

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050915\
 Data File : BG017002.D
 Acq On : 9 May 2015 22:41
 Operator : TP/IZ
 Sample : G2151-20
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TU021-SB-11-6.0

Quant Time: May 19 07:30:17 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 16:13:58 2015
 Response via : Initial Calibration

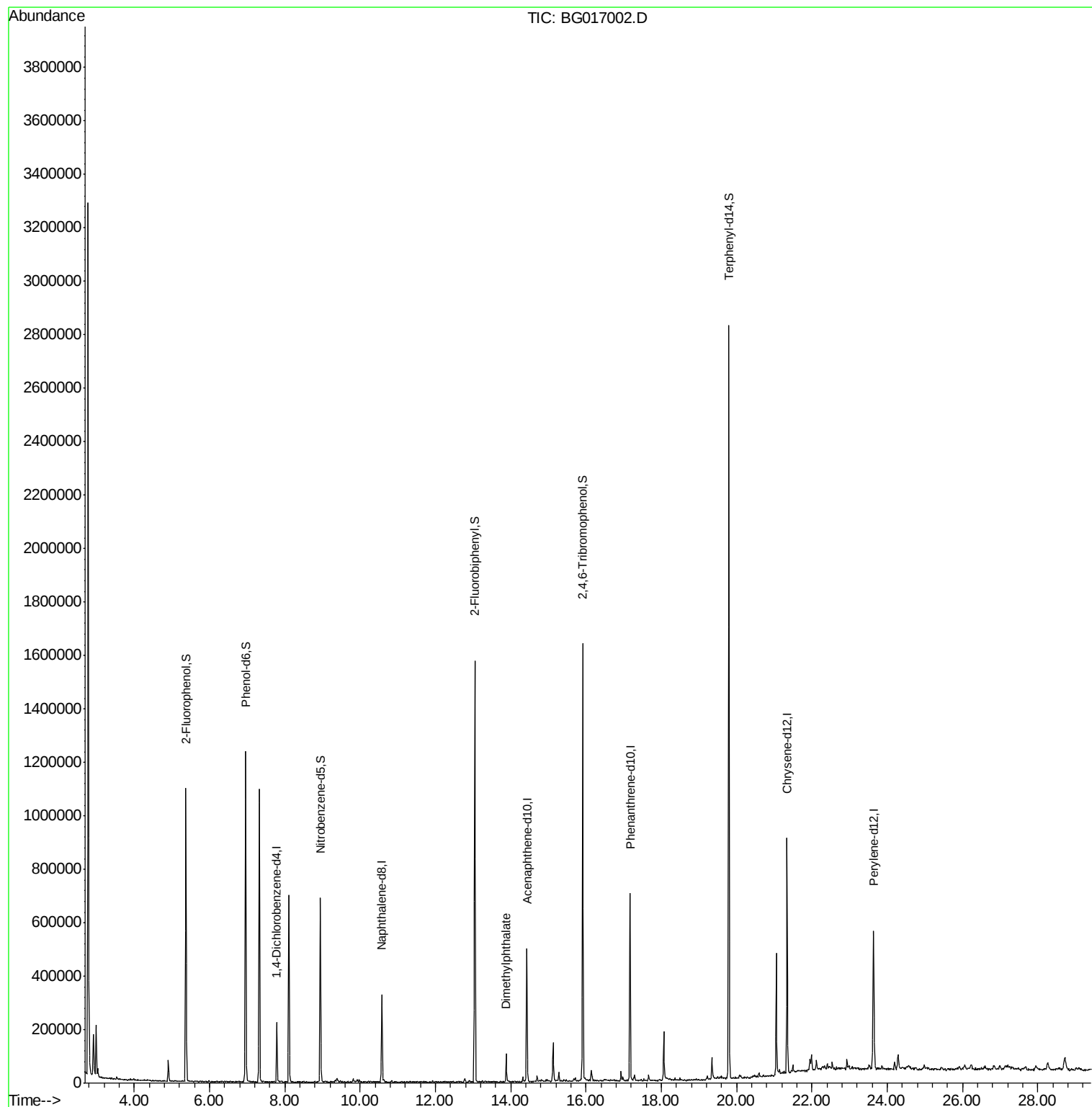
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	51699	20.00	ng	-0.02
21) Naphthalene-d8	10.58	136	231848	20.00	ng	-0.02
38) Acenaphthene-d10	14.43	164	158251	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	378925	20.00	ng	-0.02
75) Chrysene-d12	21.34	240	371975	20.00	ng	-0.02
86) Perylene-d12	23.64	264	363255	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	379260	127.74	ng	-0.01
7) Phenol-d6	6.96	99	552605	130.27	ng	0.00
23) Nitrobenzene-d5	8.95	82	354139	74.62	ng	-0.02
41) 2,4,6-Tribromophenol	15.91	330	225114	141.70	ng	-0.02
44) 2-Fluorobiphenyl	13.05	172	702411	66.98	ng	-0.02
78) Terphenyl-d14	19.80	244	1147187	72.30	ng	-0.02
Target Compounds						
32) Benzoic acid	9.93	122	260	Below Cal	#	24
49) Dimethylphthalate	13.88	163	57310	4.85 ng	#	97

