

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051215\
 Data File : BG017097.D
 Acq On : 12 May 2015 23:31
 Operator : TP/IZ
 Sample : G2194-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TU021-SB-17-7.5

Quant Time: May 13 03:43:57 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 13 03:27:55 2015
 Response via : Initial Calibration

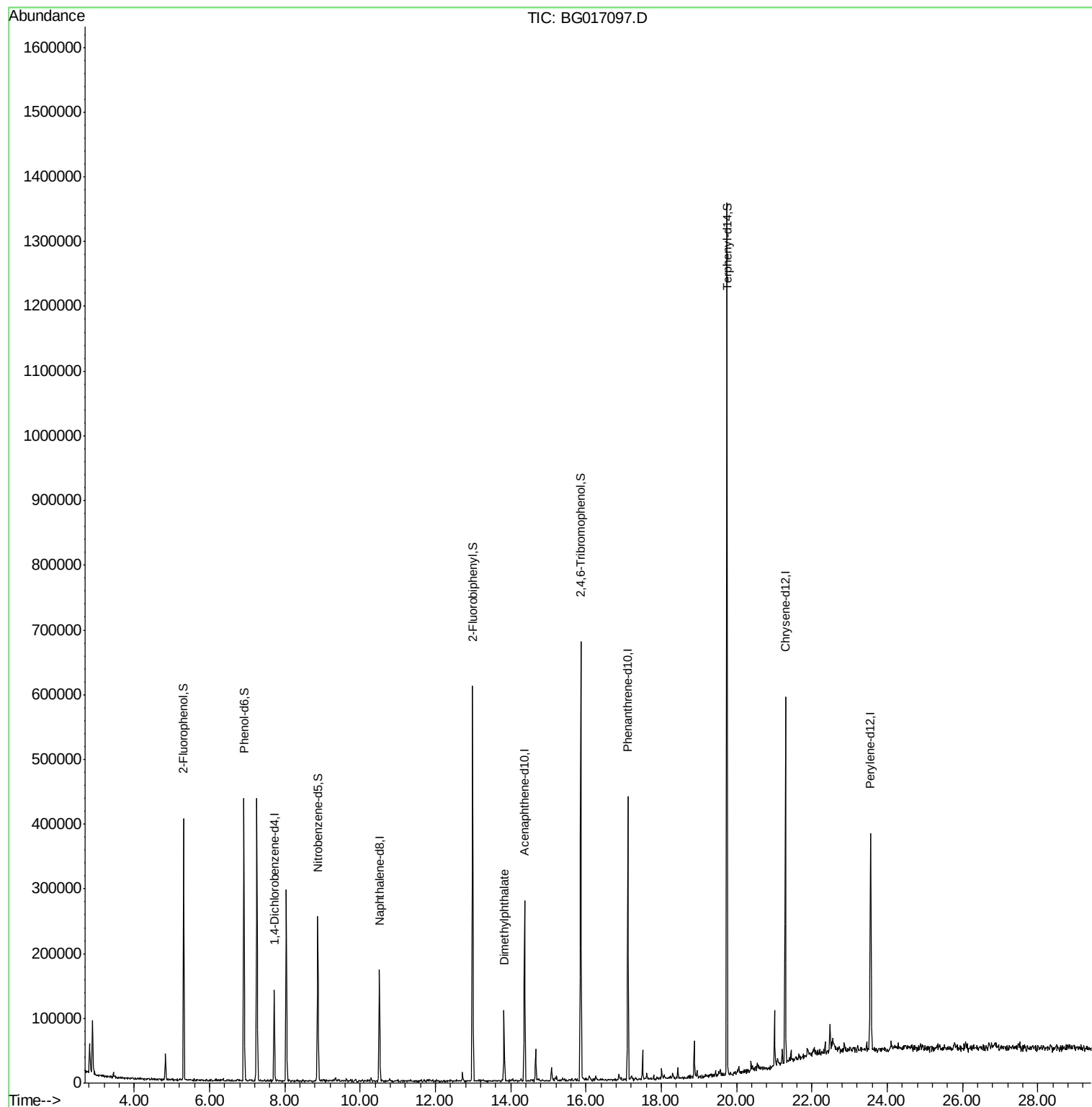
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	29686	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	121885	20.00	ng	0.00
38) Acenaphthene-d10	14.37	164	85520	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	212621	20.00	ng	0.00
75) Chrysene-d12	21.29	240	236282	20.00	ng	0.00
86) Perylene-d12	23.56	264	244995	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	127165	74.59	ng	0.00
7) Phenol-d6	6.91	99	169410	69.55	ng	0.00
23) Nitrobenzene-d5	8.87	82	119115	47.74	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	87223	101.59	ng	0.00
44) 2-Fluorobiphenyl	12.99	172	252480	44.55	ng	0.00
78) Terphenyl-d14	19.74	244	492041	48.82	ng	0.00
Target Compounds						
32) Benzoic acid	9.82	122	55	Below Cal	#	1
49) Dimethylphthalate	13.83	163	58660	9.19 ng	#	96

