

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051215\
 Data File : BG017093.D
 Acq On : 12 May 2015 21:11
 Operator : TP/IZ
 Sample : G2196-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 KBY-SB-4(9-10)

Quant Time: May 13 03:43:04 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

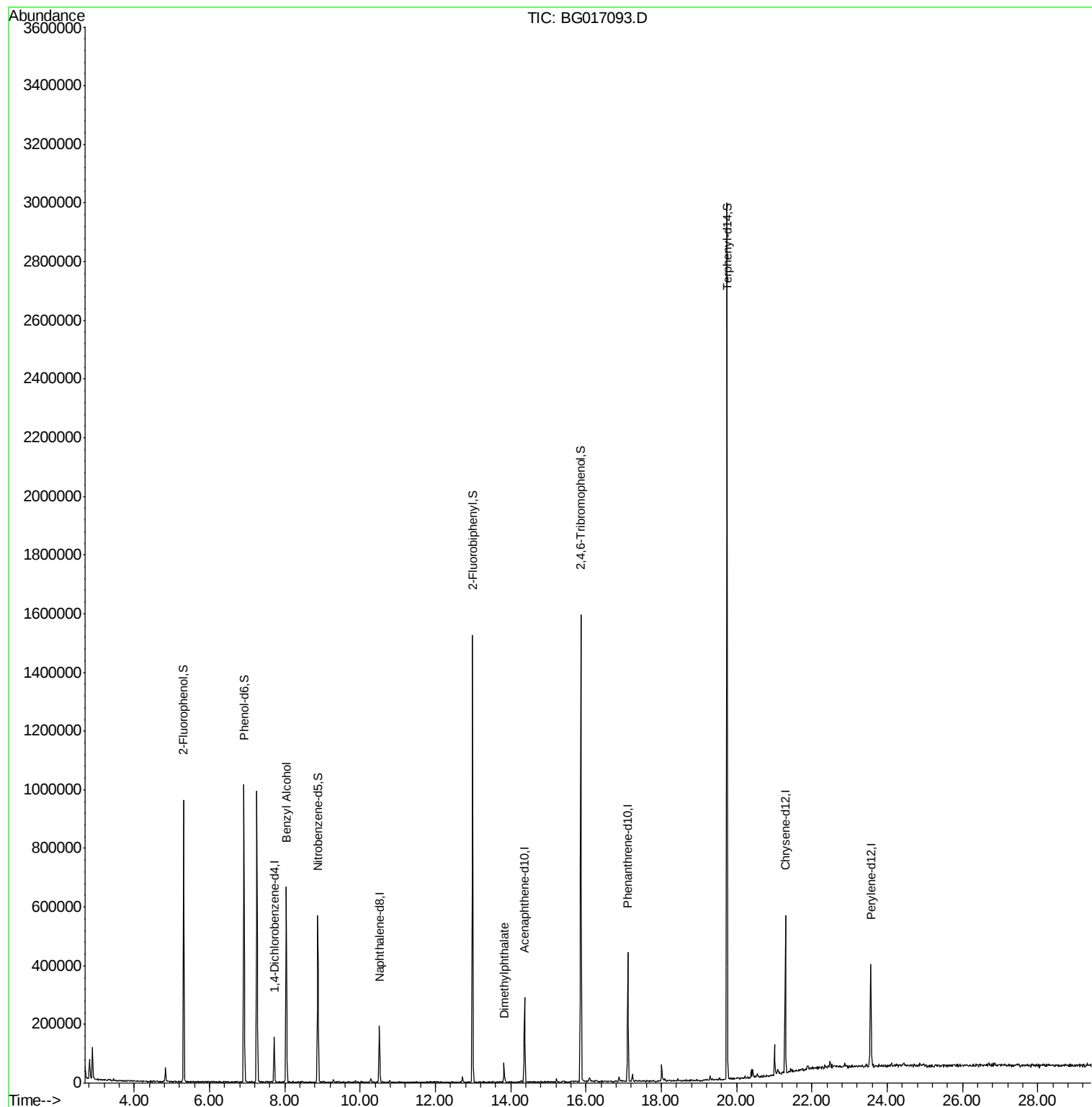
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	32266	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	127212	20.00	ng	0.00
38) Acenaphthene-d10	14.37	164	88671	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	221681	20.00	ng	0.00
75) Chrysene-d12	21.30	240	237621	20.00	ng	0.00
86) Perylene-d12	23.56	264	243851	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	298859	161.28	ng	0.00
7) Phenol-d6	6.92	99	389981	147.31	ng	0.00
23) Nitrobenzene-d5	8.87	82	271870	104.40	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	218603	245.57	ng	0.00
44) 2-Fluorobiphenyl	12.99	172	629446	107.12	ng	0.00
78) Terphenyl-d14	19.75	244	1154360	113.88	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.03	79	5763	2.38	ng	# 58
32) Benzoic acid	9.71	122	56	Below Cal		# 1
49) Dimethylphthalate	13.82	163	35676	5.39	ng	# 96