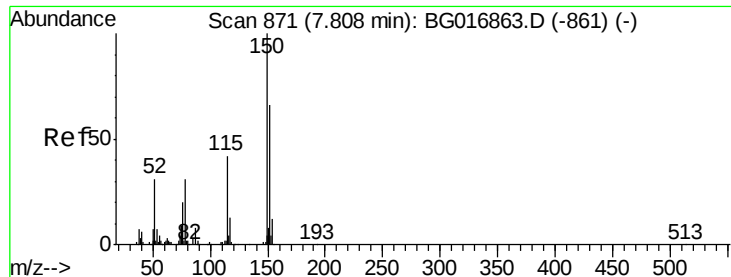
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.79 min Scan# 868

Delta R.T. -0.02 min

Lab File: BG017002.D

Acq: 9 May 2015 22:41

Instrument :

BNA_G

ClientSampleId :

TU021-SB-11-6.0

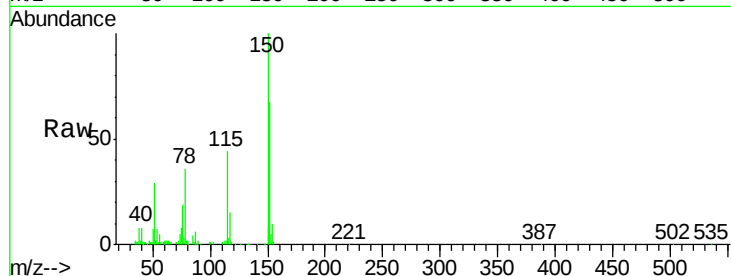
Tgt Ion:152 Resp: 51699

Ion Ratio Lower Upper

152 100

150 148.5 121.0 181.4

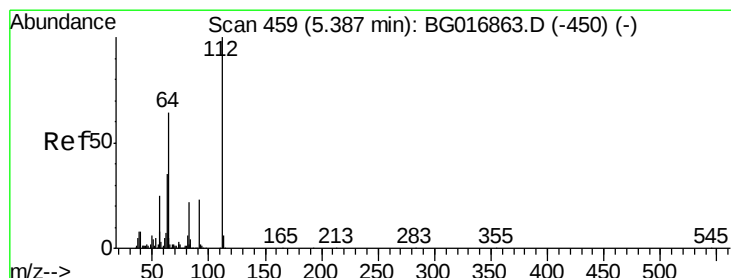
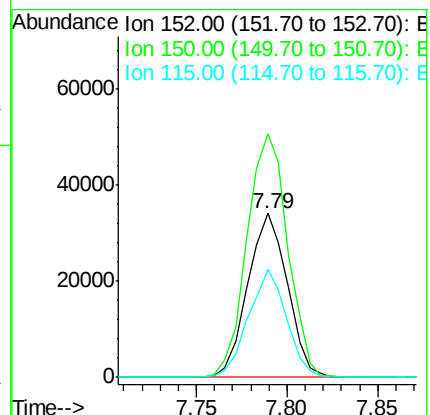
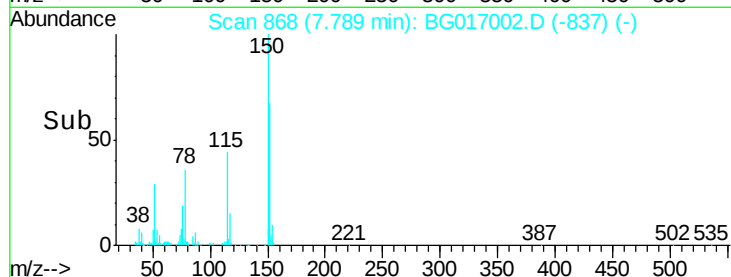
115 65.8 50.5 75.7



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: 127.74 ng

RT: 5.37 min Scan# 457

Delta R.T. -0.01 min

Lab File: BG017002.D

Acq: 9 May 2015 22:41

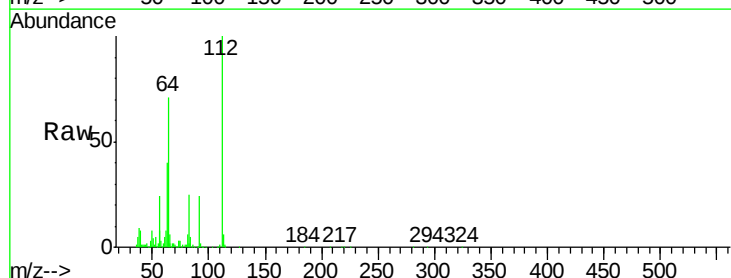
Tgt Ion:112 Resp: 379260

Ion Ratio Lower Upper

112 100

64 71.5 51.4 77.2

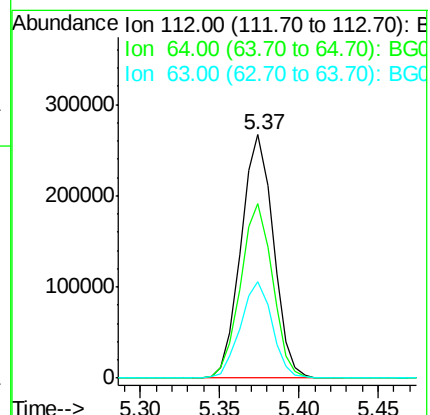
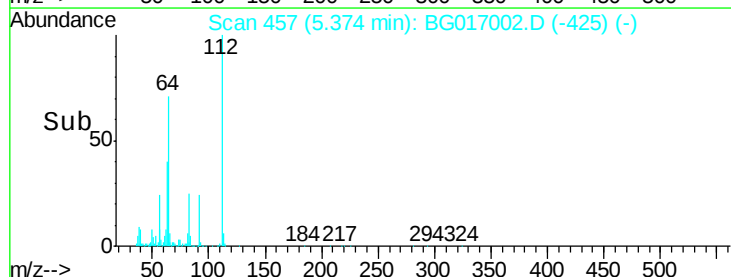
63 39.5 28.1 42.1