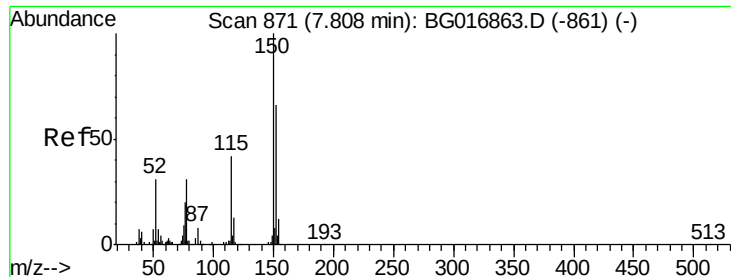
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.72 min Scan# 856

Delta R.T. 0.00 min

Lab File: BG017097.D

Acq: 12 May 2015 23:31

Instrument :

BNA_G

ClientSampleId :

TU021-SB-17-7.5

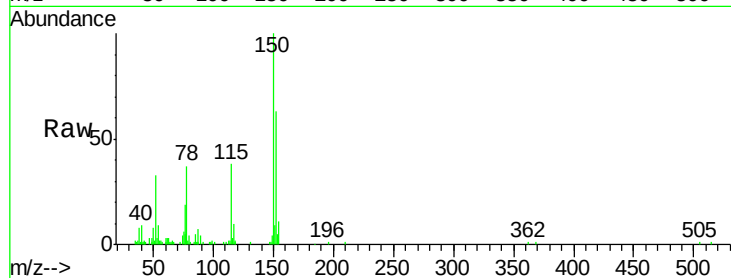
Tgt Ion:152 Resp: 29686

Ion Ratio Lower Upper

152 100

150 158.5 121.0 181.4

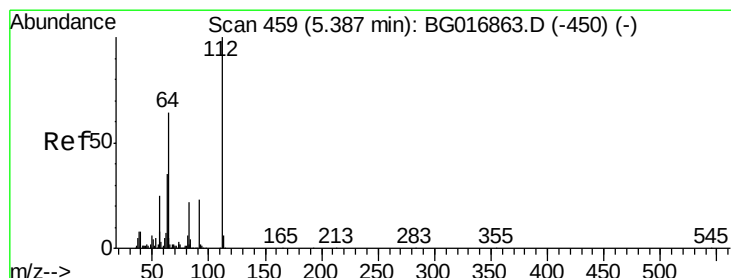
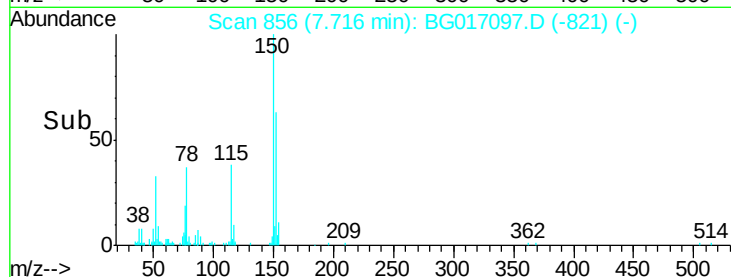
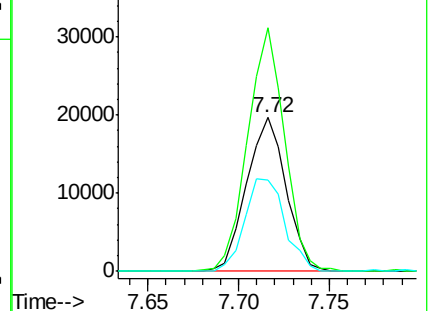
115 59.8 50.5 75.7



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: 74.59 ng

RT: 5.31 min Scan# 447

Delta R.T. 0.00 min

Lab File: BG017097.D

Acq: 12 May 2015 23:31

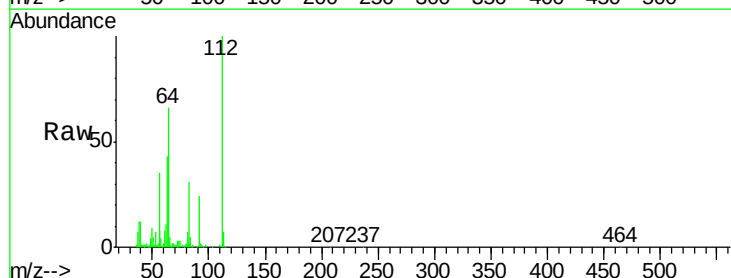
Tgt Ion:112 Resp: 127165

Ion Ratio Lower Upper

112 100

64 65.6 51.4 77.2

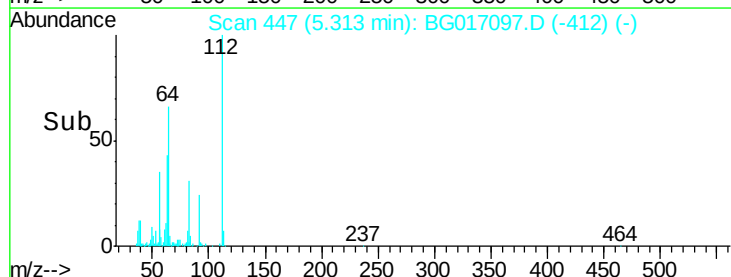
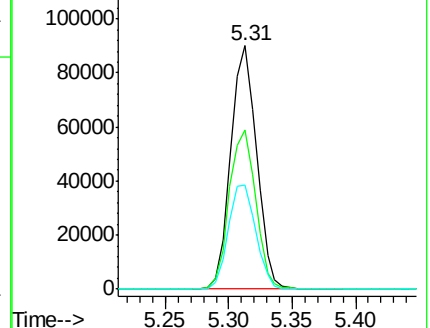
63 42.8 28.1 42.1#

