

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050915\
 Data File : BG017018.D
 Acq On : 10 May 2015 10:15
 Operator : TP/IZ
 Sample : G2152-04
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TU021-SB-13-3.0

Quant Time: May 19 07:34:57 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

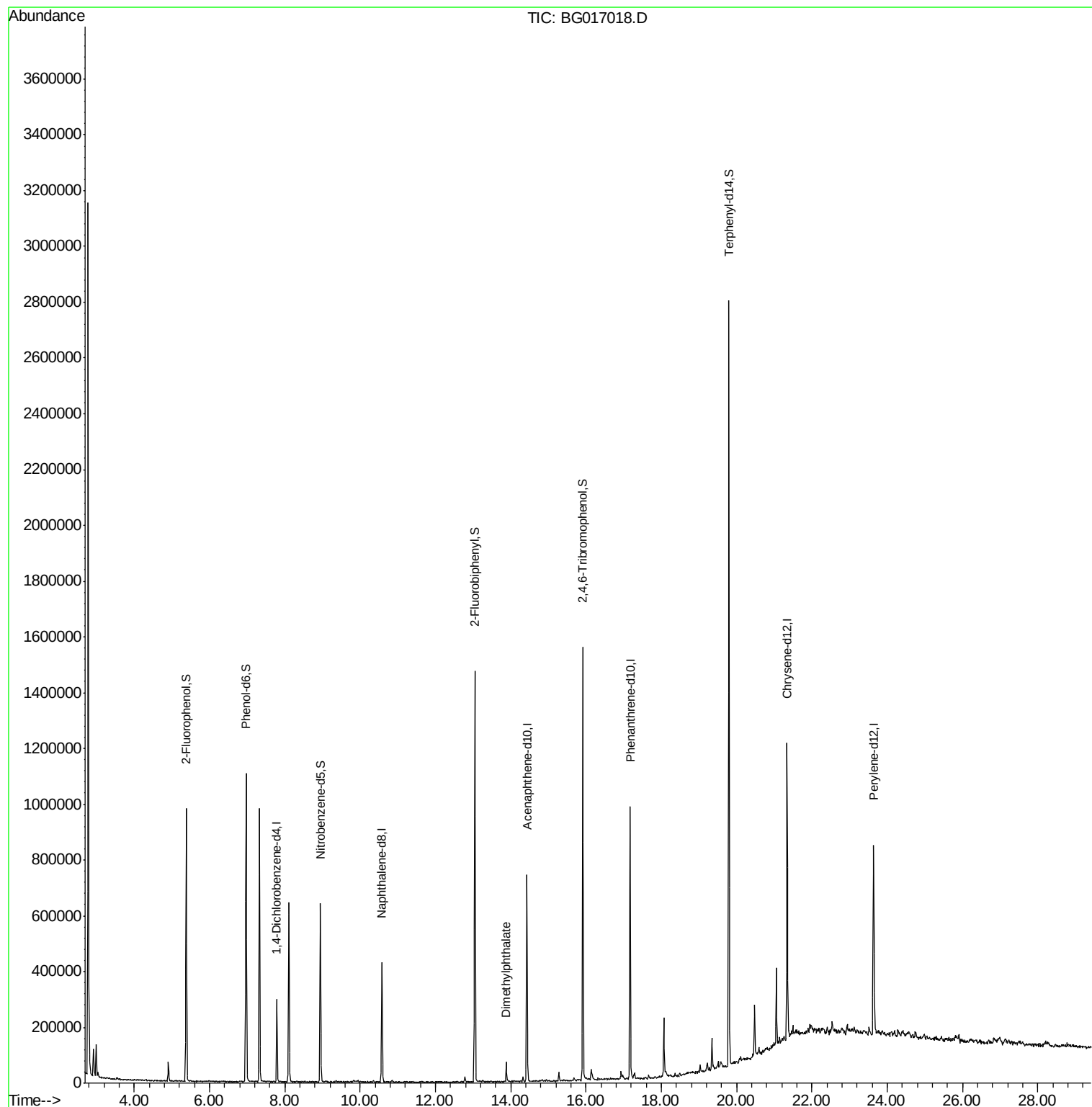
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	66443	20.00	ng	-0.02
21) Naphthalene-d8	10.58	136	322646	20.00	ng	-0.02
38) Acenaphthene-d10	14.43	164	232030	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	521296	20.00	ng	-0.02
75) Chrysene-d12	21.35	240	480515	20.00	ng	-0.02
86) Perylene-d12	23.64	264	480930	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	343550	90.03	ng	0.00
7) Phenol-d6	6.97	99	508811	93.33	ng	0.00
23) Nitrobenzene-d5	8.95	82	334443	50.64	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	220135	94.50	ng	-0.01
44) 2-Fluorobiphenyl	13.05	172	694034	45.14	ng	-0.02
78) Terphenyl-d14	19.80	244	1087511	53.06	ng	-0.02
Target Compounds						
32) Benzoic acid	9.88	122	207	Below Cal	#	53
49) Dimethylphthalate	13.88	163	37632	2.17 ng	#	95