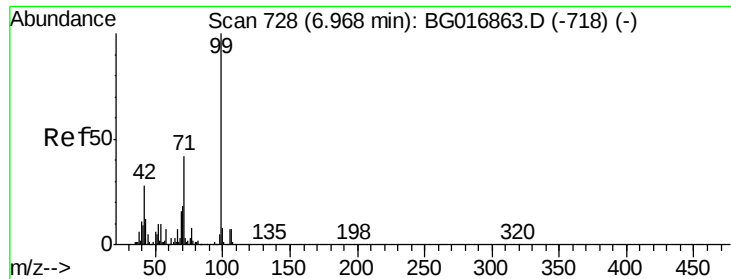


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 130.27 ng

RT: 6.96 min Scan# 727

Delta R.T. -0.01 min

Lab File: BG017002.D

Acq: 9 May 2015 22:41

Instrument :

BNA_G

ClientSampleId :

TU021-SB-11-6.0

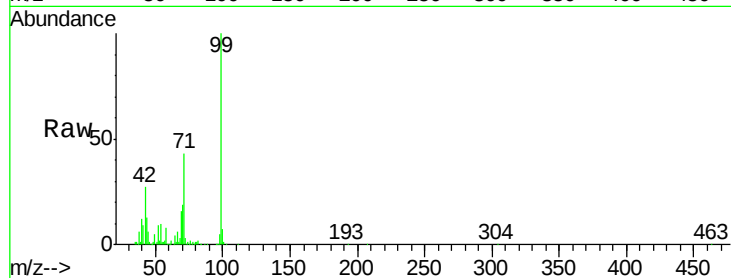
Tgt Ion: 99 Resp: 552605

Ion Ratio Lower Upper

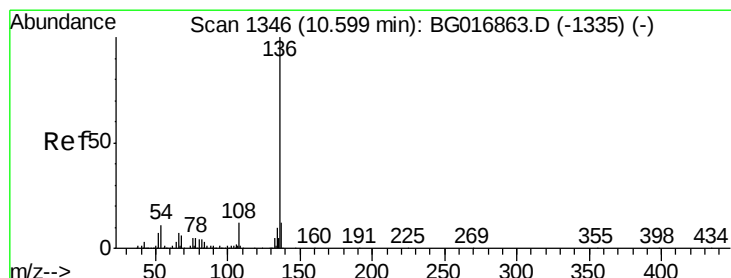
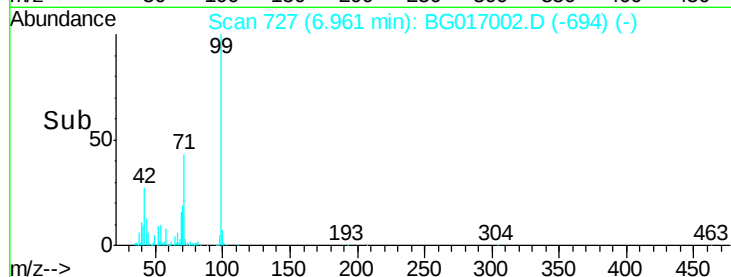
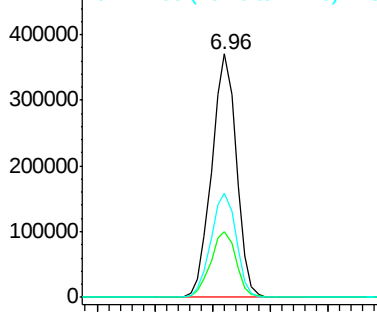
99 100

42 26.8 22.1 33.1

71 42.9 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: 10.58 min Scan# 1343