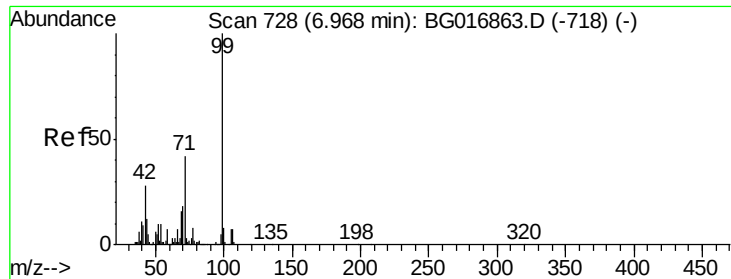


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 69.55 ng

RT: 6.91 min Scan# 719

Delta R.T. -0.00 min

Lab File: BG017097.D

Acq: 12 May 2015 23:31

Instrument :

BNA_G

ClientSampleId :

TU021-SB-17-7.5

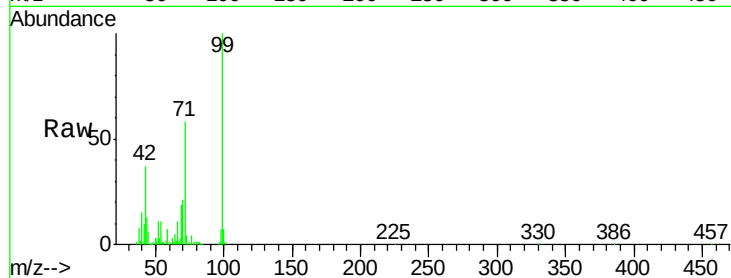
Tgt Ion: 99 Resp: 169410

Ion Ratio Lower Upper

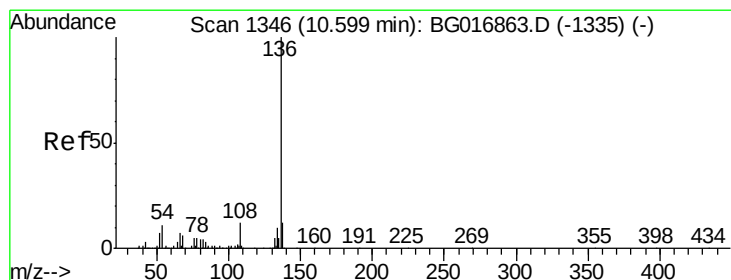
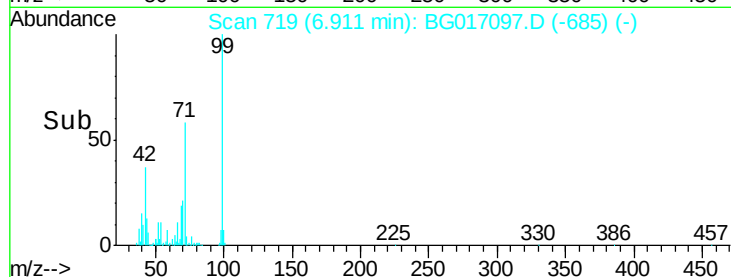
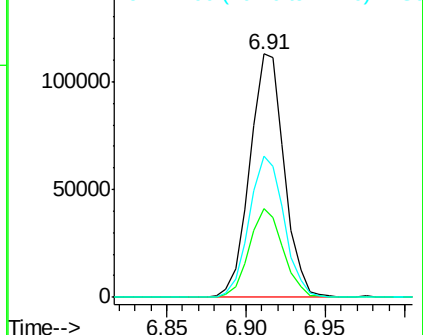
99 100

42 36.6 22.1 33.1#

71 57.9 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: 10.51 min Scan# 1331

