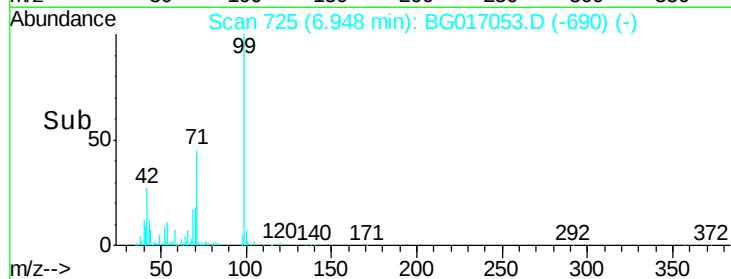
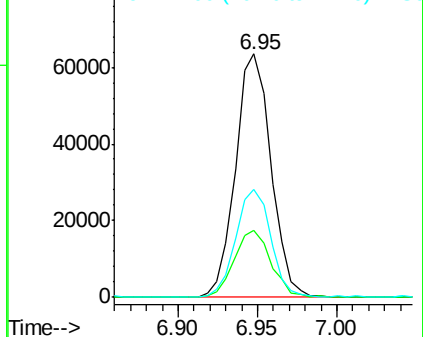
99 100

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



#18

Hexachloroethane

Concen: 2.28 ng

RT: 8.85 min Scan# 1049

Delta R.T. 0.02 min

Lab File: BG017053.D

Acq: 11 May 2015 15:07

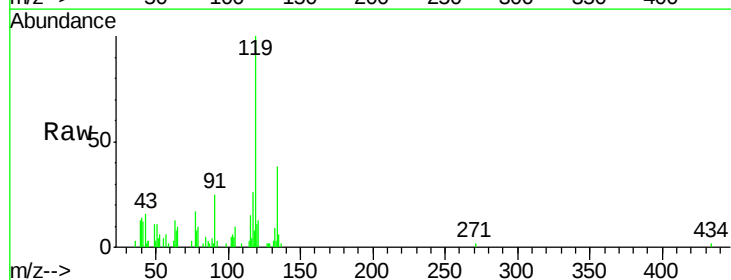
Tgt Ion: 117 Resp: 4101

Ion Ratio Lower Upper

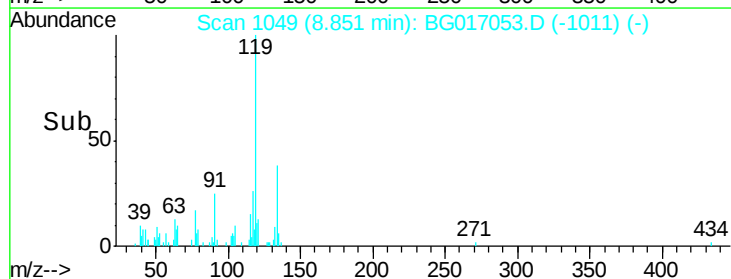
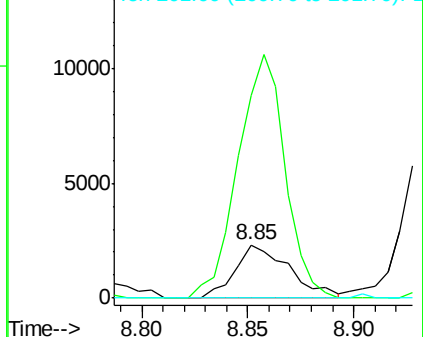
117 100