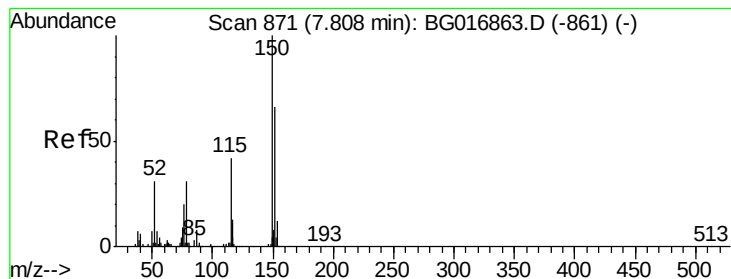
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG017018.D

Acq: 10 May 2015 10:15

Instrument :

BNA_G

ClientSampleId :

TU021-SB-13-3.0

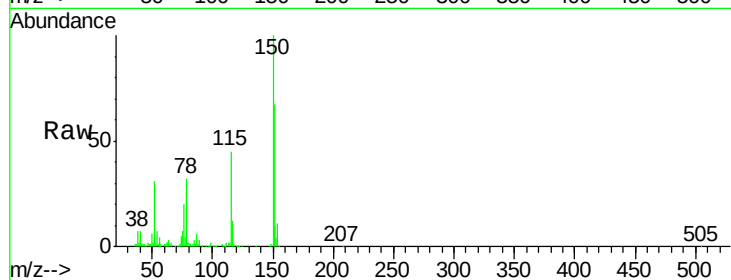
Tgt Ion:152 Resp: 66443

Ion Ratio Lower Upper

152 100

150 148.8 121.0 181.4

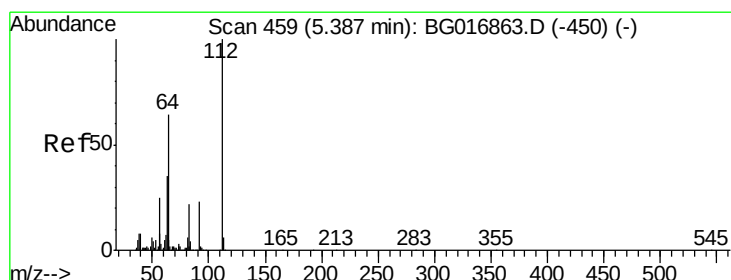
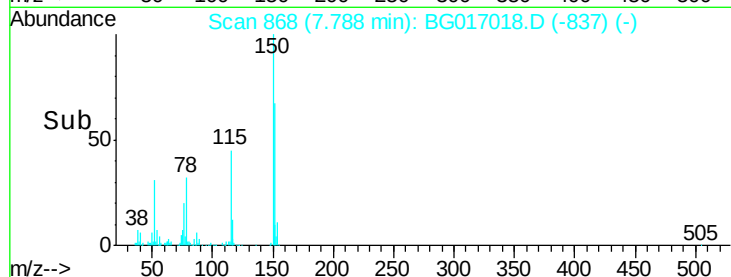
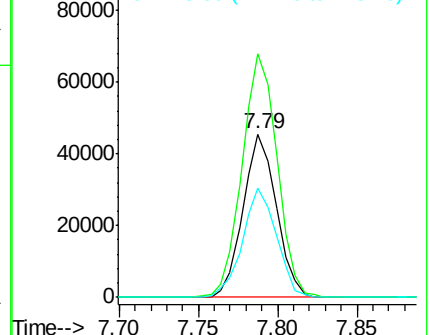
115 66.4 50.5 75.7



