

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051215\
 Data File : BG017095.D
 Acq On : 12 May 2015 22:21
 Operator : TP/IZ
 Sample : G2196-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 KBY-SB-7(6-8)

Quant Time: May 13 03:43:30 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

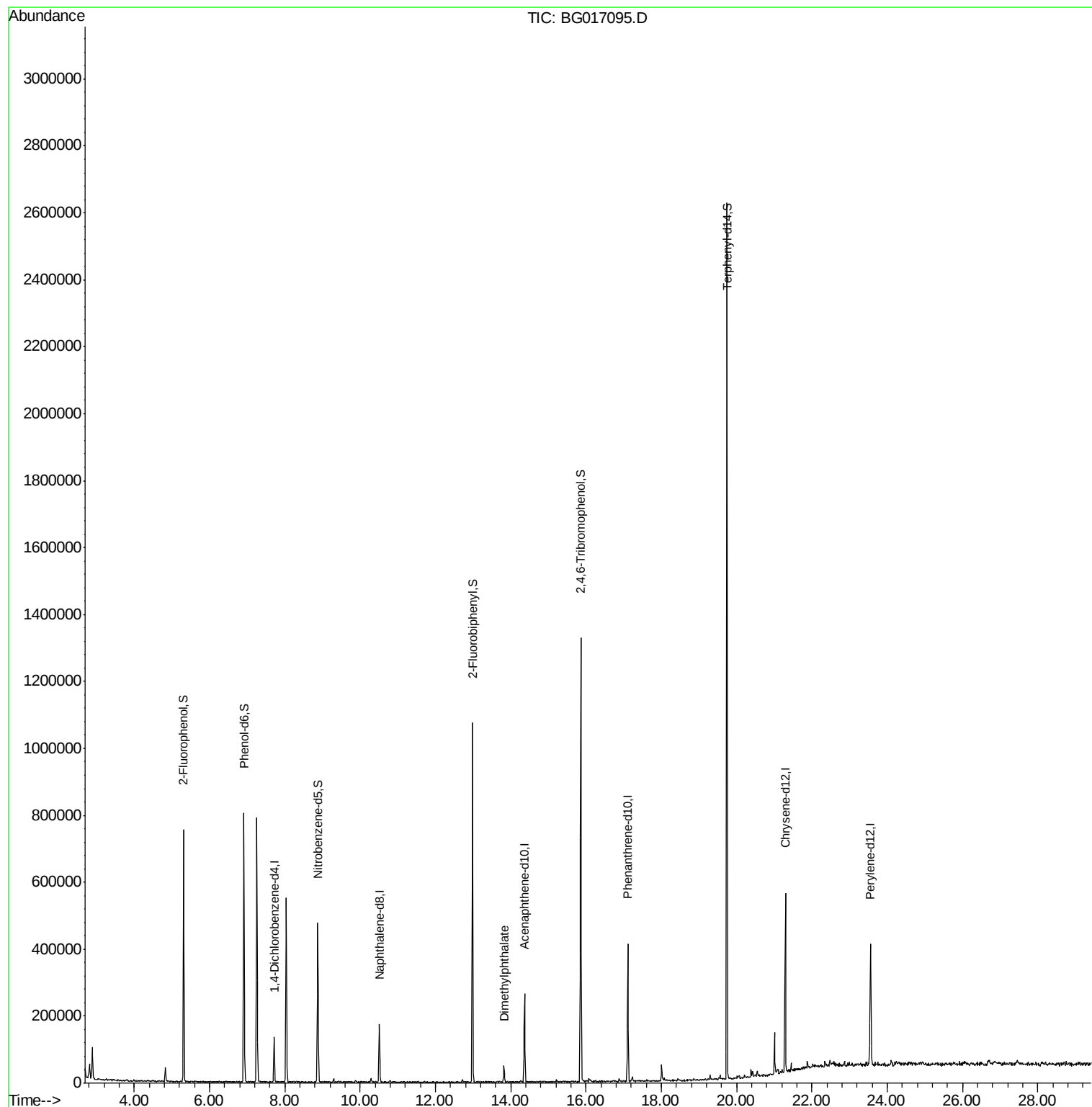
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	27917	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	113048	20.00	ng	0.00
38) Acenaphthene-d10	14.36	164	81811	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	205807	20.00	ng	0.00
75) Chrysene-d12	21.30	240	237919	20.00	ng	0.00
86) Perylene-d12	23.56	264	243667	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	239247	149.22	ng	0.00
7) Phenol-d6	6.91	99	314020	137.09	ng	0.00
23) Nitrobenzene-d5	8.88	82	220786	95.41	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	174821	212.86	ng	0.00
44) 2-Fluorobiphenyl	12.99	172	464775	85.73	ng	0.00
78) Terphenyl-d14	19.75	244	953228	93.92	ng	0.00
Target Compounds						
32) Benzoic acid	9.79	122	66	Below Cal	#	1
49) Dimethylphthalate	13.83	163	25851	4.23 ng	#	93