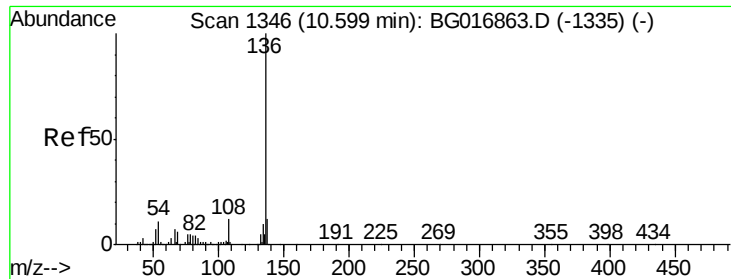
119 381.4 74.8 112.2#

201 0.0 72.1 108.1#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

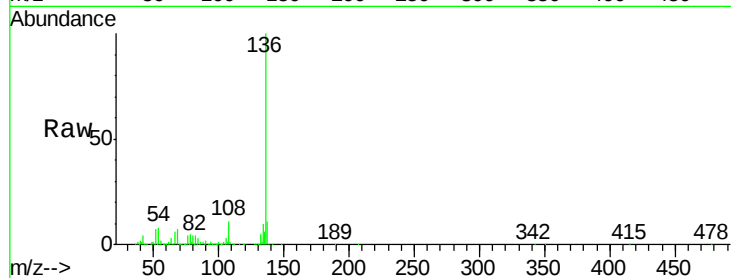




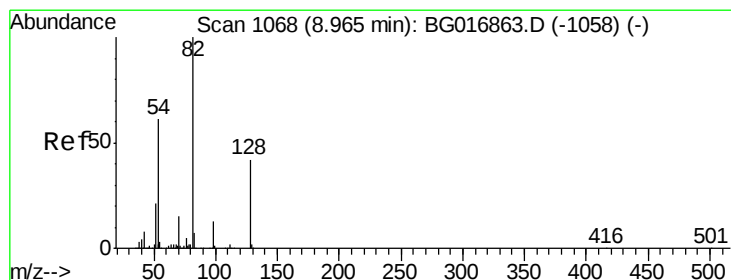
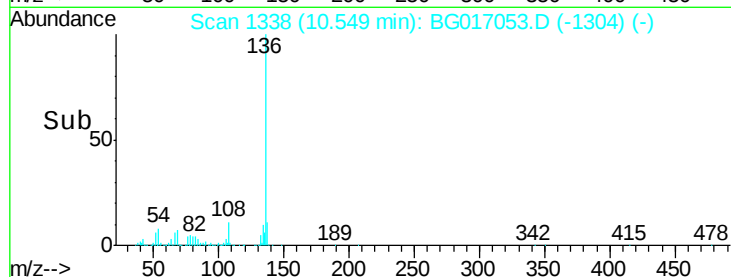
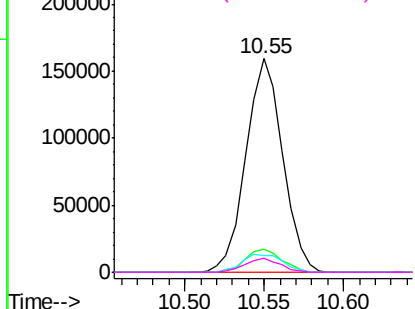
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.55 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BG017053.D
Acq: 11 May 2015 15:07

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

Tgt 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

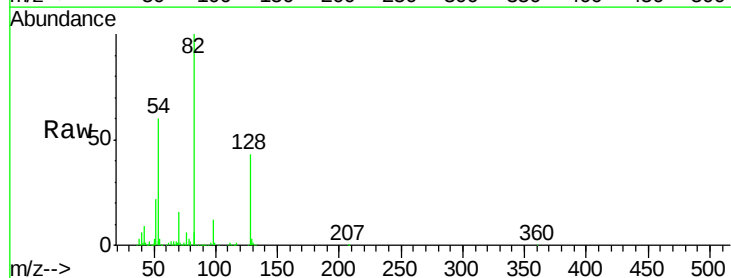


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

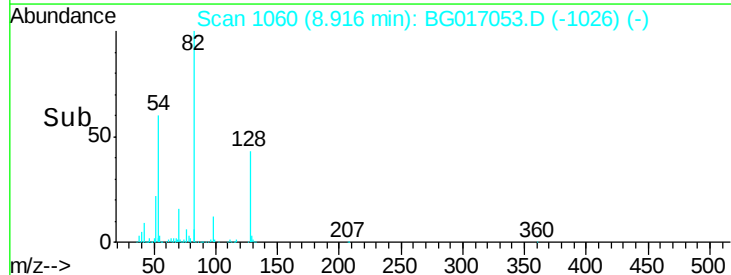
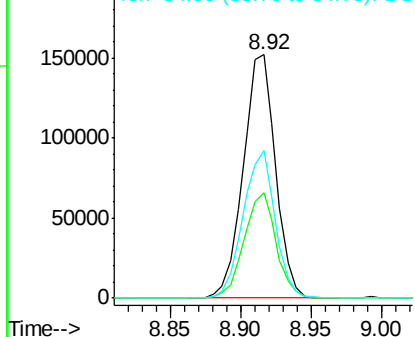


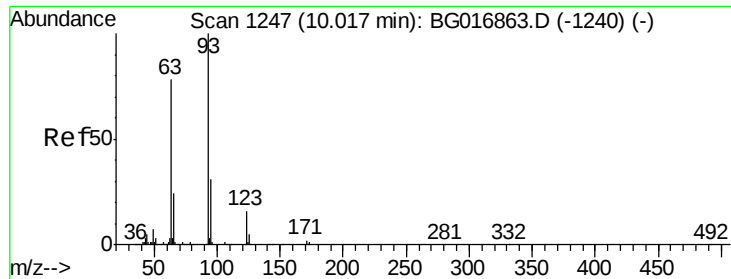
#23
Nitrobenzene-d5
Concen: 46.56 ng
RT: 8.92 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BG017053.D
Acq: 11 May 2015 15:07