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: 90.03 ng

RT: 5.38 min Scan# 458

Delta R.T. -0.01 min

Lab File: BG017018.D

Acq: 10 May 2015 10:15

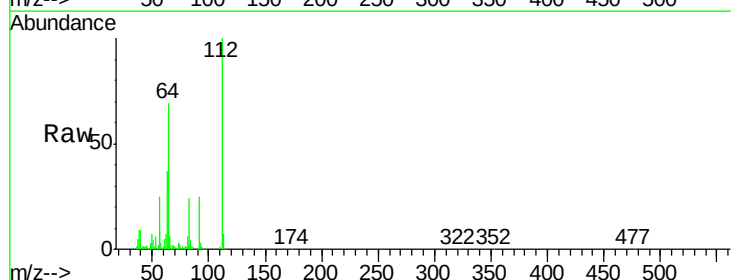
Tgt Ion:112 Resp: 343550

Ion Ratio Lower Upper

112 100

64 68.7 51.4 77.2

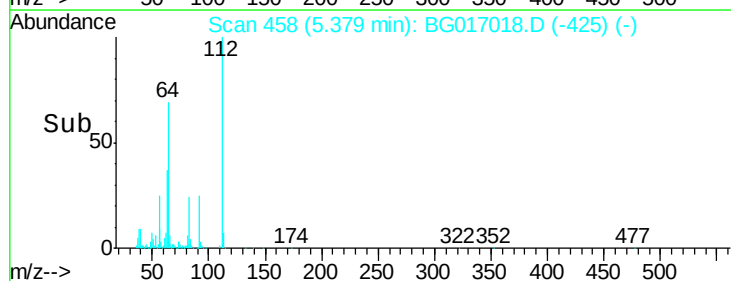
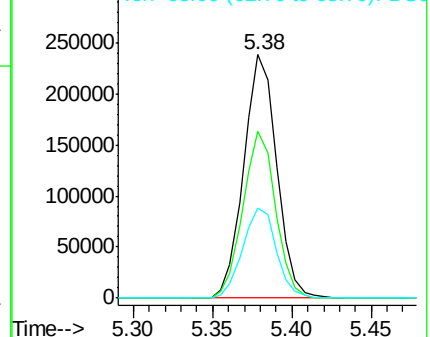
63 37.1 28.1 42.1

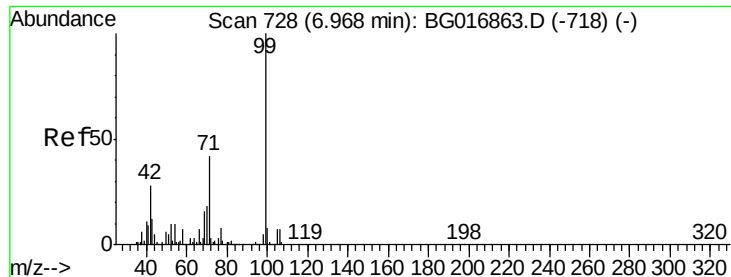


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 93.33 ng

RT: 6.97 min Scan# 729

Delta R.T. 0.00 min

Lab File: BG017018.D

Acq: 10 May 2015 10:15

Instrument :

BNA_G

ClientSampleId :