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

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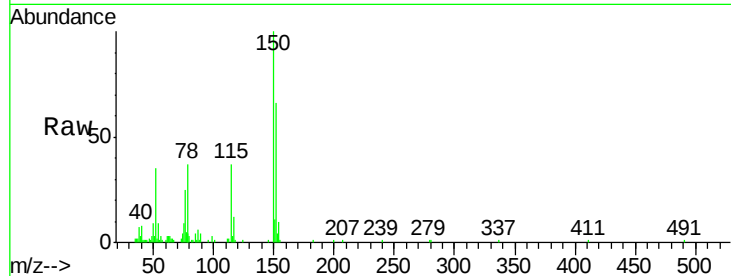


#1

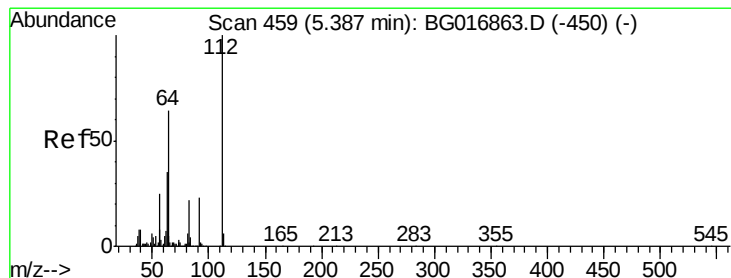
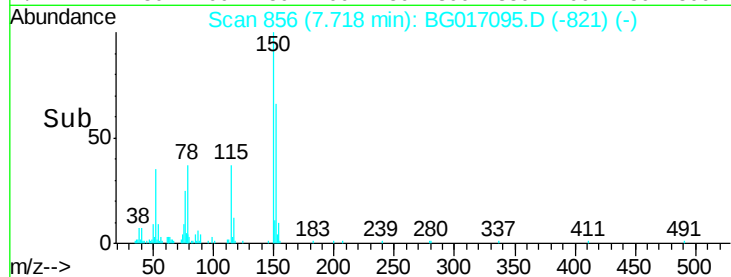
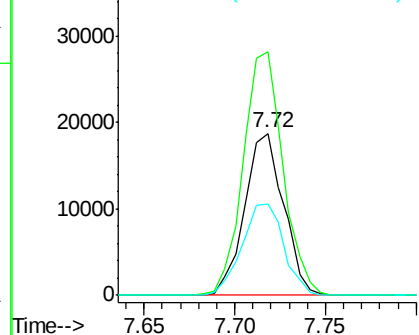
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 856
Delta R.T. 0.01 min
Lab File: BG017095.D
Acq: 12 May 2015 22:21

Instrument :
BNA_G
ClientSampleId :
KBY-SB-7(6-8)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	150.4	121.0	181.4
115	56.3	50.5	75.7



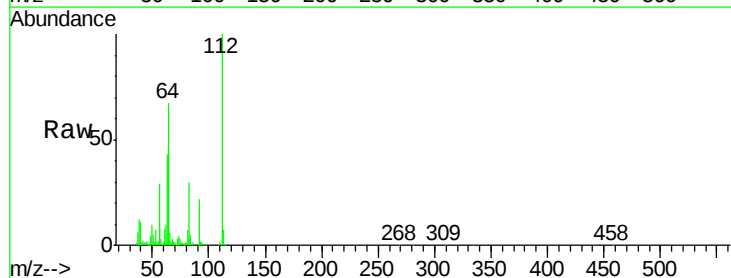
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



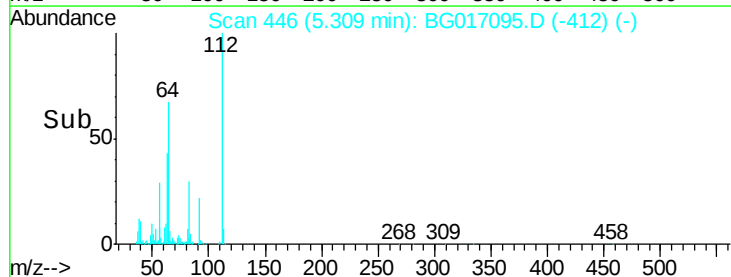
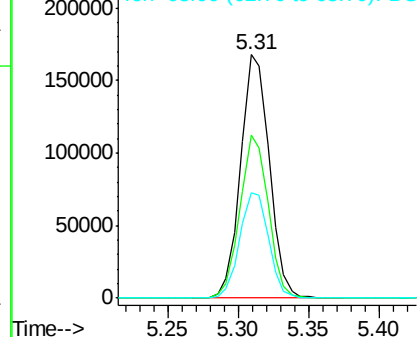
#5

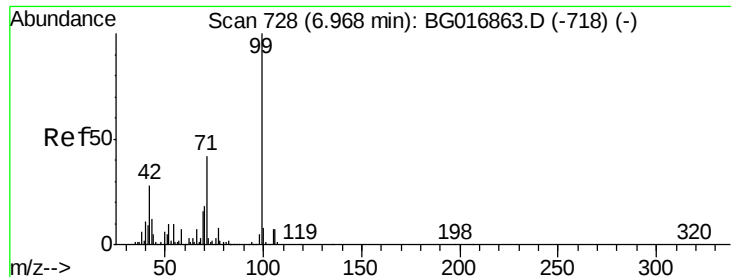
2-Fluorophenol
Concen: 149.22 ng
RT: 5.31 min Scan# 446
Delta R.T. -0.00 min
Lab File: BG017095.D
Acq: 12 May 2015 22:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.9	51.4	77.2
63	43.3	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: 137.09 ng