Delta R.T. -0.00 min

Lab File: BG017097.D

Acq: 12 May 2015 23:31

Tgt Ion: 136 Resp: 121885

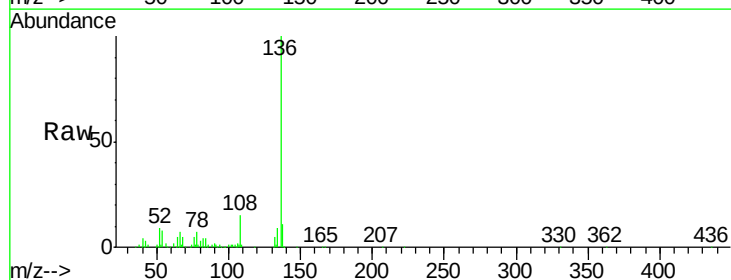
Ion Ratio Lower Upper

136 100

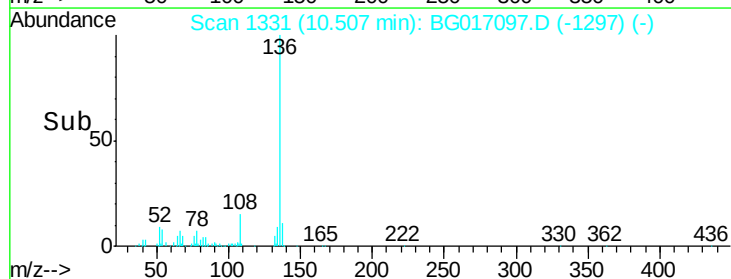
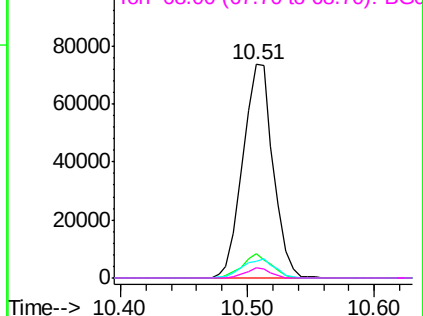
137 11.4 9.8 14.8

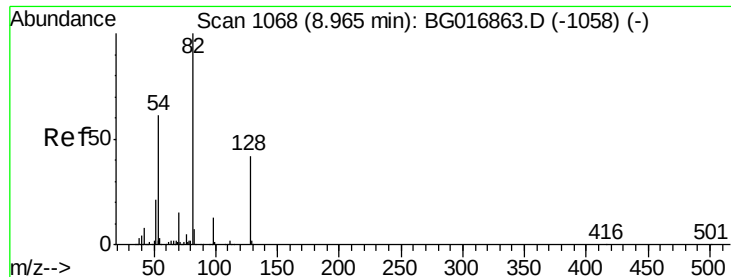
54 8.1 8.7 13.1#

68 5.0 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

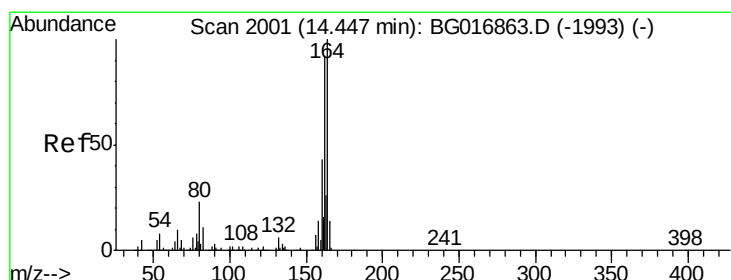
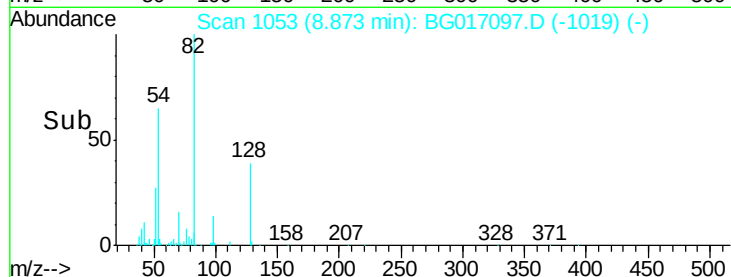
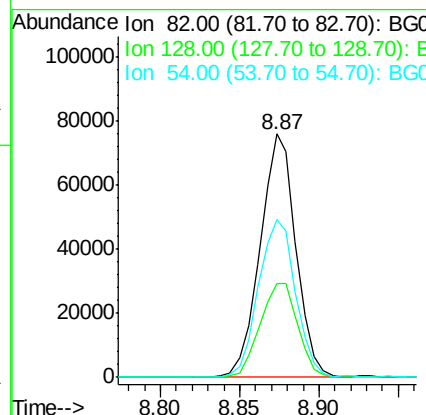
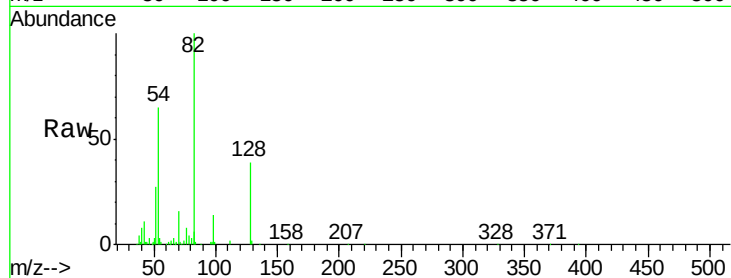




#23
 Nitrobenzene-d5
 Concen: 47.74 ng
 RT: 8.87 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: BG017097.D
 Acq: 12 May 2015 23:31