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

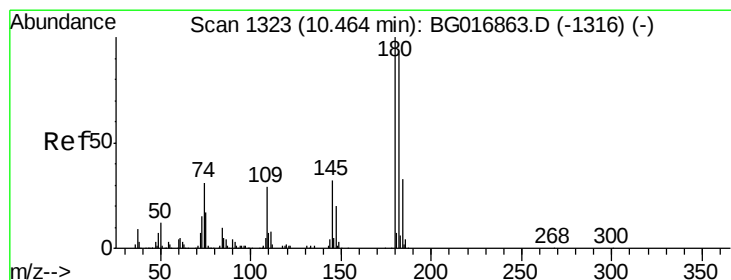
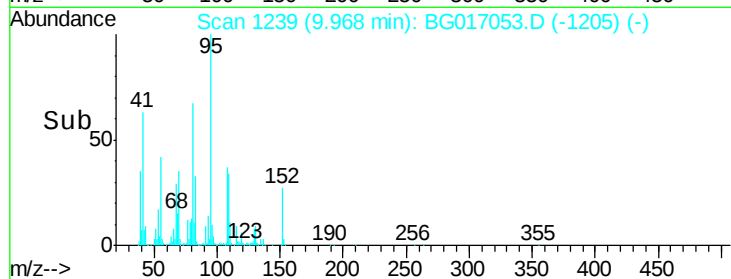
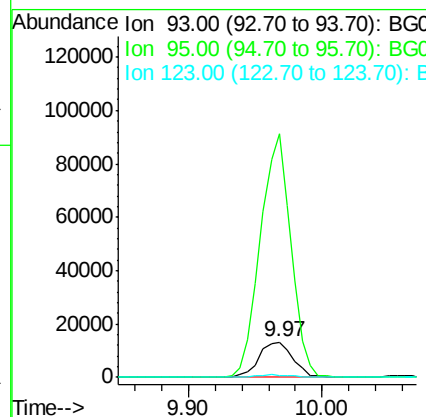
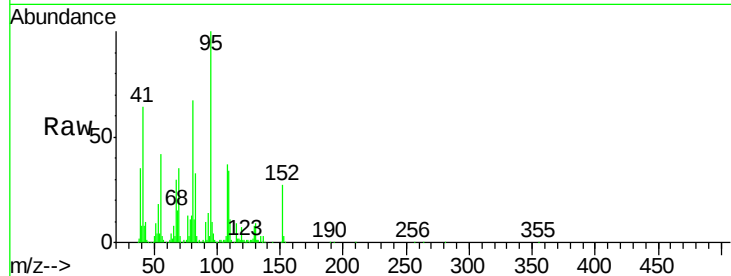




#28
 bis(2-Chloroethoxy)methane
 Concen: 4.35 ng
 RT: 9.97 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: BG017053.D
 Acq: 11 May 2015 15:07

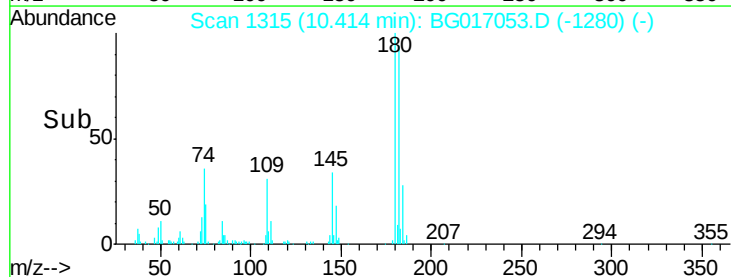
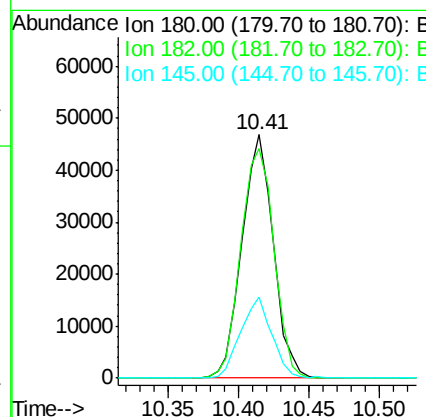
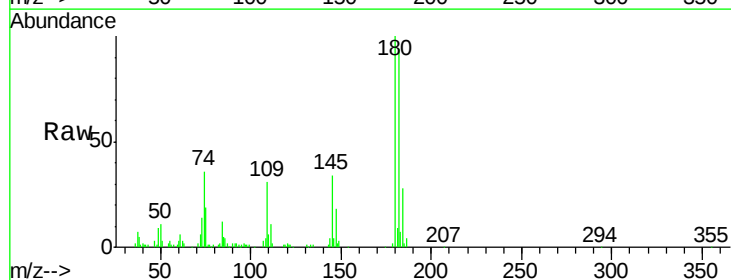
Instrument :
 BNA_G
 ClientSampleId :
 DCW-WW-131-5515DL

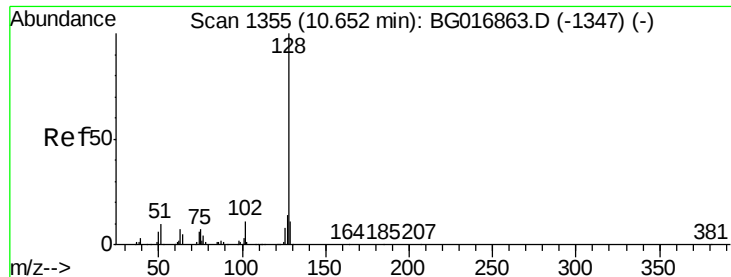
Tgt Ion: 93 Resp: 23230
 Ion Ratio Lower Upper
 93 100
 95 694.0 24.8 37.2#
 123 5.8 12.6 19.0#