RT: 6.91 min Scan# 719

Delta R.T. -0.00 min

Lab File: BG017095.D

Acq: 12 May 2015 22:21

Instrument :

BNA_G

ClientSampleId :

KBY-SB-7(6-8)

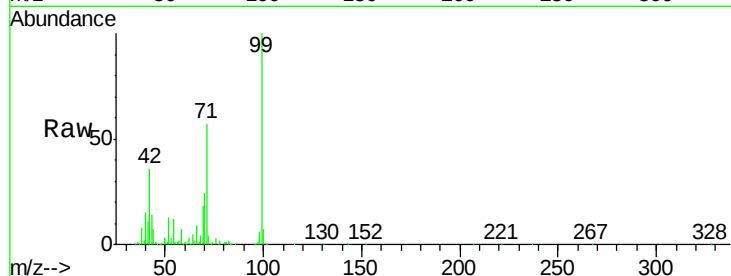
Tgt Ion: 99 Resp: 314020

Ion Ratio Lower Upper

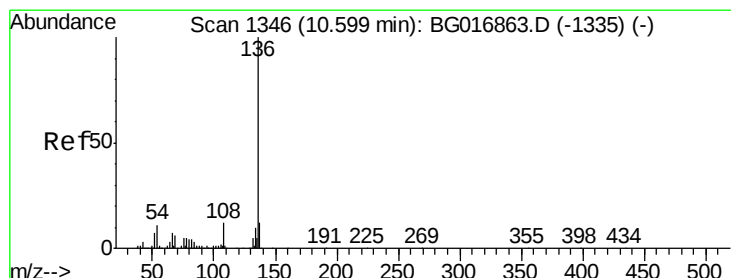
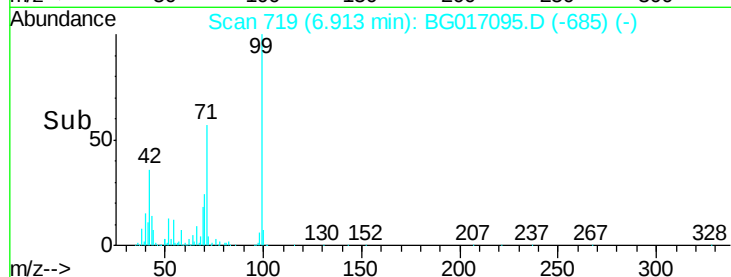
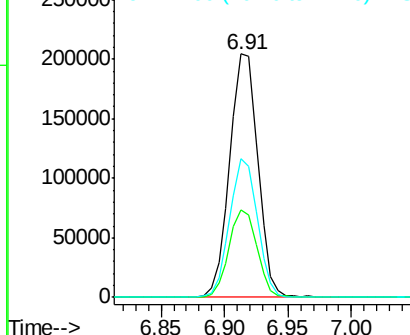
99 100

42 35.9 22.1 33.1#

71 57.1 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: BG017095.D

Acq: 12 May 2015 22:21

Tgt Ion: 136 Resp: 113048

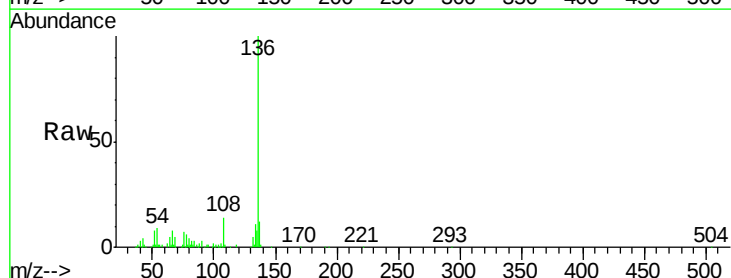
Ion Ratio Lower Upper

136 100

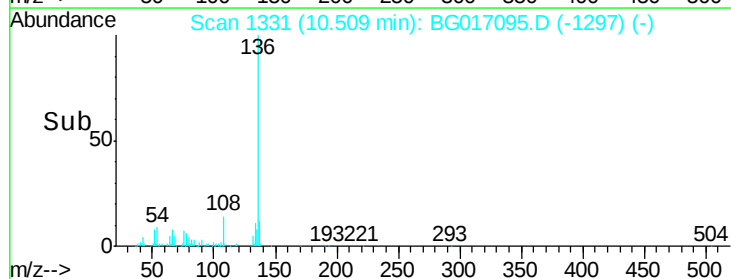
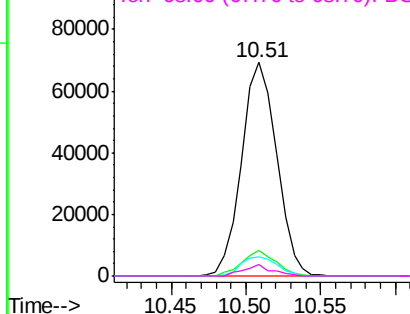
137 12.3 9.8 14.8