Delta R.T. -0.02 min

Lab File: BG017002.D

Acq: 9 May 2015 22:41

Tgt Ion: 136 Resp: 231848

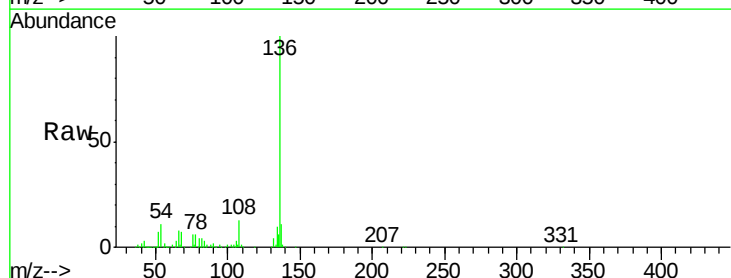
Ion Ratio Lower Upper

136 100

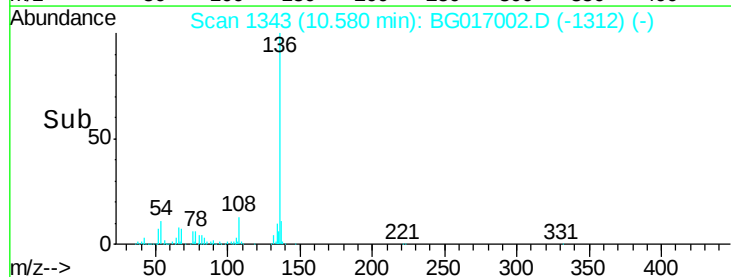
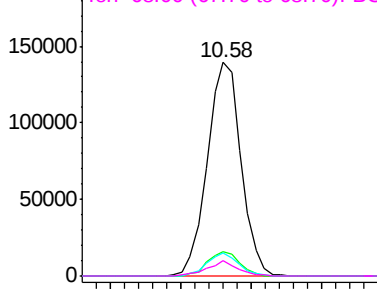
137 11.5 9.8 14.8

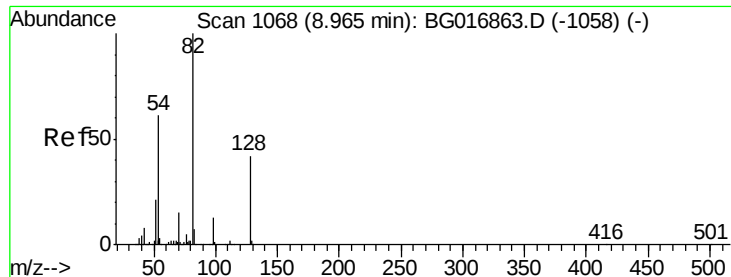
54 10.6 8.7 13.1

68 6.9 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

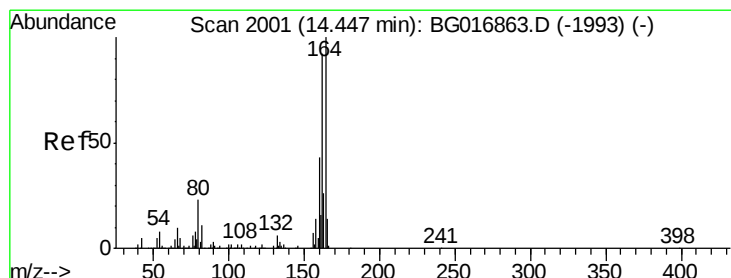
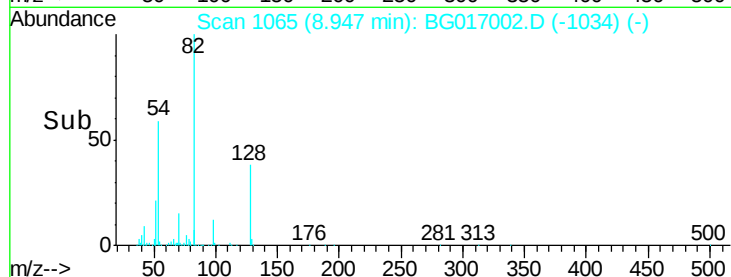
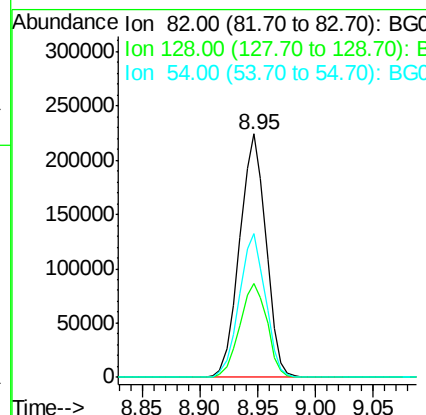
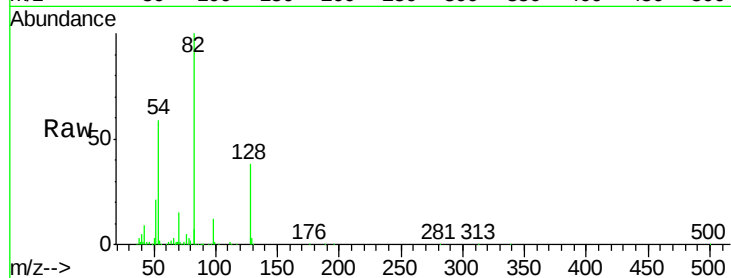




#23
 Nitrobenzene-d5
 Concen: 74.62 ng
 RT: 8.95 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BG017002.D
 Acq: 9 May 2015 22:41