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

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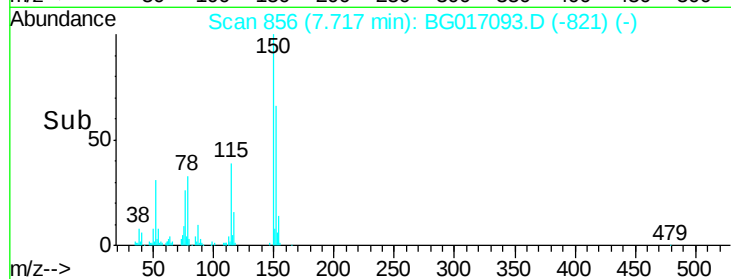
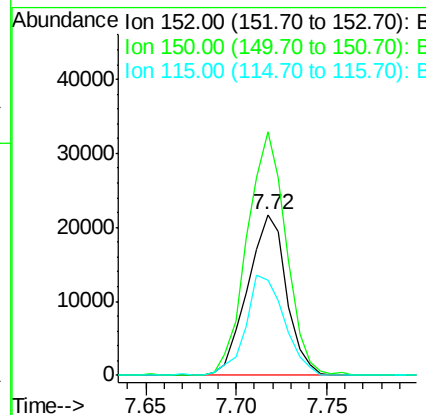
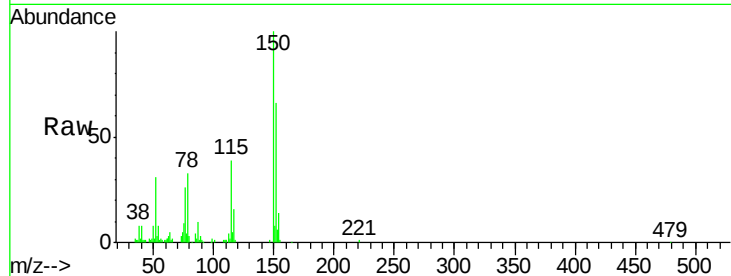


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 856
Delta R.T. 0.00 min
Lab File: BG017093.D
Acq: 12 May 2015 21:11

Instrument :
BNA_G
ClientSampleId :
KBY-SB-4(9-10)

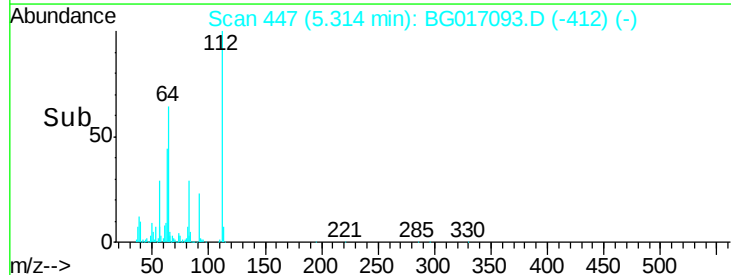
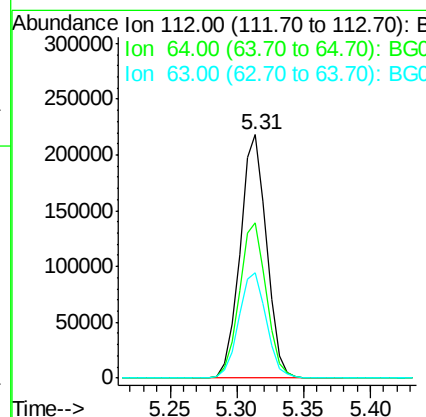
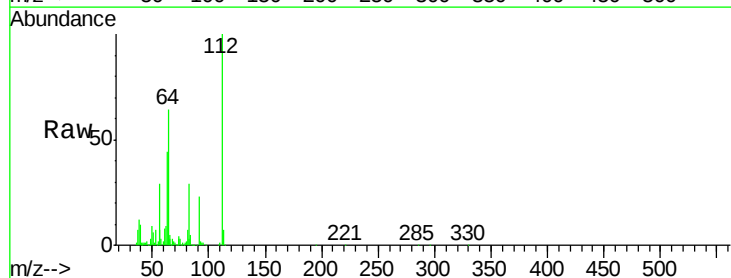
Tgt Ion:152 Resp: 32266
Ion Ratio Lower Upper
152 100
150 151.6 121.0 181.4
115 59.1 50.5 75.7

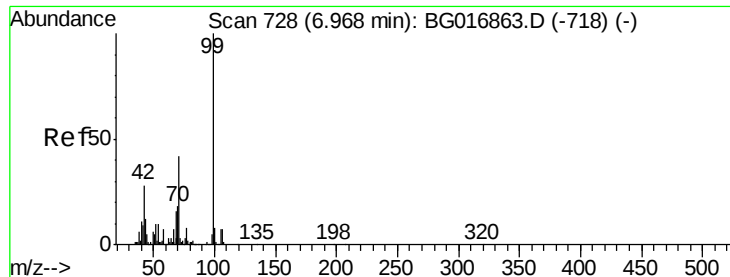


#5

2-Fluorophenol
Concen: 161.28 ng
RT: 5.31 min Scan# 447
Delta R.T. 0.00 min
Lab File: BG017093.D
Acq: 12 May 2015 21:11

Tgt Ion:112 Resp: 298859
Ion Ratio Lower Upper
112 100
64 63.9 51.4 77.2
63 43.5 28.1 42.1#





#7

Phenol-d6

Concen: 147.31 ng

RT: 6.92 min Scan# 720

Delta R.T. 0.00 min

Lab File: BG017093.D

Acq: 12 May 2015 21:11

Instrument :

BNA_G

ClientSampleId :

KBY-SB-4(9-10)