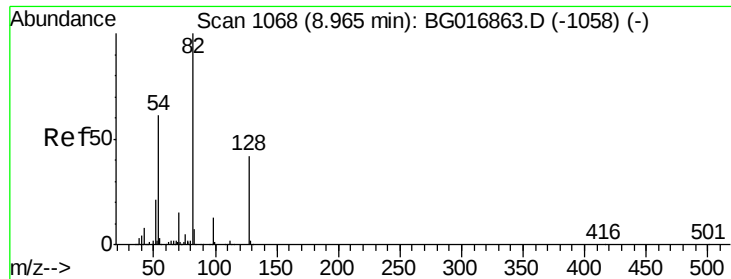
54 9.3 8.7 13.1

68 5.5 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

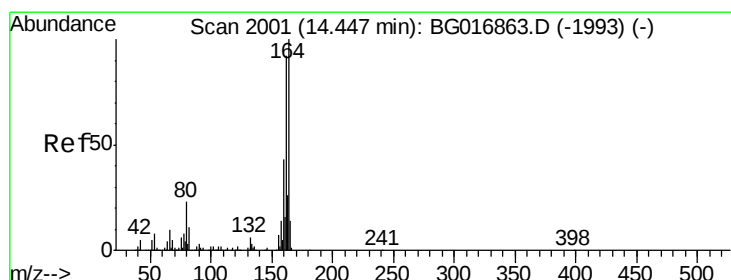
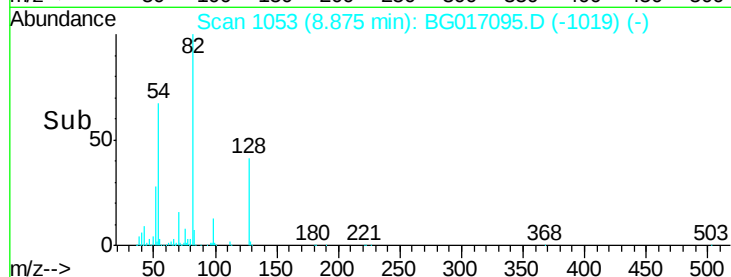
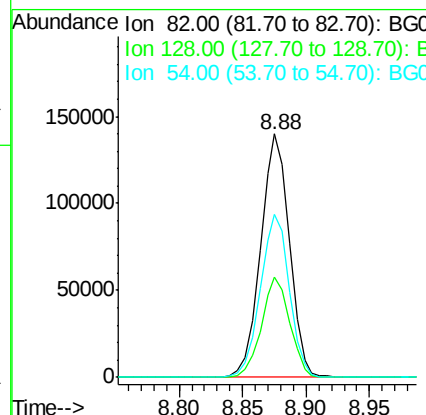
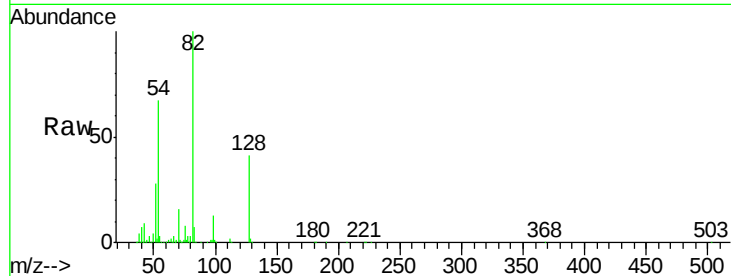




#23
 Nitrobenzene-d5
 Concen: 95.41 ng
 RT: 8.88 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: BG017095.D
 Acq: 12 May 2015 22:21

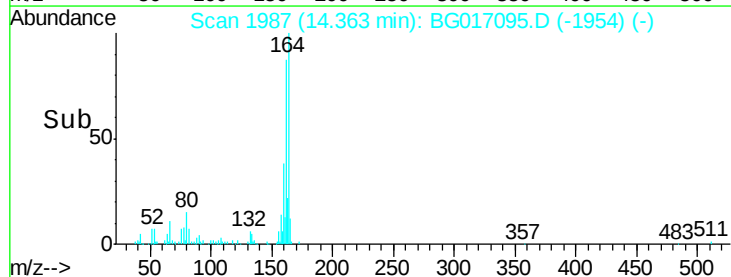
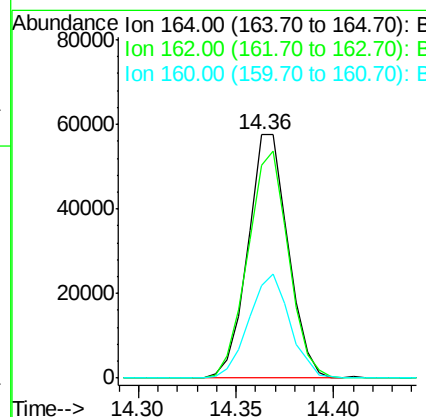
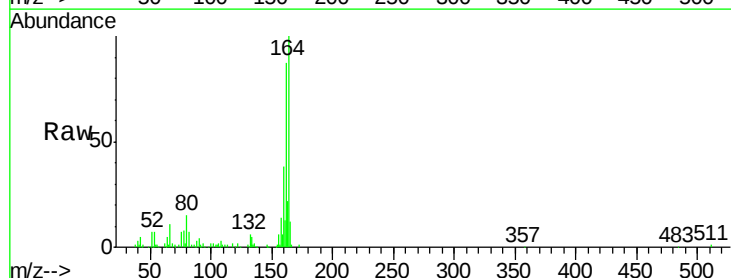
Instrument :
 BNA_G
 ClientSampleId :
 KBY-SB-7(6-8)