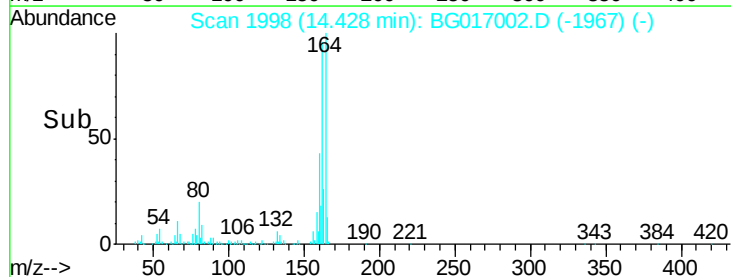
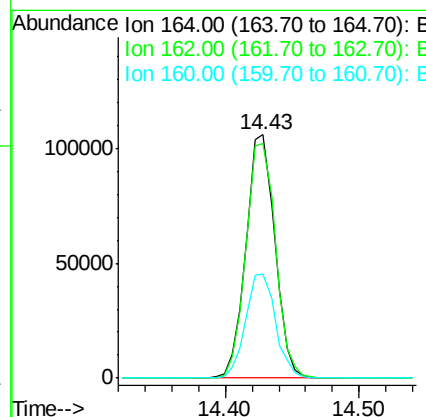
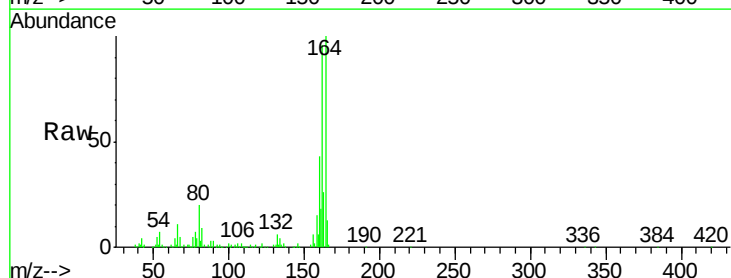
Instrument :
 BNA_G
 ClientSampleId :
 TU021-SB-11-6.0

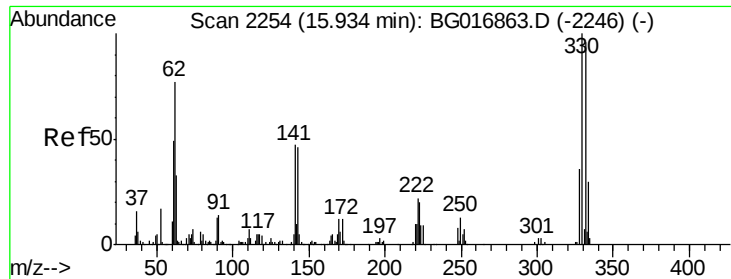
Tgt Ion: 82 Resp: 354139
 Ion Ratio Lower Upper
 82 100
 128 38.5 33.2 49.8
 54 59.1 48.6 72.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.43 min Scan# 1998
 Delta R.T. -0.02 min
 Lab File: BG017002.D
 Acq: 9 May 2015 22:41

Tgt Ion: 164 Resp: 158251
 Ion Ratio Lower Upper
 164 100
 162 96.2 74.0 111.0
 160 42.9 34.7 52.1

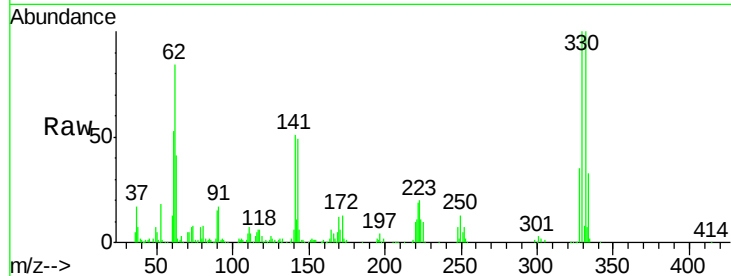




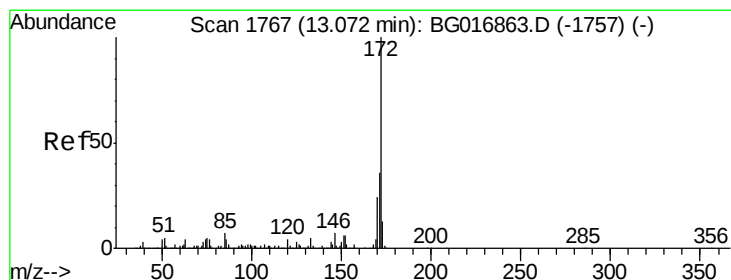
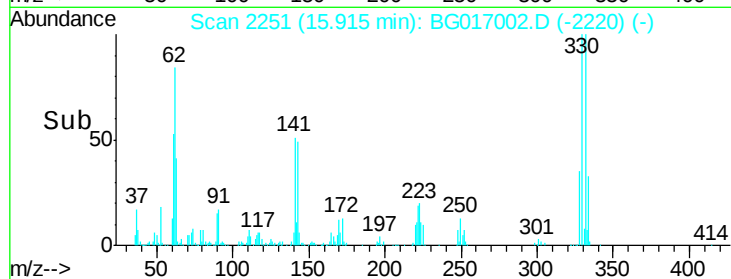
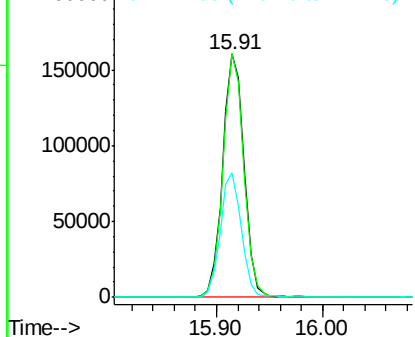
#41
 2,4,6-Tribromophenol
 Concen: 141.70 ng
 RT: 15.91 min Scan# 2251
 Delta R.T. -0.02 min
 Lab File: BG017002.D
 Acq: 9 May 2015 22:41