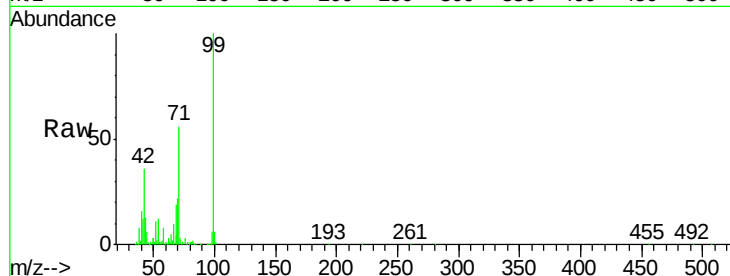
Tgt Ion: 99 Resp: 389981

Ion Ratio Lower Upper

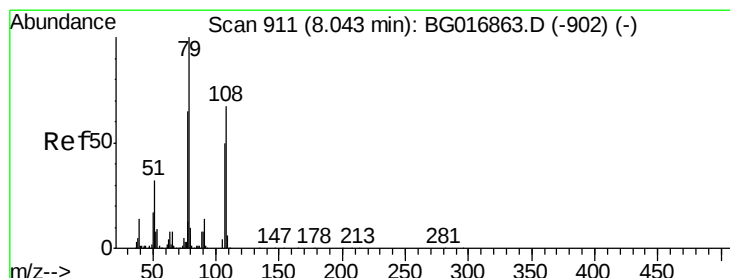
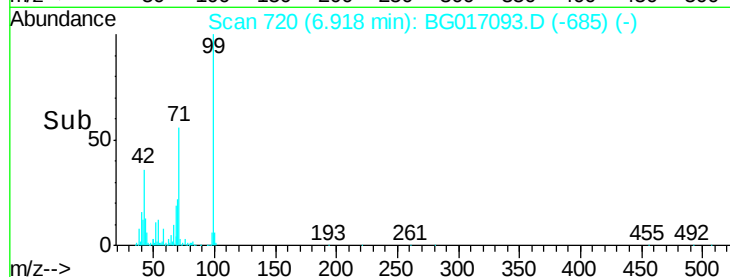
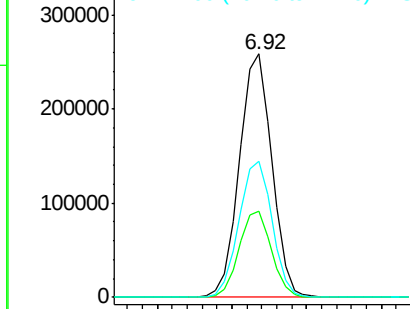
99 100

42 35.6 22.1 33.1#

71 55.9 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



#15

Benzyl Alcohol

Concen: 2.38 ng

RT: 8.03 min Scan# 910

Delta R.T. 0.07 min

Lab File: BG017093.D

Acq: 12 May 2015 21:11

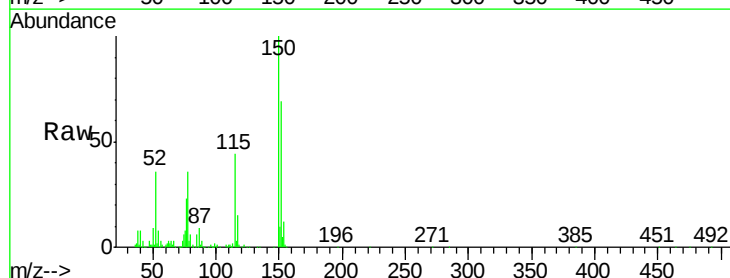
Tgt Ion: 79 Resp: 5763

Ion Ratio Lower Upper

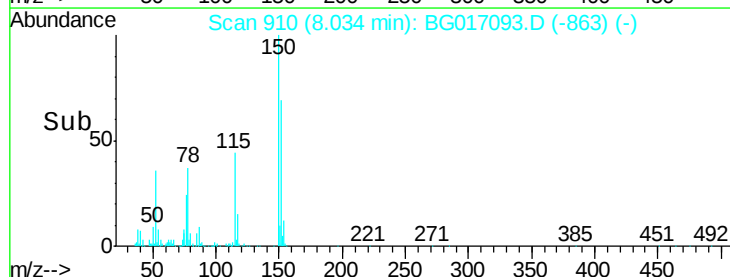
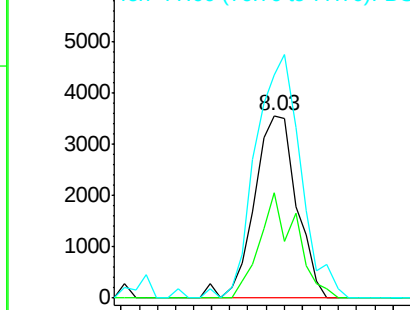
79 100