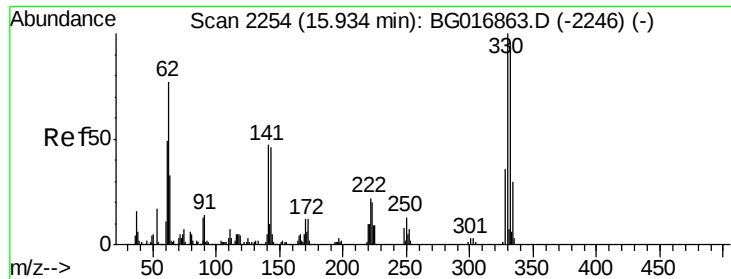
Tgt Ion: 82 Resp: 220786
 Ion Ratio Lower Upper
 82 100
 128 41.1 33.2 49.8
 54 67.0 48.6 72.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.36 min Scan# 1987
 Delta R.T. -0.01 min
 Lab File: BG017095.D
 Acq: 12 May 2015 22:21

Tgt Ion: 164 Resp: 81811
 Ion Ratio Lower Upper
 164 100
 162 87.2 74.0 111.0
 160 38.1 34.7 52.1

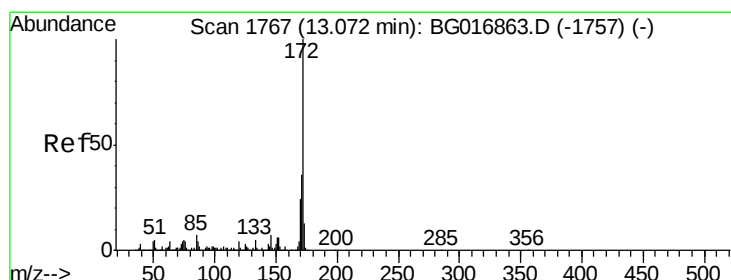
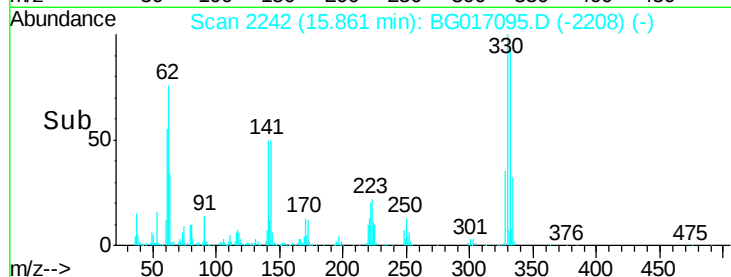
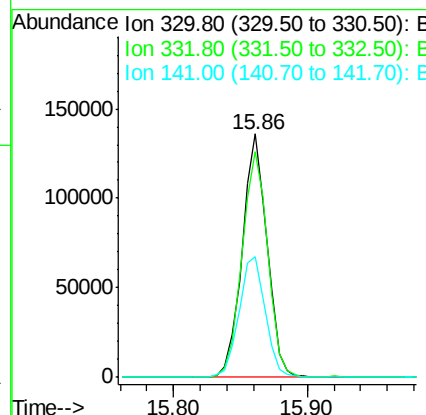
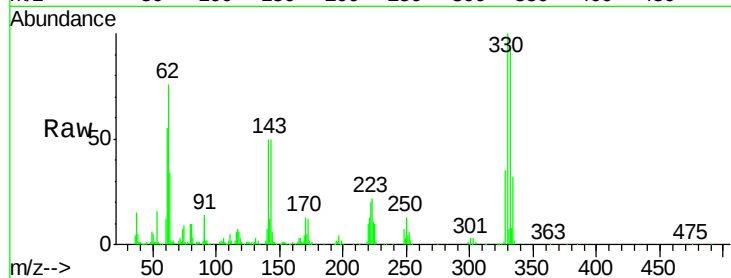




#41
 2,4,6-Tribromophenol
 Concen: 212.86 ng
 RT: 15.86 min Scan# 2242
 Delta R.T. -0.00 min
 Lab File: BG017095.D
 Acq: 12 May 2015 22:21