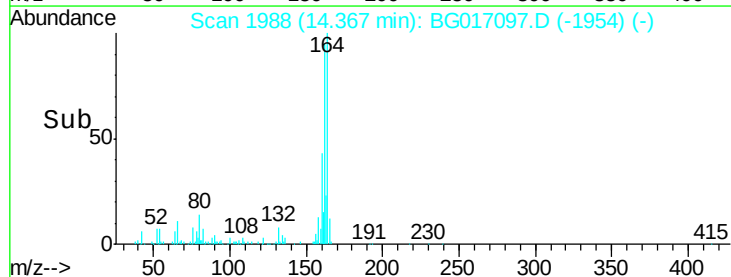
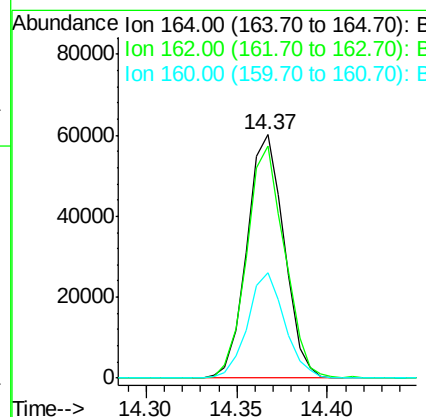
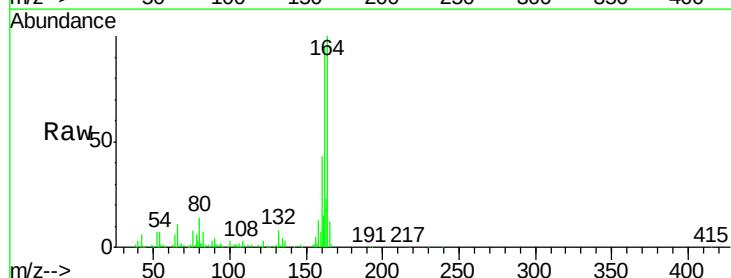
Instrument :
 BNA_G
 ClientSampleId :
 TU021-SB-17-7.5

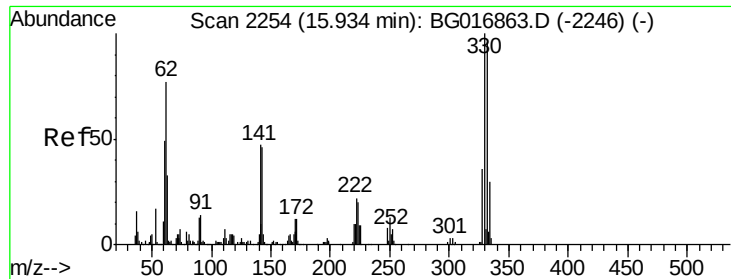
Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.6	33.2	49.8
54	64.6	48.6	72.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.37 min Scan# 1988
 Delta R.T. -0.00 min
 Lab File: BG017097.D
 Acq: 12 May 2015 23:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.3	74.0	111.0
160	43.5	34.7	52.1

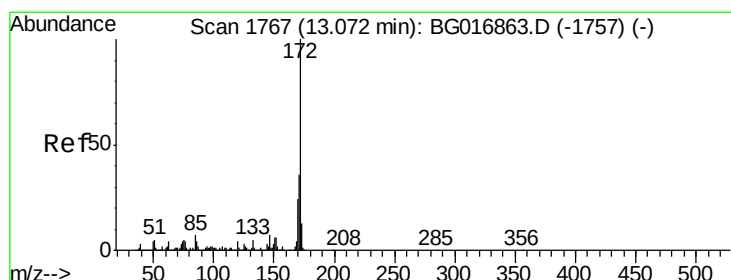
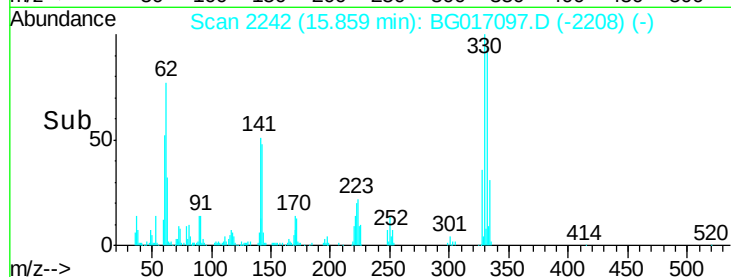
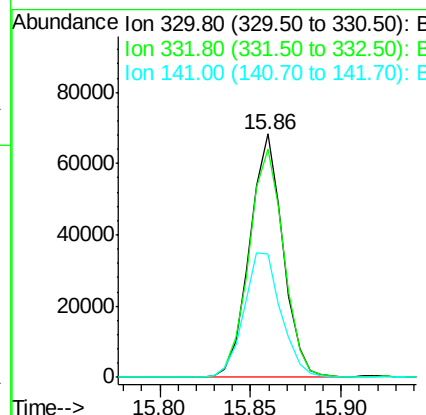
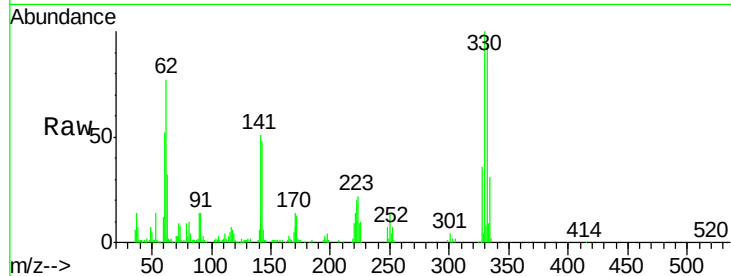