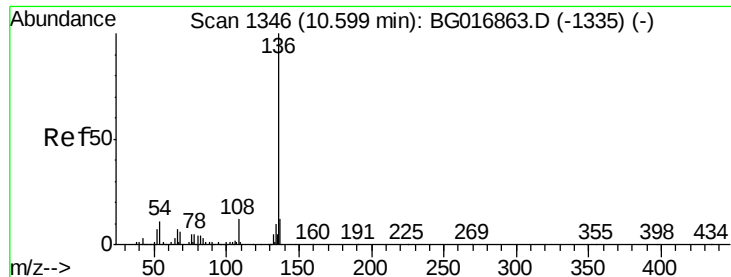
108 57.5 53.4 80.2

77 122.4 52.2 78.2#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

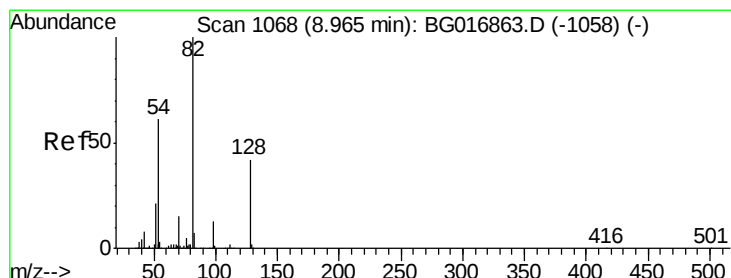
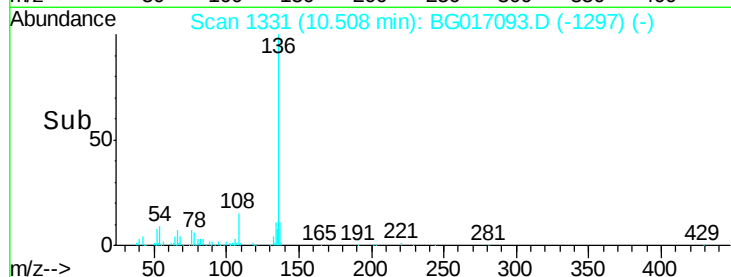
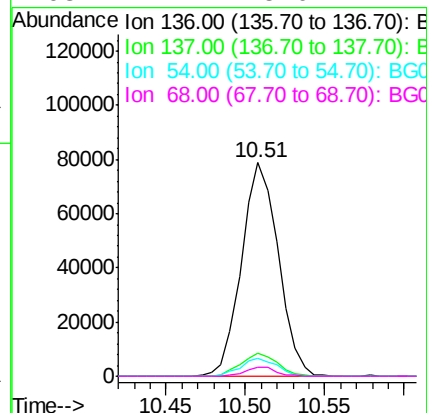
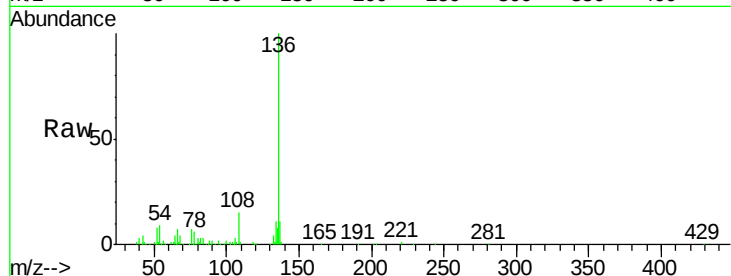




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.51 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BG017093.D
Acq: 12 May 2015 21:11

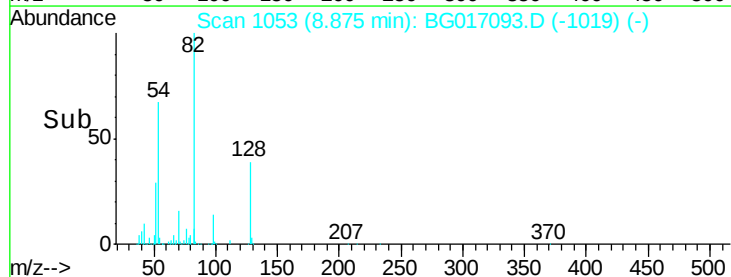
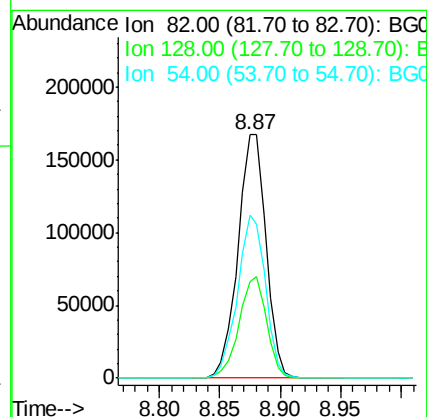
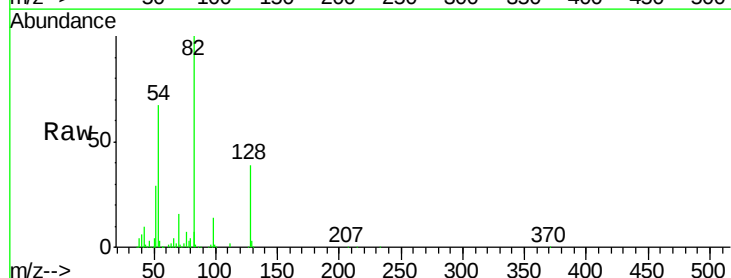
Instrument :
BNA_G
ClientSampleId :
KBY-SB-4(9-10)

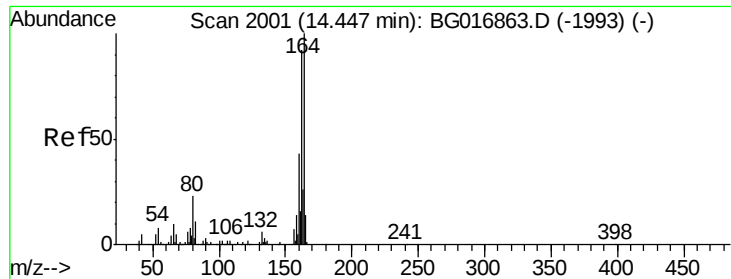
Tgt Ion:	136	Resp:	127212
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.8	14.8
54	8.5	8.7	13.1#
68	4.2	5.0	7.4#