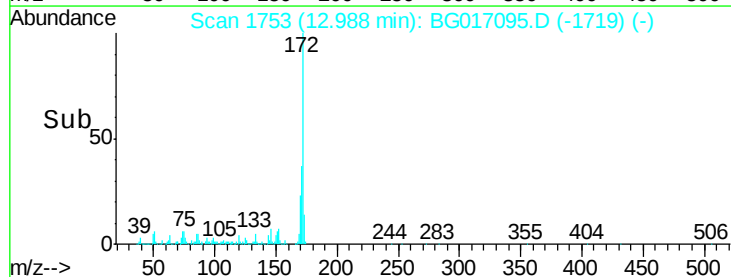
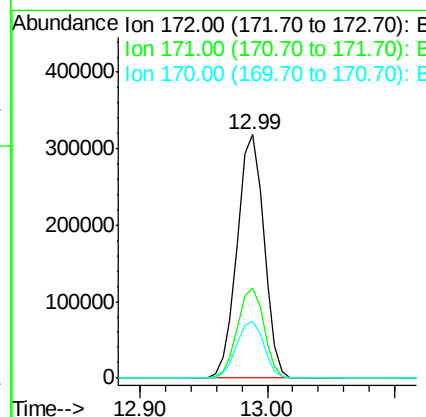
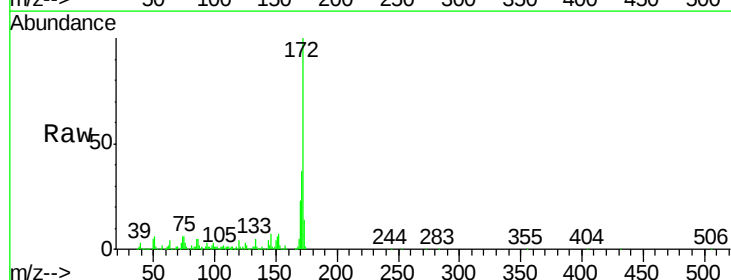
Instrument :
 BNA_G
 ClientSampleId :
 KBY-SB-7(6-8)

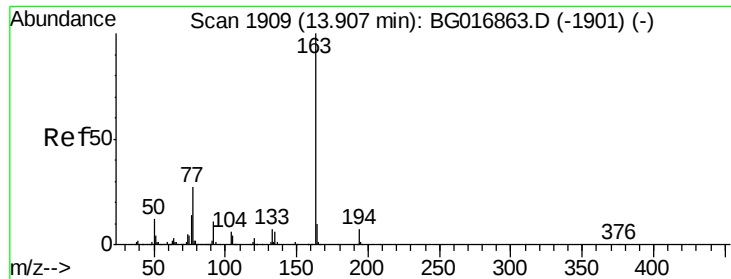
Tgt Ion:330 Resp: 174821
 Ion Ratio Lower Upper
 330 100
 332 96.0 0.0 0.0#
 141 52.9 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 85.73 ng
 RT: 12.99 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: BG017095.D
 Acq: 12 May 2015 22:21

Tgt Ion:172 Resp: 464775
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.0 43.4
 170 23.3 19.0 28.4





#49

Dimethylphthalate

Concen: 4.23 ng

RT: 13.83 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BG017095.D

Acq: 12 May 2015 22:21

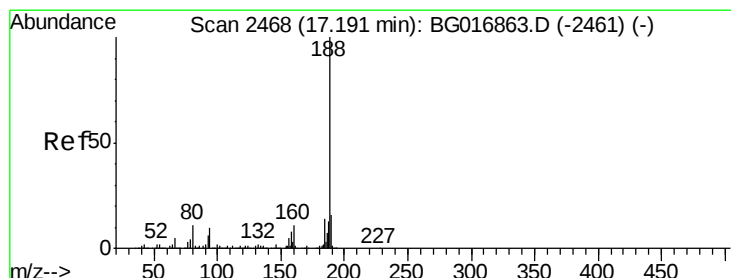
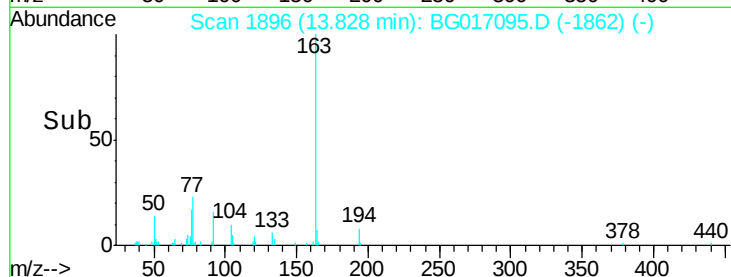
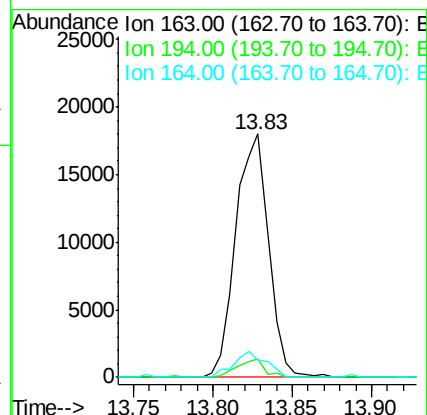
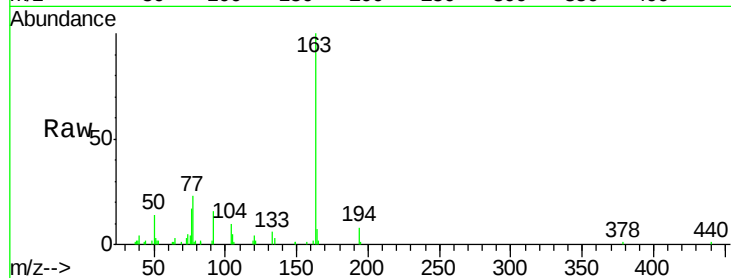
Instrument :