#41
 2,4,6-Tribromophenol
 Concen: 101.59 ng
 RT: 15.86 min Scan# 2242
 Delta R.T. -0.00 min
 Lab File: BG017097.D
 Acq: 12 May 2015 23:31

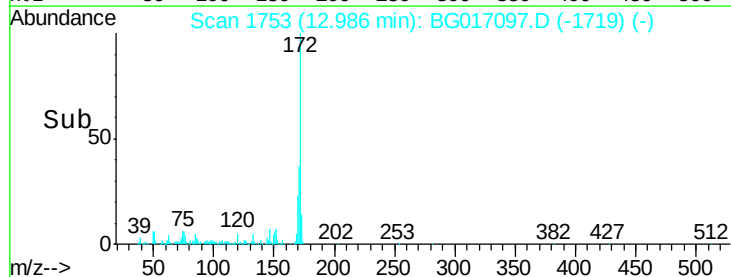
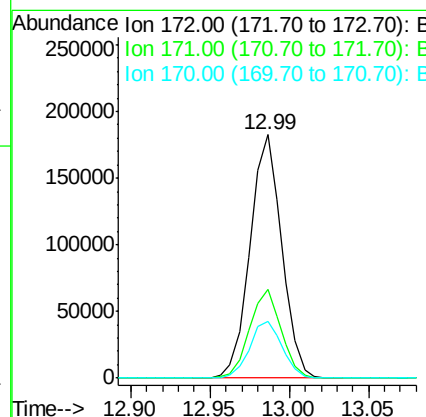
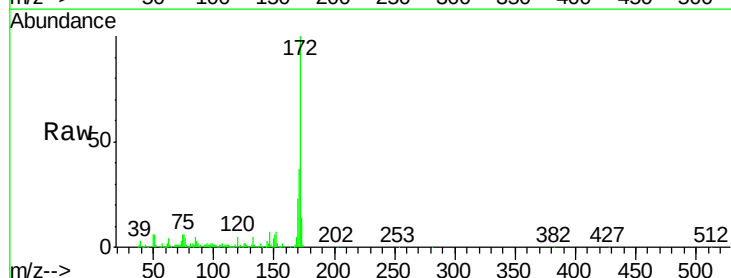
Instrument :
 BNA_G
 ClientSampleId :
 TU021-SB-17-7.5

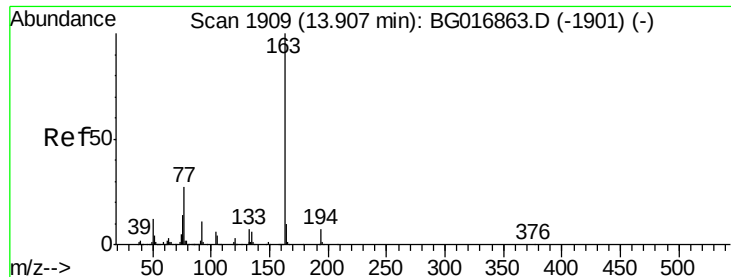
Tgt Ion: 330 Resp: 87223
 Ion Ratio Lower Upper
 330 100
 332 98.1 0.0 0.0#
 141 57.4 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 44.55 ng
 RT: 12.99 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: BG017097.D
 Acq: 12 May 2015 23:31

Tgt Ion: 172 Resp: 252480
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.0 43.4
 170 23.2 19.0 28.4





#49

Dimethylphthalate

Concen: 9.19 ng

RT: 13.83 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BG017097.D

Acq: 12 May 2015 23:31

Instrument :

BNA_G

ClientSampleId :