#23
Nitrobenzene-d5
Concen: 104.40 ng
RT: 8.87 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BG017093.D
Acq: 12 May 2015 21:11

Tgt Ion:	82	Resp:	271870
Ion	Ratio	Lower	Upper
82	100		
128	39.4	33.2	49.8
54	66.8	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: BG017093.D

Acq: 12 May 2015 21:11

Instrument :

BNA_G

ClientSampleId :

KBY-SB-4(9-10)

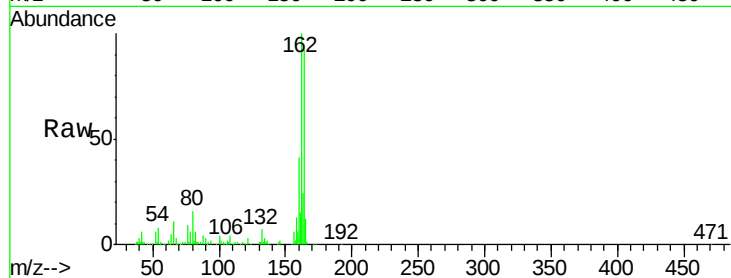
Tgt Ion:164 Resp: 88671

Ion Ratio Lower Upper

164 100

162 108.4 74.0 111.0

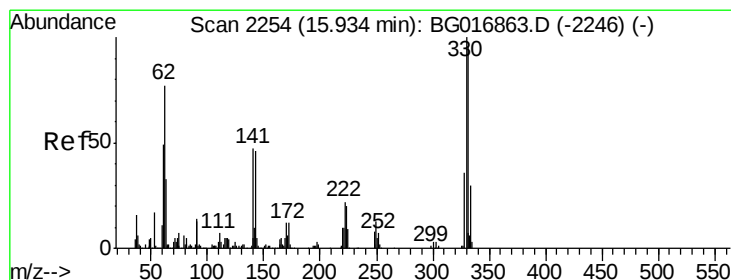
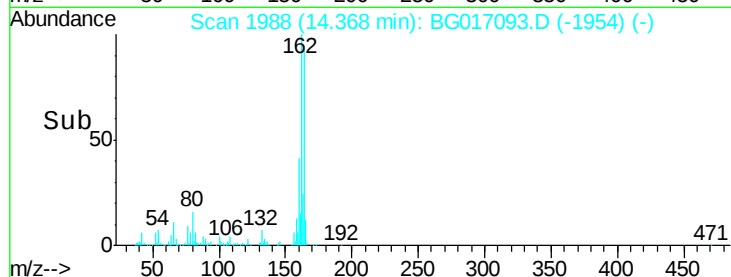
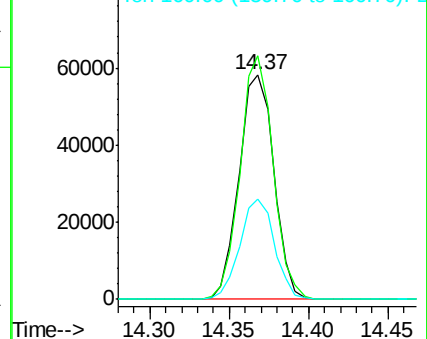
160 44.4 34.7 52.1



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: 245.57 ng

RT: 15.86 min Scan# 2242

Delta R.T. -0.00 min

Lab File: BG017093.D

Acq: 12 May 2015 21:11

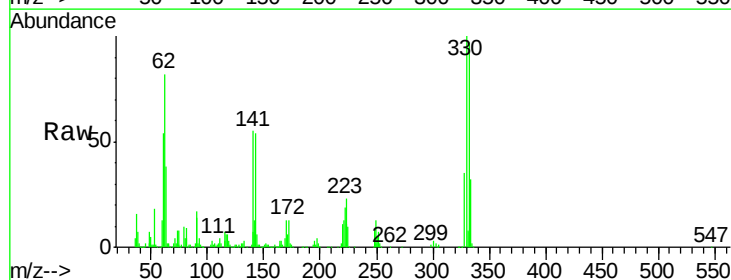
Tgt Ion:330 Resp: 218603

Ion Ratio Lower Upper

330 100

332 94.2 0.0 0.0#

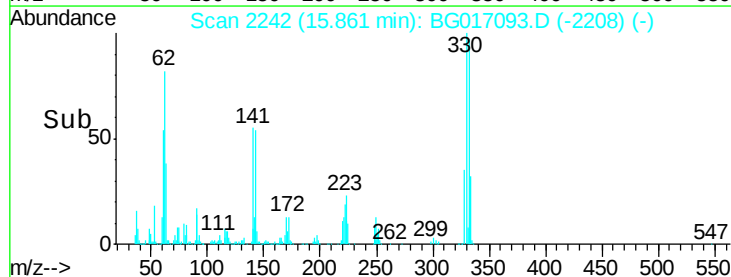
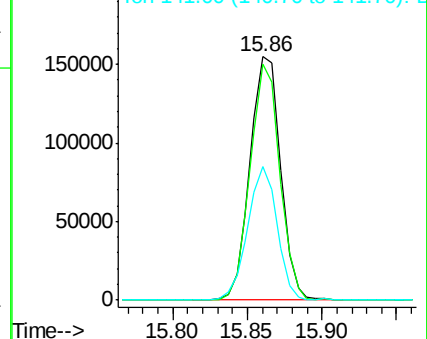
141 52.7 0.0 0.0#