BNA_G

ClientSampleId :

KBY-SB-7(6-8)

Tgt Ion:	163	Resp:	25851
Ion	Ratio	Lower	Upper
163	100		
194	7.8	5.2	7.8
164	6.8	8.4	12.6#



#63

Phenanthrene-d10

Concen: 20.00 ng

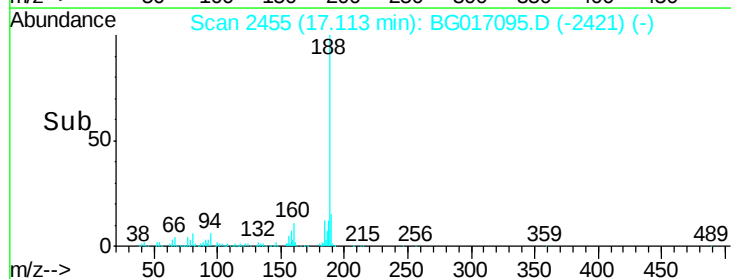
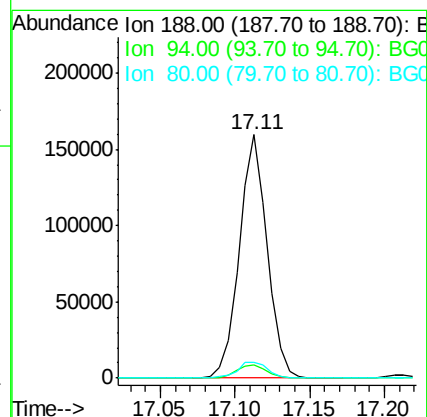
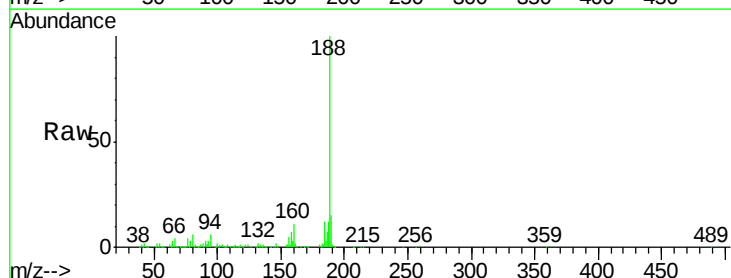
RT: 17.11 min Scan# 2455

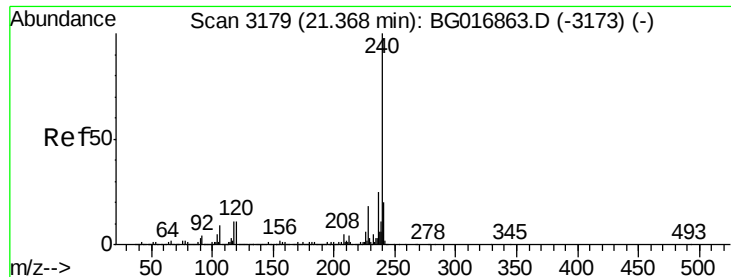
Delta R.T. -0.00 min

Lab File: BG017095.D

Acq: 12 May 2015 22:21

Tgt Ion:	188	Resp:	205807
Ion	Ratio	Lower	Upper
188	100		
94	5.6	8.2	12.4#
80	6.4	8.8	13.2#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.30 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG017095.D

Acq: 12 May 2015 22:21

Instrument :

BNA_G

ClientSampleId :

KBY-SB-7(6-8)