TU021-SB-17-7.5

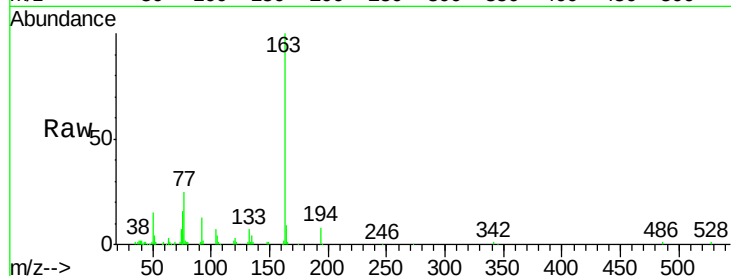
Tgt Ion:163 Resp: 58660

Ion Ratio Lower Upper

163 100

194 8.4 5.2 7.8#

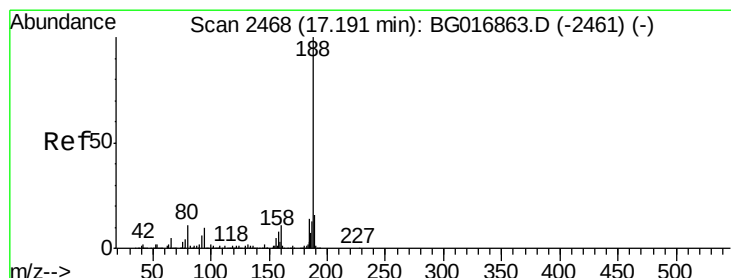
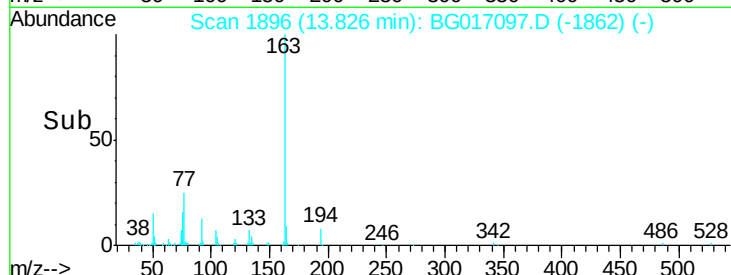
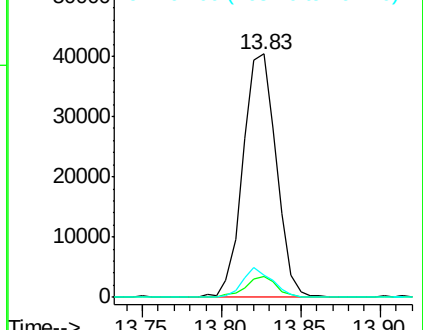
164 9.2 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.11 min Scan# 2455

Delta R.T. -0.00 min

Lab File: BG017097.D

Acq: 12 May 2015 23:31

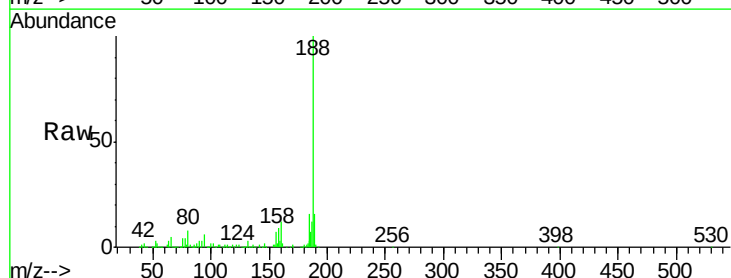
Tgt Ion:188 Resp: 212621

Ion Ratio Lower Upper

188 100

94 6.3 8.2 12.4#

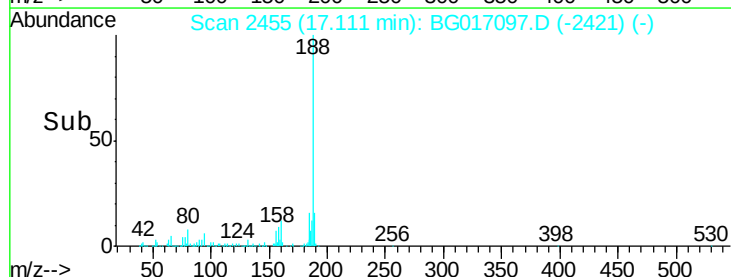
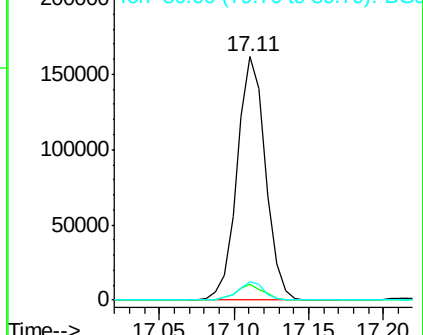
80 7.7 8.8 13.2#

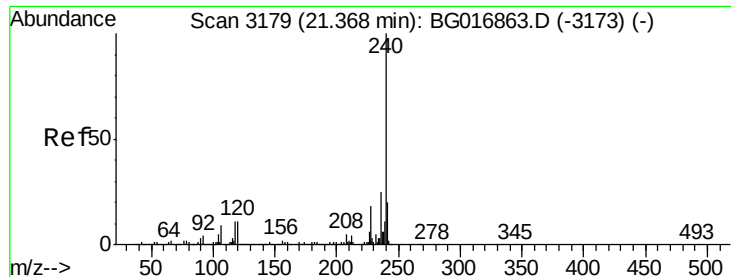


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.29 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG017097.D

Acq: 12 May 2015 23:31

Instrument :

BNA_G

ClientSampleId :