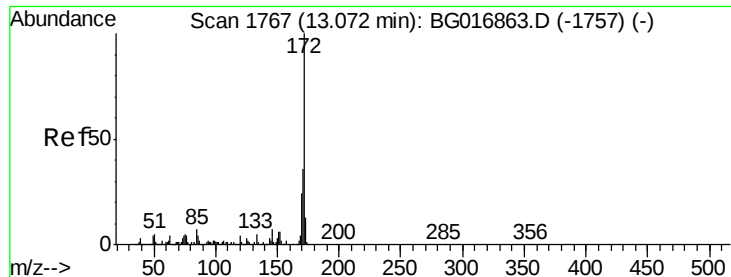


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

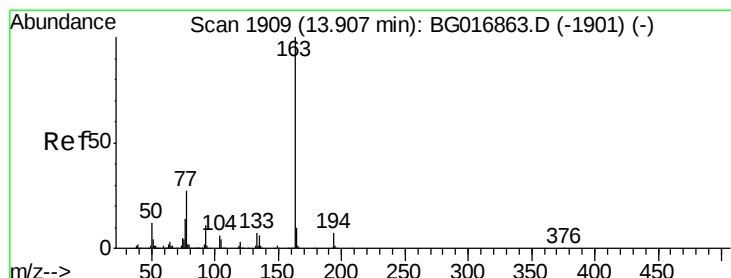
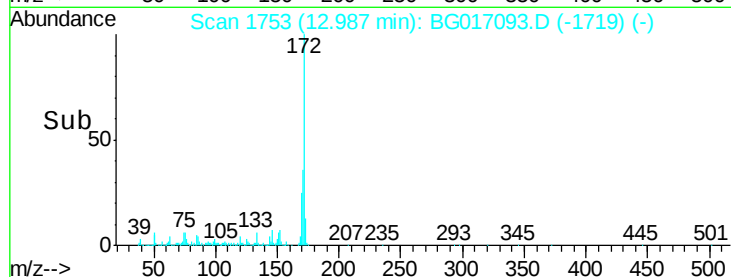
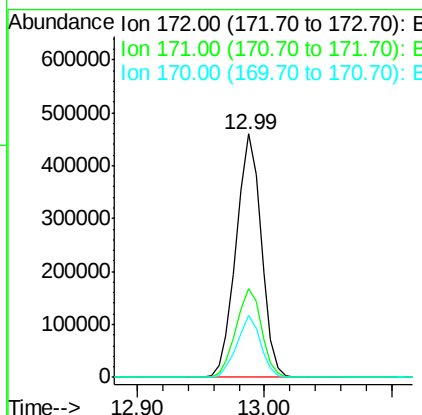
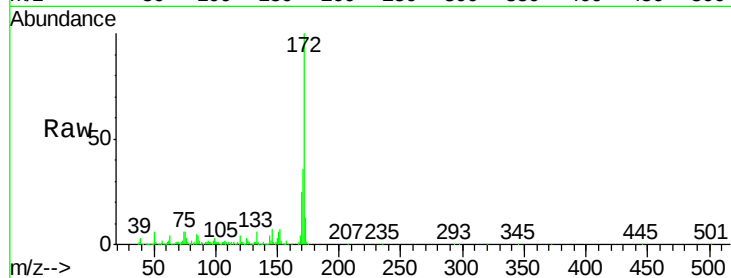




#44
 2-Fluorobiphenyl
 Concen: 107.12 ng
 RT: 12.99 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: BG017093.D
 Acq: 12 May 2015 21:11

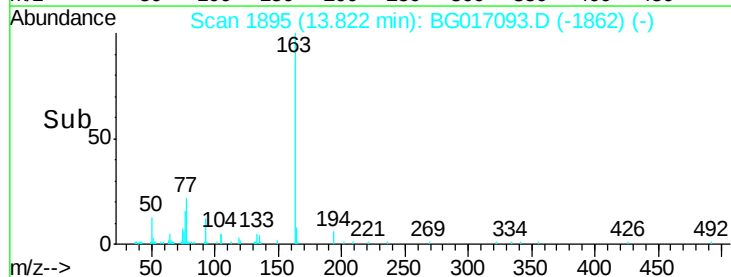
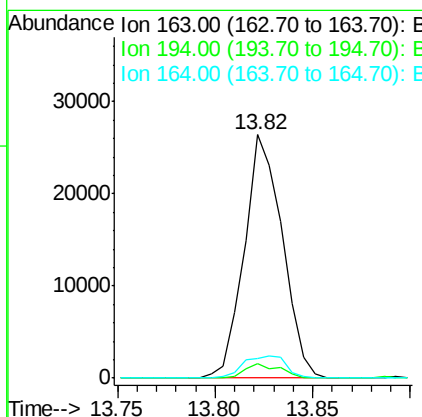
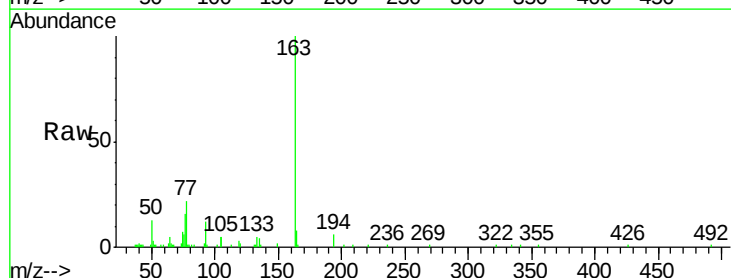
Instrument :
 BNA_G
 ClientSampleId :
 KBY-SB-4(9-10)