#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

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

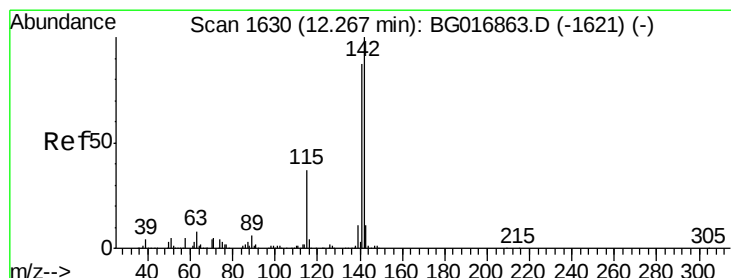
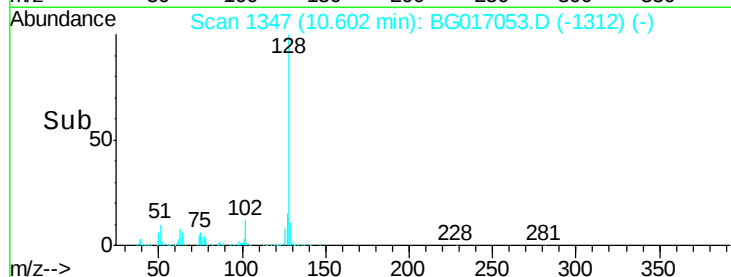
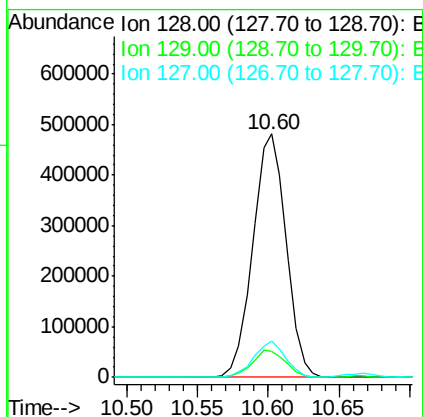
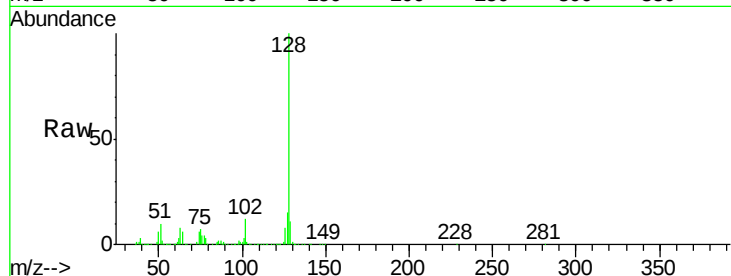




#31
Naphthalene
Concen: 62.40 ng
RT: 10.60 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BG017053.D
Acq: 11 May 2015 15:07

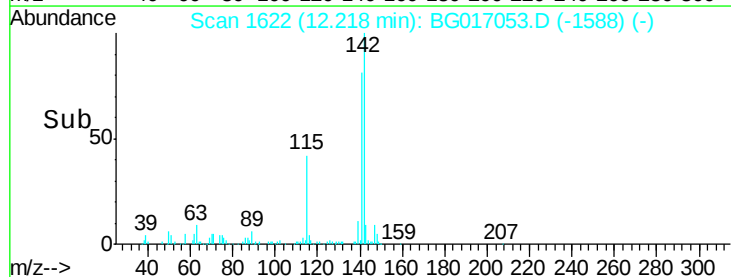
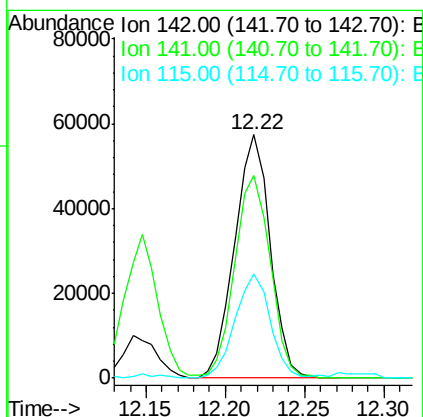
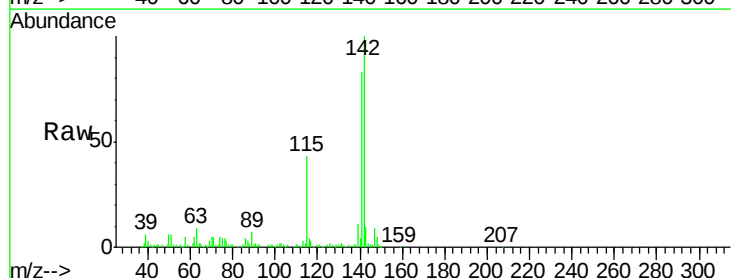
Instrument :
BNA_G
ClientSampleId :
DCW-WW-131-5515DL

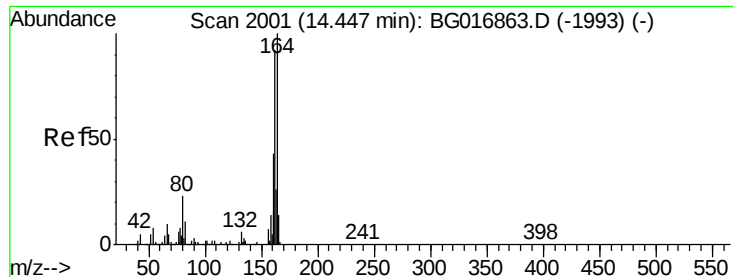
Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.1	13.7
127	14.8	10.9	16.3