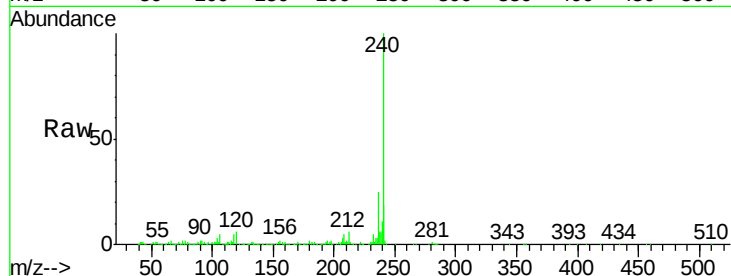
Tgt Ion:240 Resp: 237919

Ion Ratio Lower Upper

240 100

120 5.7 9.1 13.7#

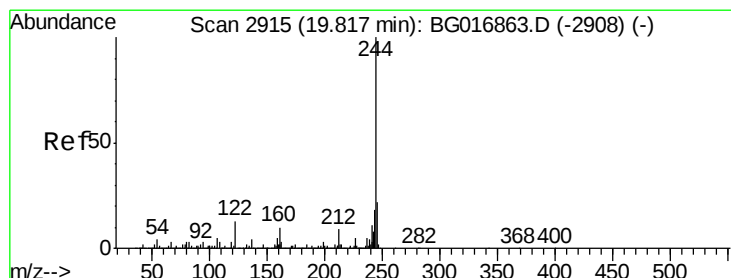
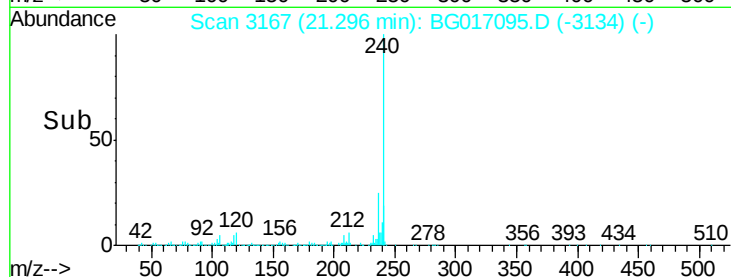
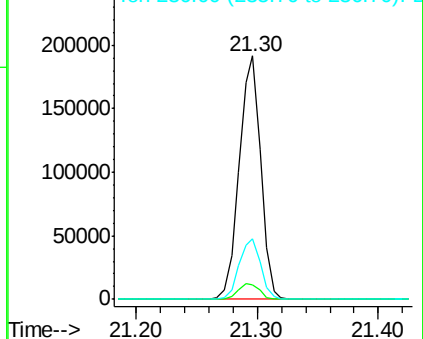
236 25.0 20.2 30.4



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: 93.92 ng

RT: 19.75 min Scan# 2903

Delta R.T. -0.00 min

Lab File: BG017095.D

Acq: 12 May 2015 22:21

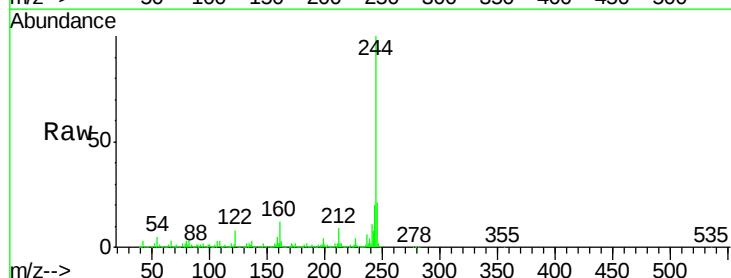
Tgt Ion:244 Resp: 953228

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.6

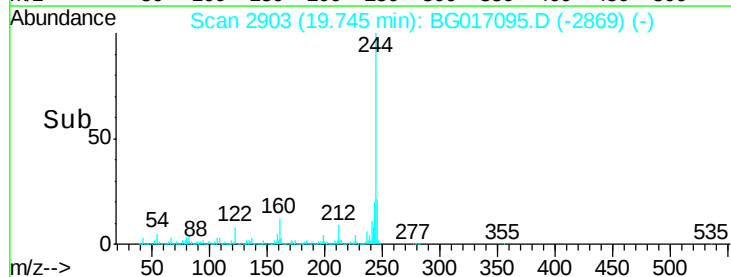
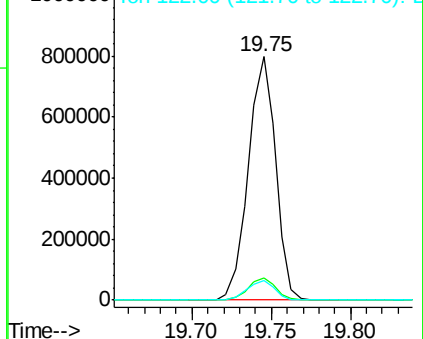
122 8.1 10.4 15.6#

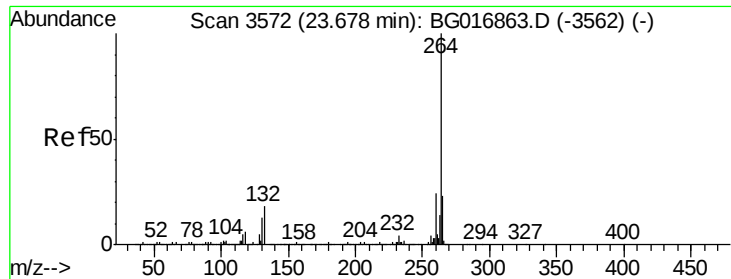


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.56 min Scan# 3552

Delta R.T. -0.01 min

Lab File: BG017095.D

Acq: 12 May 2015 22:21

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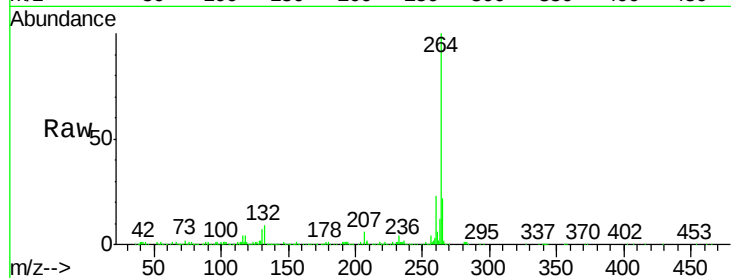
Tgt Ion:264 Resp: 243667

Ion Ratio Lower Upper

264 100

260 22.8 19.5 29.3

265 21.7 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