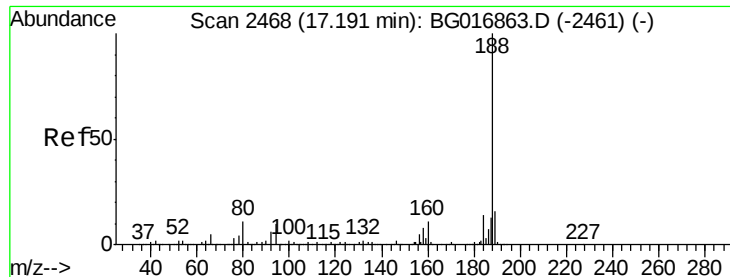
Tgt Ion:172 Resp: 629446
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.0 43.4
 170 25.2 19.0 28.4



#49
 Dimethylphthalate
 Concen: 5.39 ng
 RT: 13.82 min Scan# 1895
 Delta R.T. -0.01 min
 Lab File: BG017093.D
 Acq: 12 May 2015 21:11

Tgt Ion:163 Resp: 35676
 Ion Ratio Lower Upper
 163 100
 194 6.1 5.2 7.8
 164 8.1 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: BG017093.D

Acq: 12 May 2015 21:11

Instrument :

BNA_G

ClientSampleId :

KBY-SB-4(9-10)

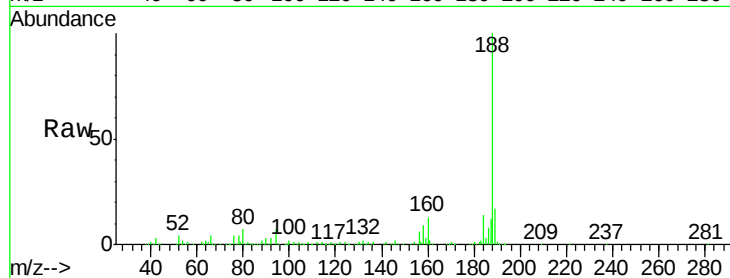
Tgt Ion:188 Resp: 221681

Ion Ratio Lower Upper

188 100

94 7.1 8.2 12.4#

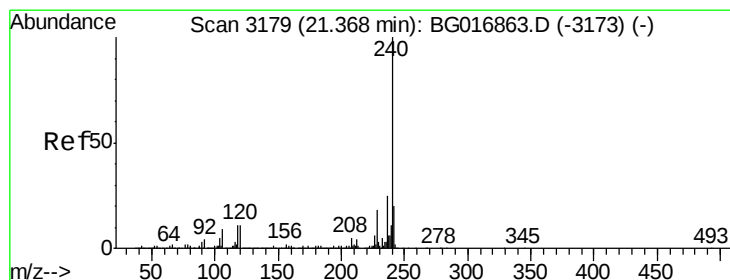
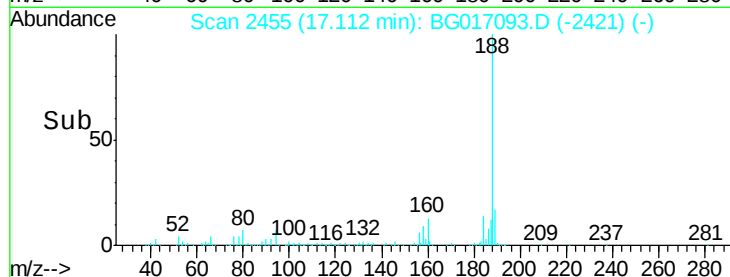
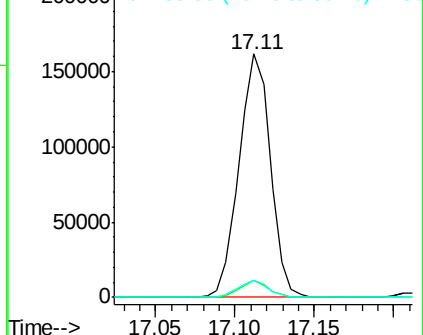
80 7.1 8.8 13.2#



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: 21.30 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG017093.D