#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

Tgt 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

Instrument :

BNA_G

ClientSampleId :

DCW-WW-131-5515DL

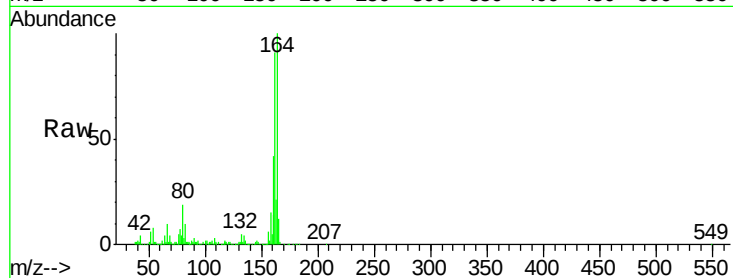
Tgt Ion:164 Resp: 170582

Ion Ratio Lower Upper

164 100

162 91.3 74.0 111.0

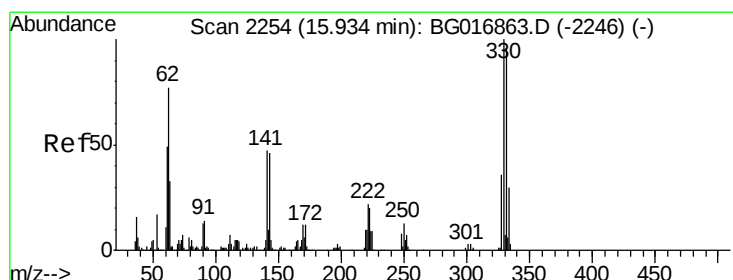
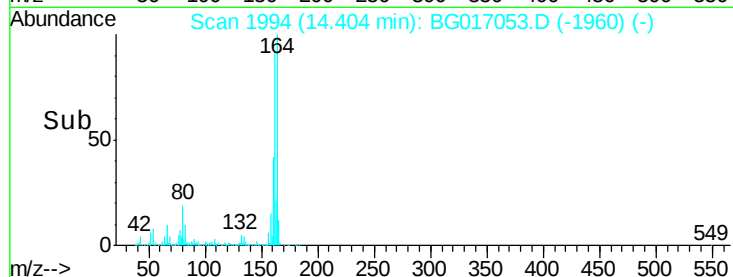
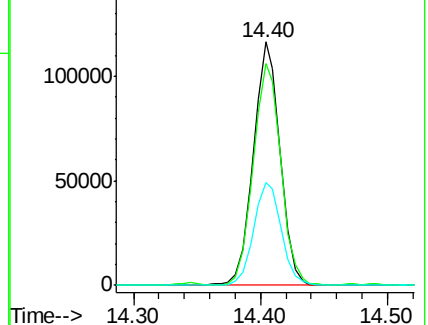
160 42.4 34.7 52.1



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: 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

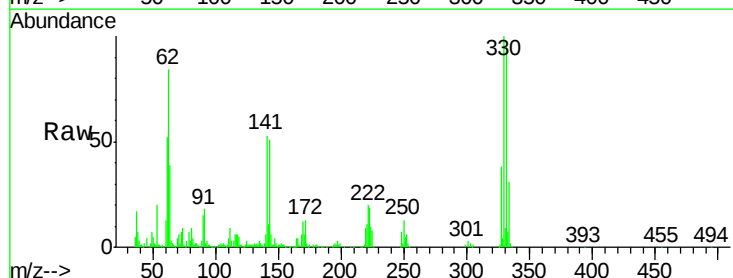
Tgt Ion:330 Resp: 136850

Ion Ratio Lower Upper

330 100

332 93.7 0.0 0.0#

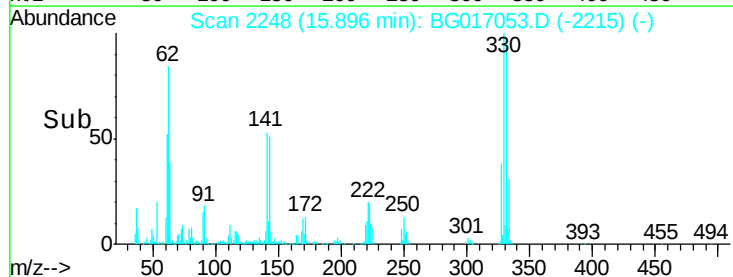
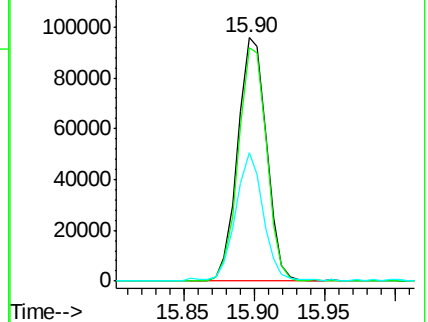
141 51.4 0.0 0.0#