Instrument :
 BNA_G
 ClientSampleId :
 TU021-SB-11-6.0

Tgt Ion:330 Resp: 225114
 Ion Ratio Lower Upper
 330 100
 332 96.9 0.0 0.0#
 141 51.3 0.0 0.0#

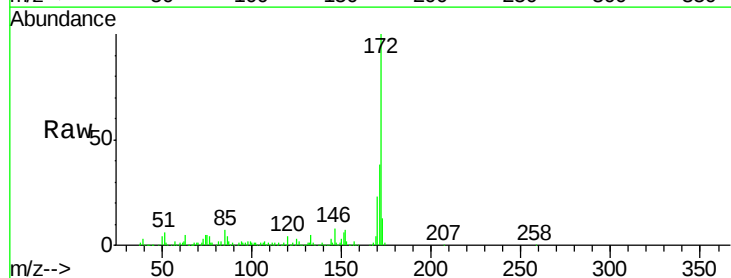


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

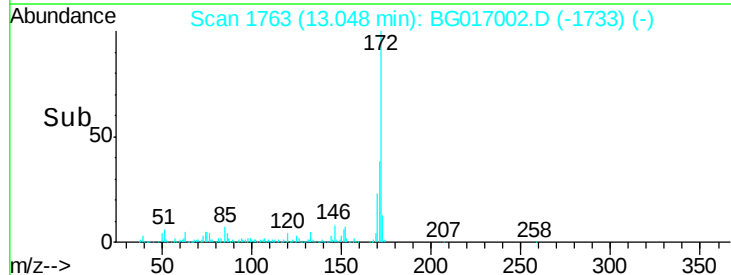
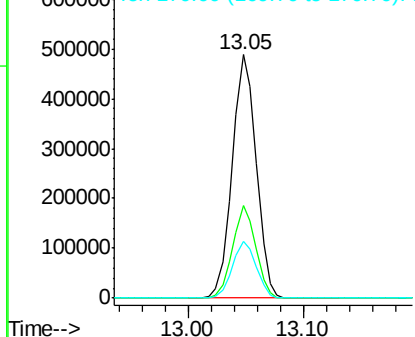


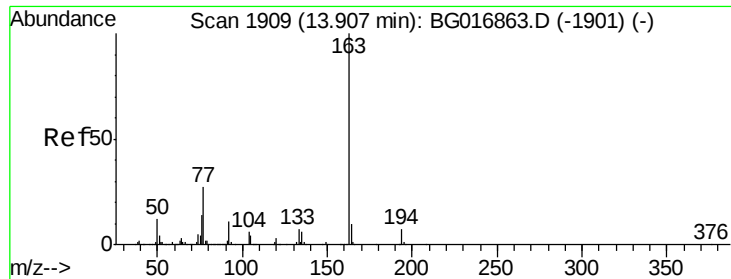
#44
 2-Fluorobiphenyl
 Concen: 66.98 ng
 RT: 13.05 min Scan# 1763
 Delta R.T. -0.02 min
 Lab File: BG017002.D
 Acq: 9 May 2015 22:41

Tgt Ion:172 Resp: 702411
 Ion Ratio Lower Upper
 172 100
 171 37.9 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





#49

Dimethylphthalate

Concen: 4.85 ng

RT: 13.88 min Scan# 1905

Delta R.T. -0.02 min

Lab File: BG017002.D

Acq: 9 May 2015 22:41

Instrument :

BNA_G

ClientSampleId :