TU021-SB-17-7.5

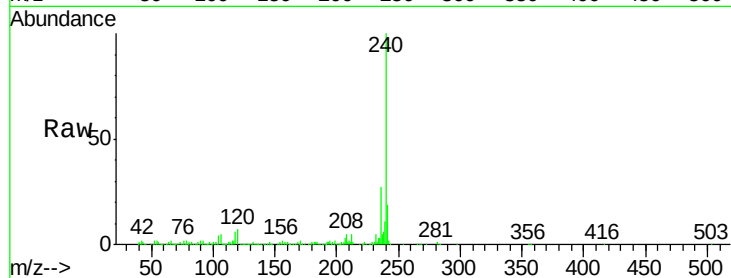
Tgt Ion:240 Resp: 236282

Ion Ratio Lower Upper

240 100

120 7.3 9.1 13.7#

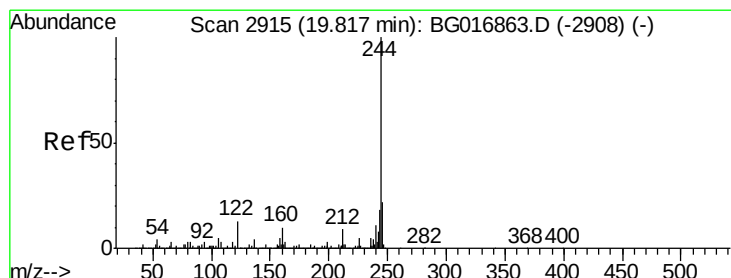
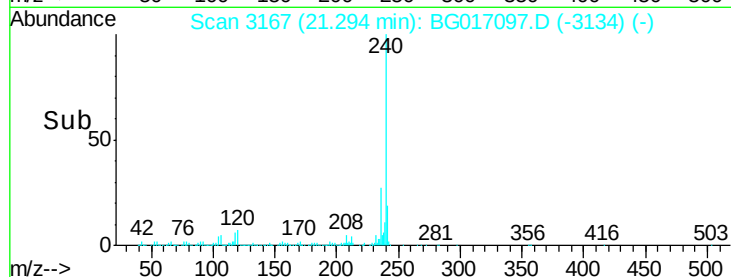
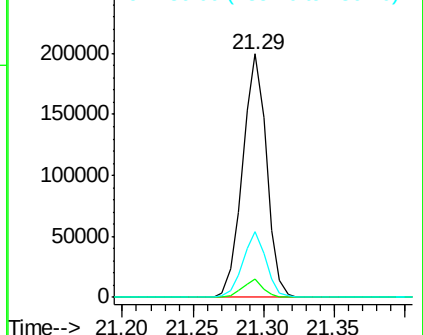
236 27.1 20.2 30.4



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: 48.82 ng

RT: 19.74 min Scan# 2903

Delta R.T. -0.00 min

Lab File: BG017097.D

Acq: 12 May 2015 23:31

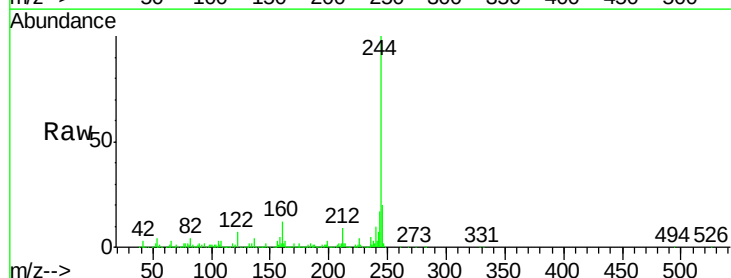
Tgt Ion:244 Resp: 492041

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.6

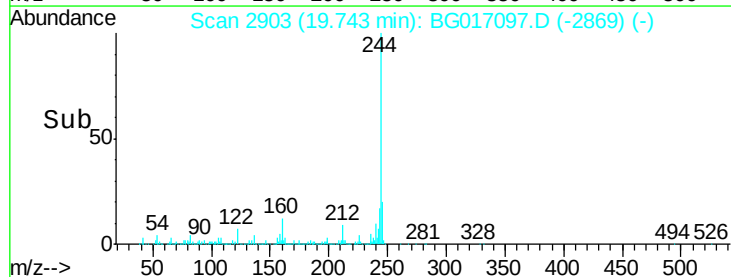
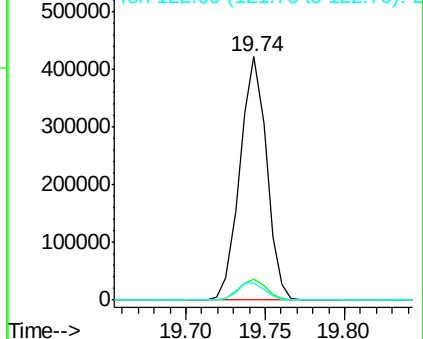
122 7.3 10.4 15.6#

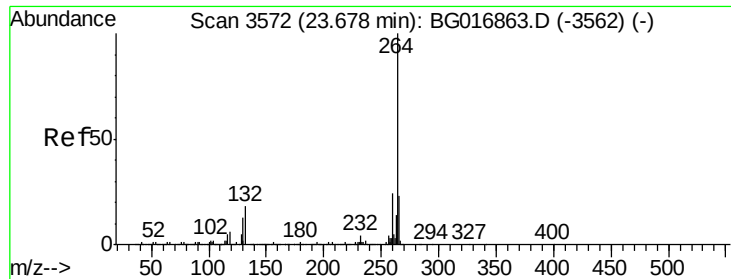


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.56 min Scan# 3552
Delta R.T. -0.01 min
Lab File: BG017097.D
Acq: 12 May 2015 23:31

Instrument :
BNA_G
ClientSampleId :
TU021-SB-17-7.5

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	18.0	18.5	27.7#