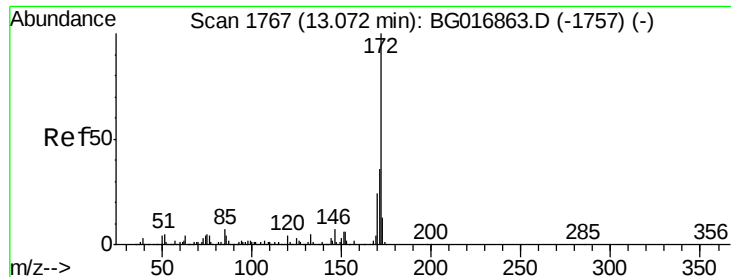


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 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

Instrument :

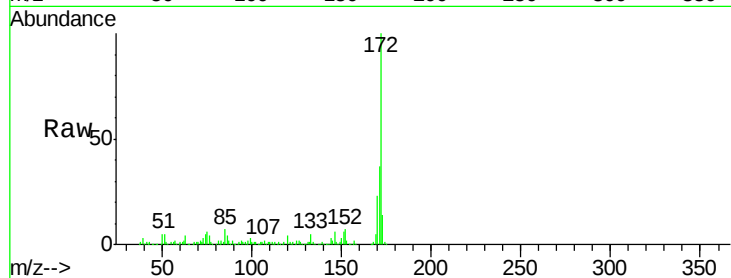
BNA_G

ClientSampleId :

DCW-WW-131-5515DL

Tgt Ion:172 Resp: 525017

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

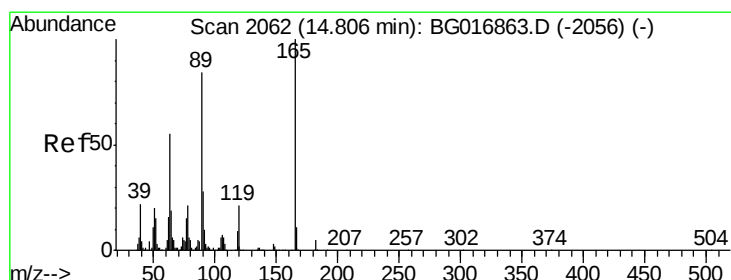
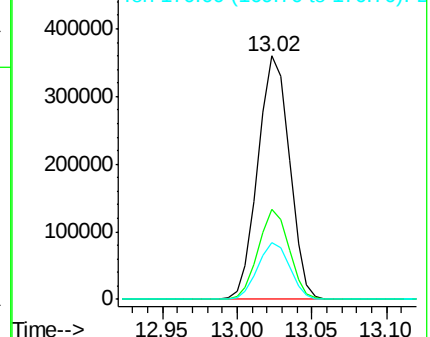
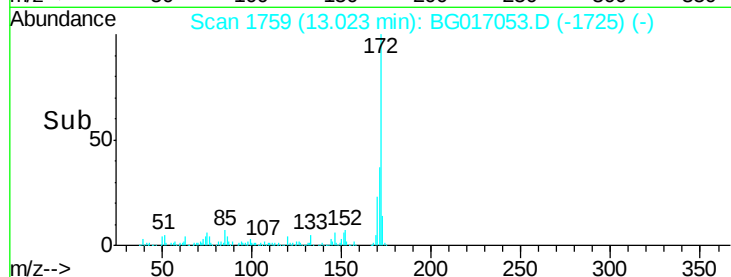


Abundance

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



#56

2,4-Dinitrotoluene

Concen: 3.58 ng

RT: 14.77 min Scan# 2056

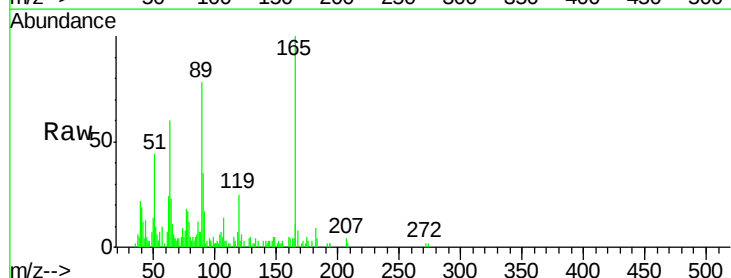
Delta R.T. -0.01 min

Lab File: BG017053.D

Acq: 11 May 2015 15:07

Tgt 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



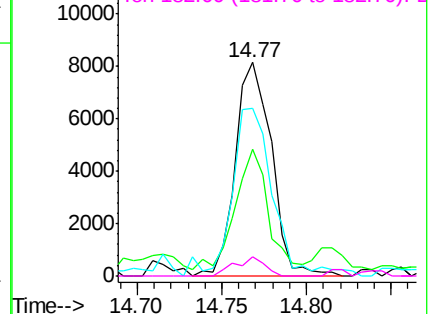
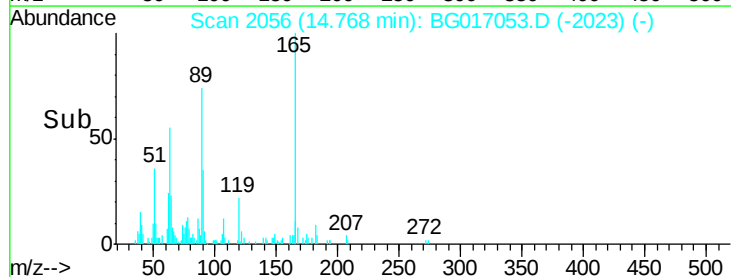
Abundance