TU021-SB-11-6.0

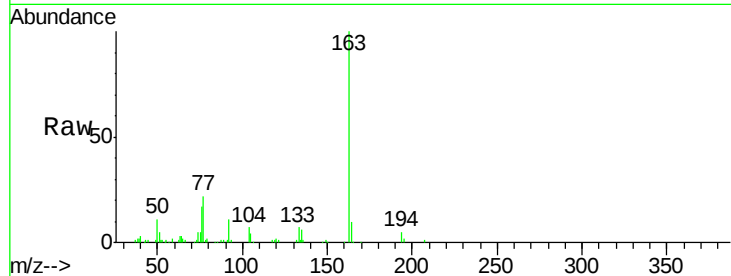
Tgt Ion:163 Resp: 57310

Ion Ratio Lower Upper

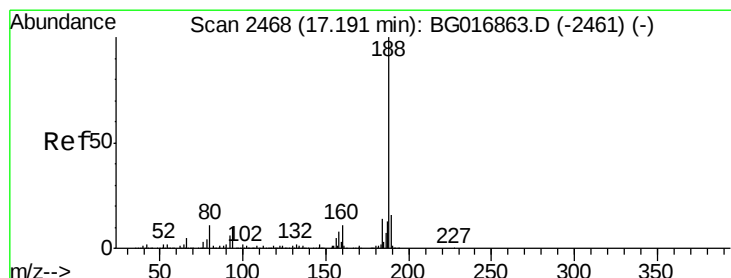
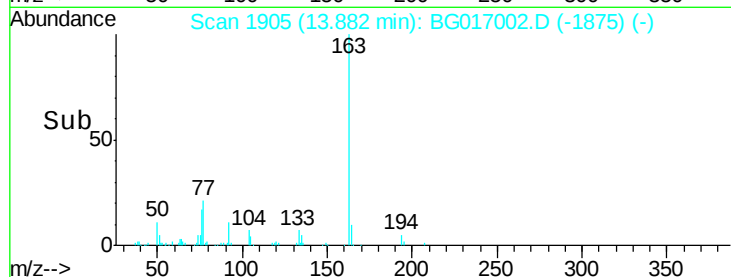
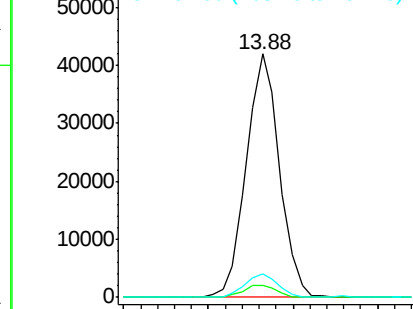
163 100

194 4.8 5.2 7.8#

164 9.7 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: 17.17 min Scan# 2465

Delta R.T. -0.02 min

Lab File: BG017002.D

Acq: 9 May 2015 22:41

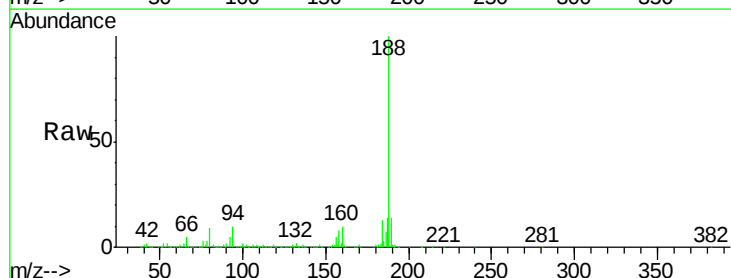
Tgt Ion:188 Resp: 378925

Ion Ratio Lower Upper

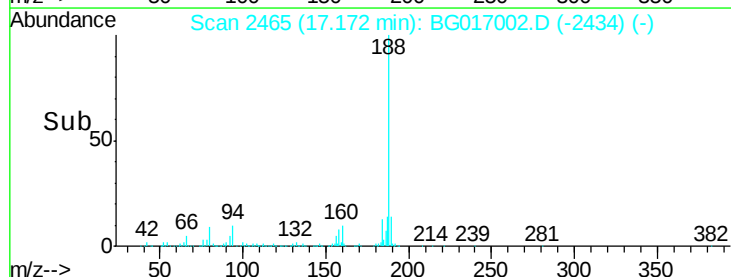
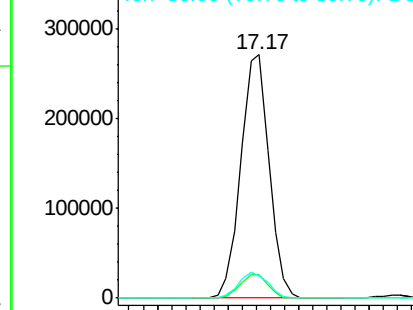
188 100

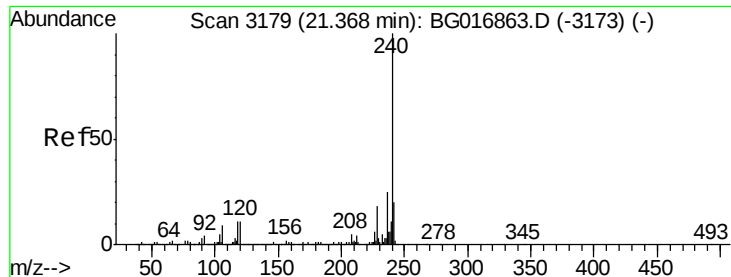
94 9.5 8.2 12.4

80 9.3 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# 3175

Delta R.T. -0.02 min

Lab File: BG017002.D

Acq: 9 May 2015 22:41

Instrument :

BNA_G

ClientSampleId :