Acq: 12 May 2015 21:11

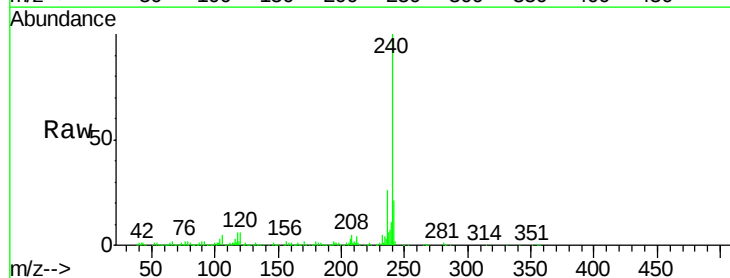
Tgt Ion:240 Resp: 237621

Ion Ratio Lower Upper

240 100

120 6.3 9.1 13.7#

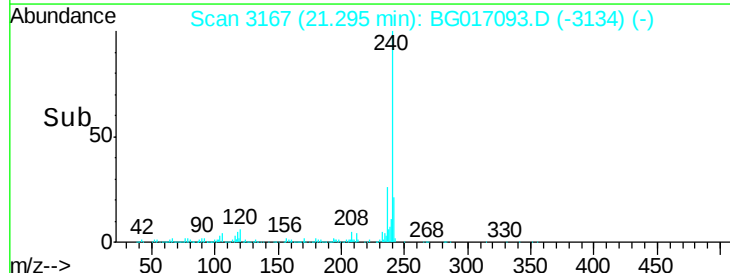
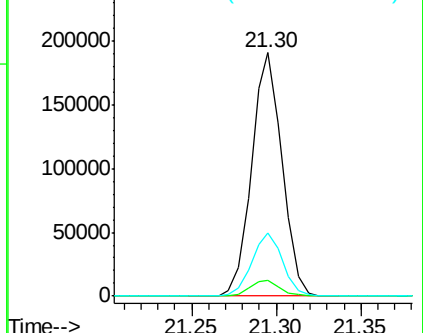
236 25.7 20.2 30.4

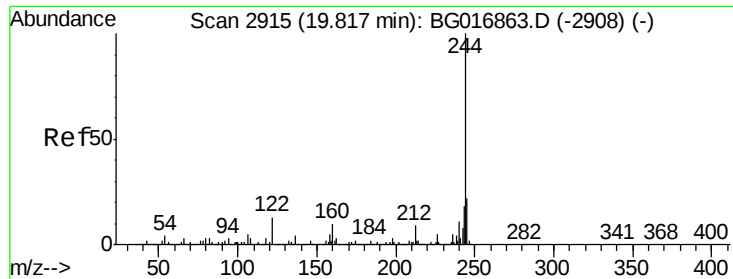


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

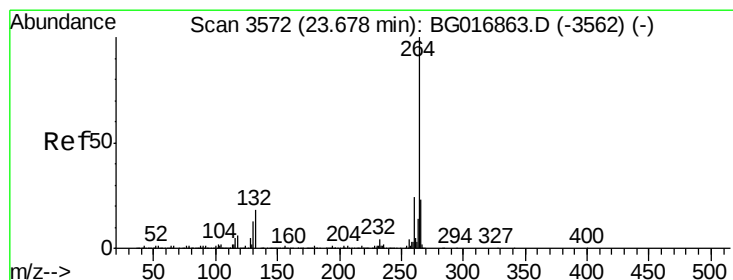
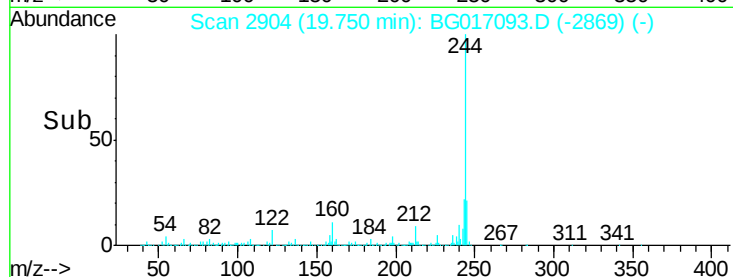
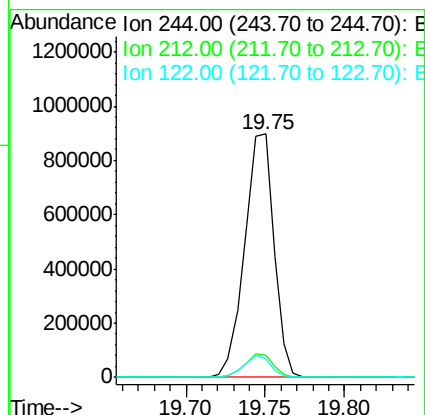
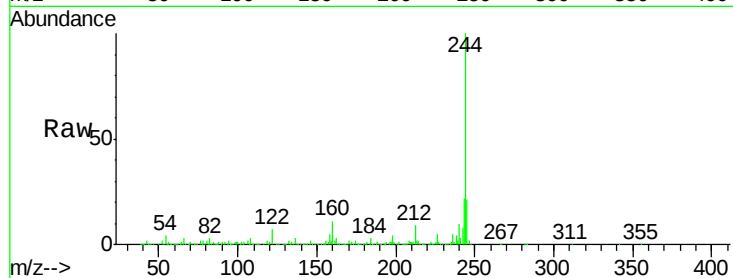




#78
 Terphenyl-d14
 Concen: 113.88 ng
 RT: 19.75 min Scan# 2904
 Delta R.T. 0.00 min
 Lab File: BG017093.D
 Acq: 12 May 2015 21:11

Instrument :
 BNA_G
 ClientSampleId :
 KBY-SB-4(9-10)

Tgt Ion:244 Resp: 1154360
 Ion Ratio Lower Upper
 244 100
 212 8.9 7.0 10.6
 122 7.3 10.4 15.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.56 min Scan# 3553
 Delta R.T. -0.01 min
 Lab File: BG017093.D
 Acq: 12 May 2015 21:11

Tgt Ion:264 Resp: 243851
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.5 29.3
 265 20.7 18.5 27.7