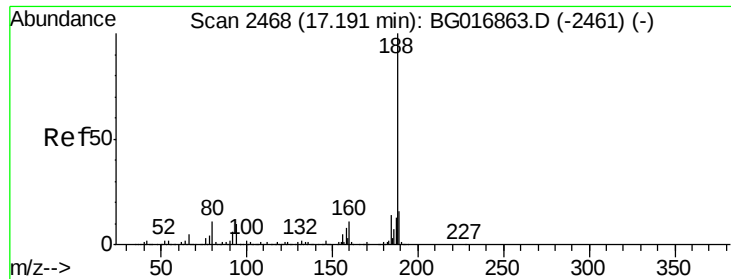
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

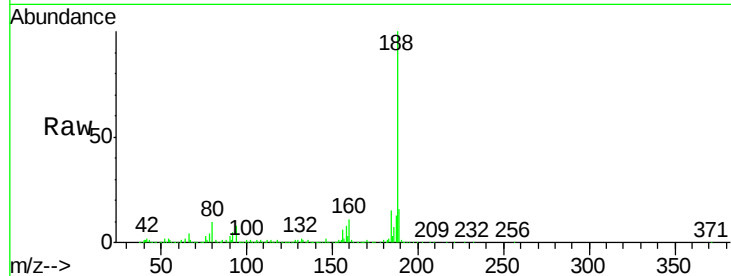




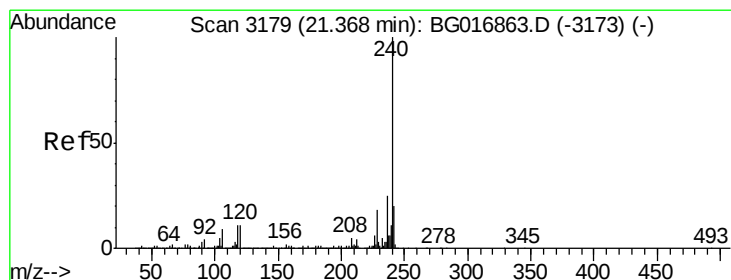
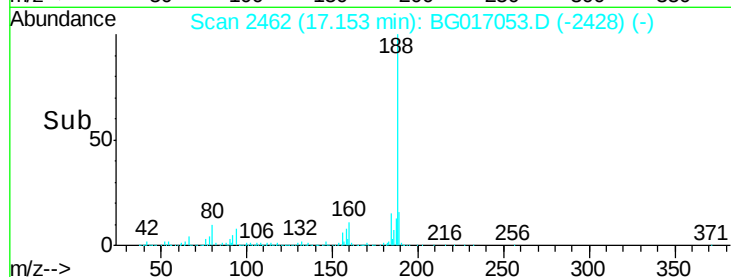
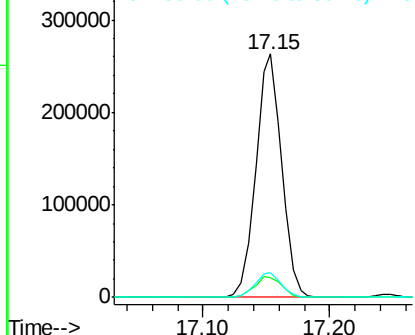
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.15 min Scan# 2462
Delta R.T. -0.00 min
Lab File: BG017053.D
Acq: 11 May 2015 15:07

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

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

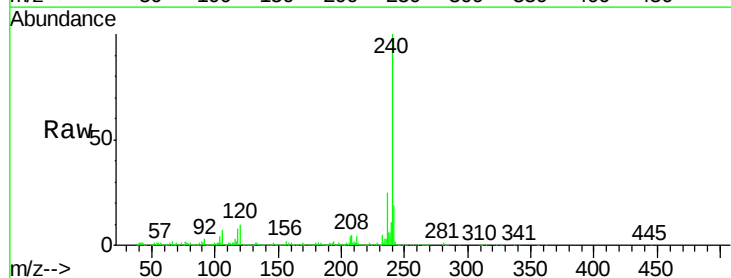


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

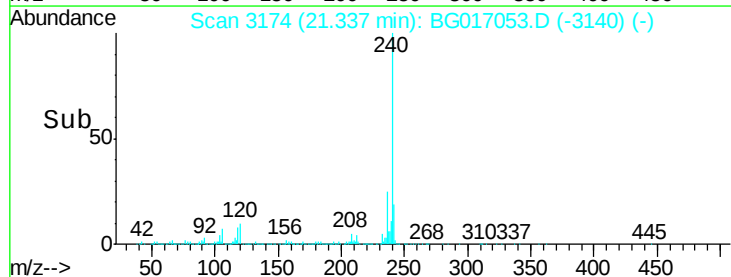
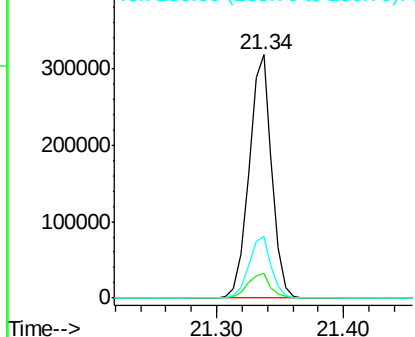