TU021-SB-11-6.0

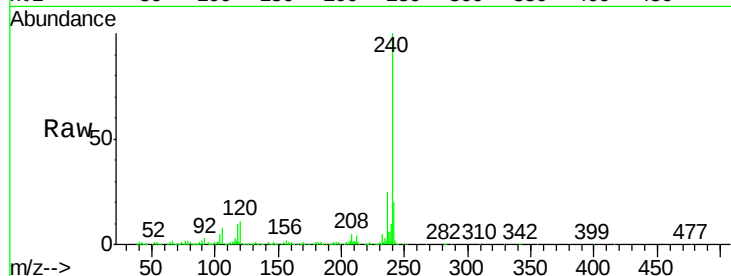
Tgt Ion:240 Resp: 371975

Ion Ratio Lower Upper

240 100

120 10.6 9.1 13.7

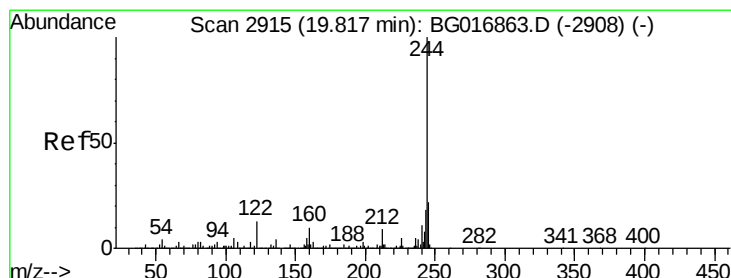
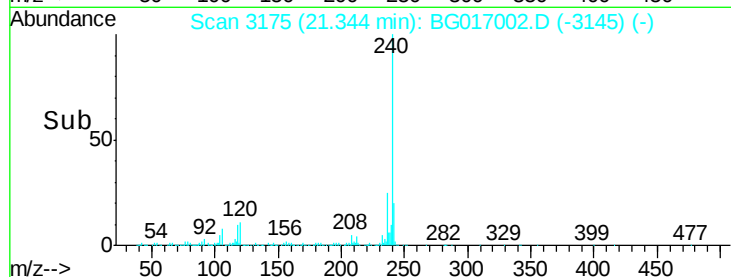
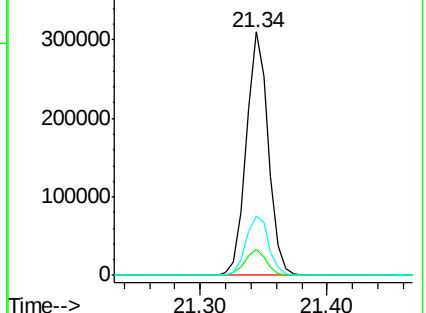
236 24.6 20.2 30.4



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: 72.30 ng

RT: 19.80 min Scan# 2912

Delta R.T. -0.02 min

Lab File: BG017002.D

Acq: 9 May 2015 22:41

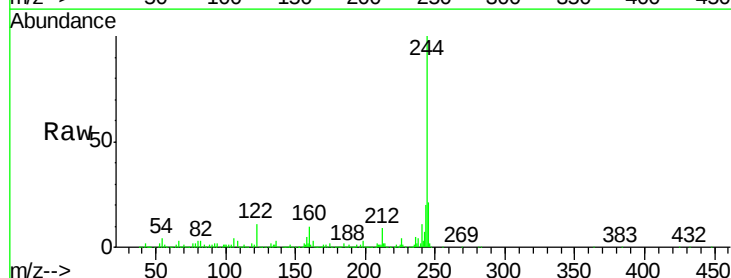
Tgt Ion:244 Resp: 1147187

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.6

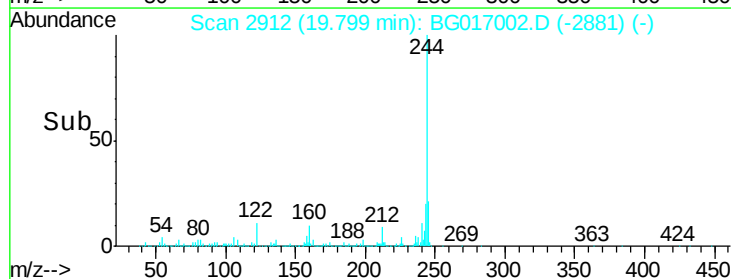
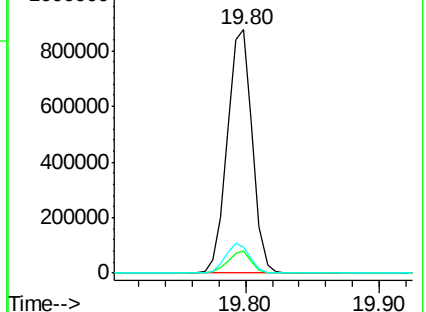
122 10.6 10.4 15.6

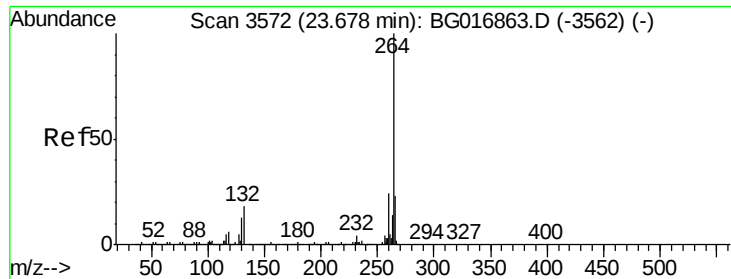


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

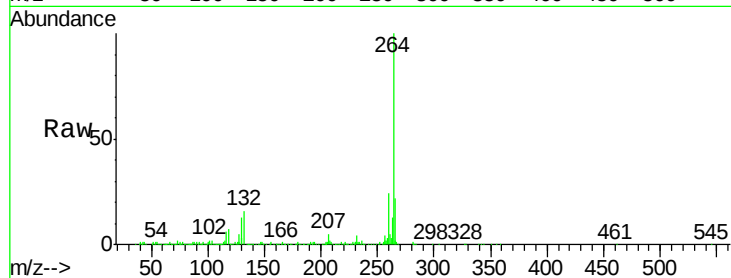




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.64 min Scan# 3566
Delta R.T. -0.04 min
Lab File: BG017002.D
Acq: 9 May 2015 22:41

Instrument :
BNA_G
ClientSampleId :
TU021-SB-11-6.0

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	22.1	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