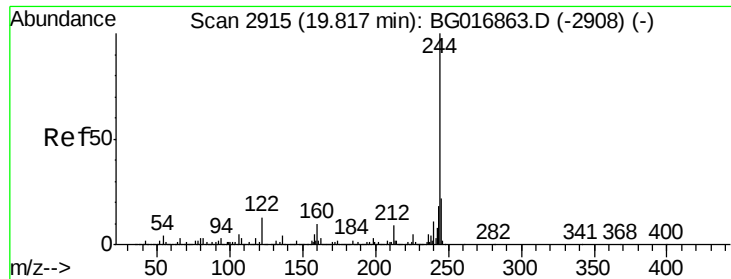
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.34 min Scan# 3174
Delta R.T. -0.00 min
Lab File: BG017053.D
Acq: 11 May 2015 15:07

Tgt Ion:240 Resp: 394317
Ion Ratio Lower Upper
240 100
120 10.0 9.1 13.7
236 25.3 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: 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

Instrument :

BNA_G

ClientSampleId :

DCW-WW-131-5515DL

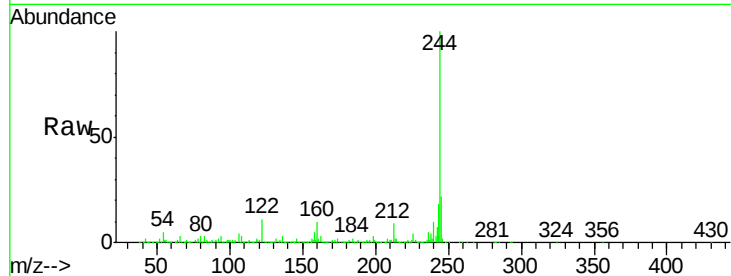
Tgt Ion:244 Resp: 861197

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.6

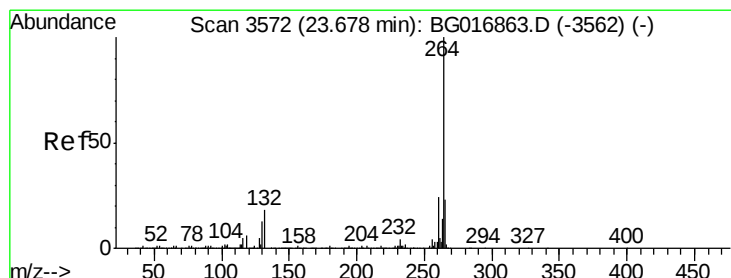
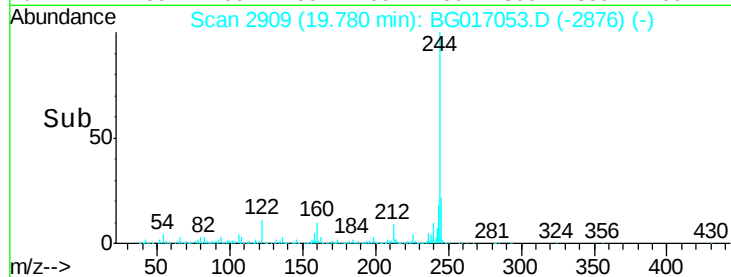
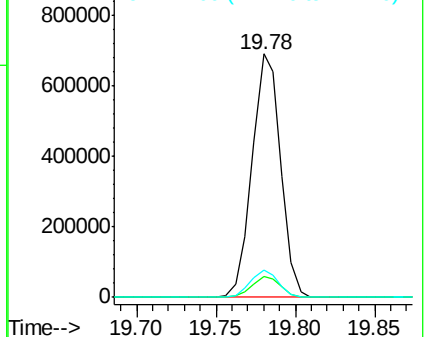
122 11.1 10.4 15.6



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# 3563

Delta R.T. -0.01 min

Lab File: BG017053.D

Acq: 11 May 2015 15:07

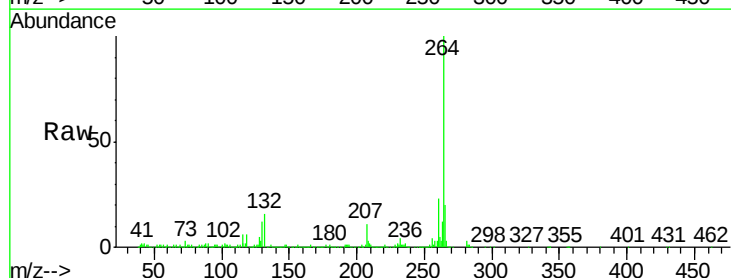
Tgt Ion:264 Resp: 385262

Ion Ratio Lower Upper

264 100

260 23.5 19.5 29.3

265 20.5 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