TU021-SB-13-3.0

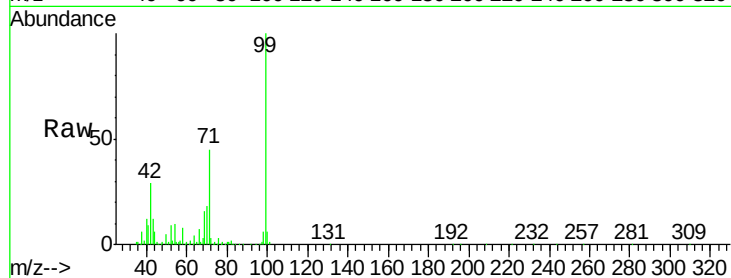
Tgt Ion: 99 Resp: 508811

Ion Ratio Lower Upper

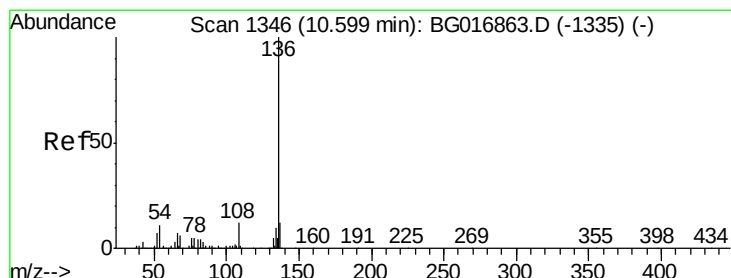
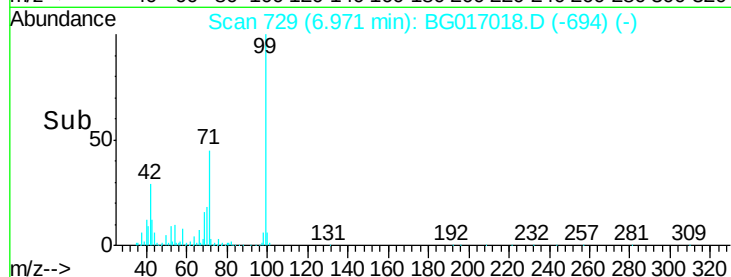
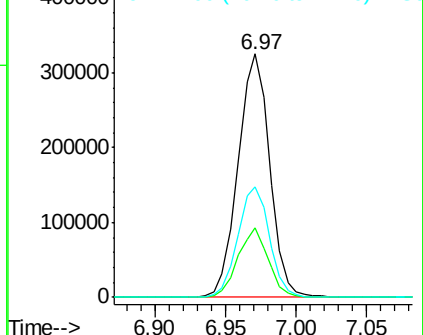
99 100

42 28.7 22.1 33.1

71 45.2 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: BG017018.D

Acq: 10 May 2015 10:15

Tgt Ion: 136 Resp: 322646

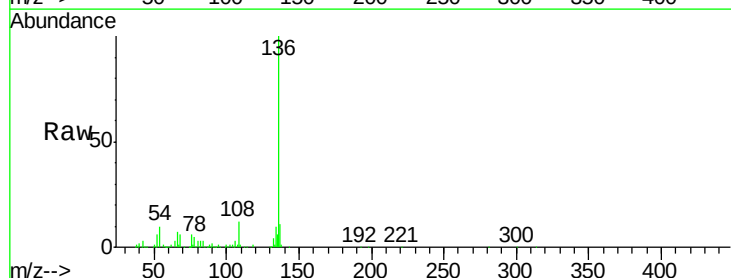
Ion Ratio Lower Upper

136 100

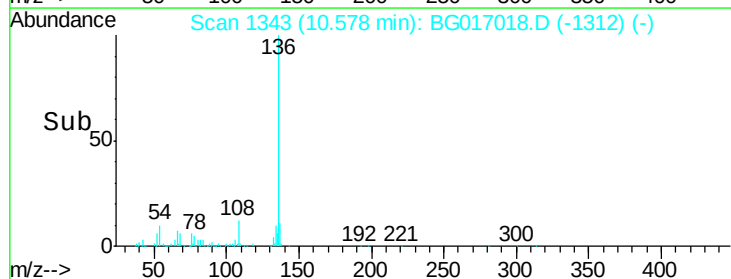
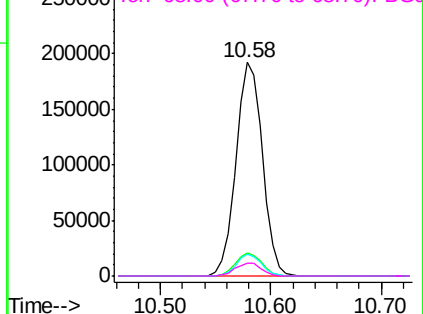
137 10.8 9.8 14.8

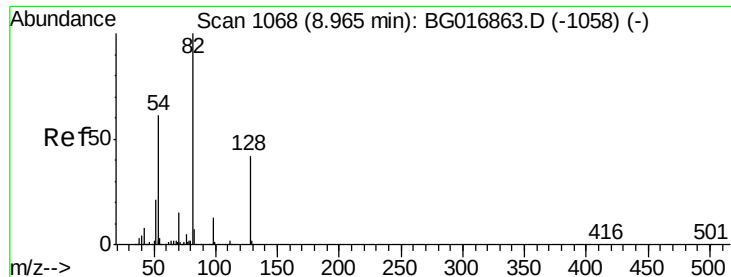
54 10.0 8.7 13.1

68 6.1 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

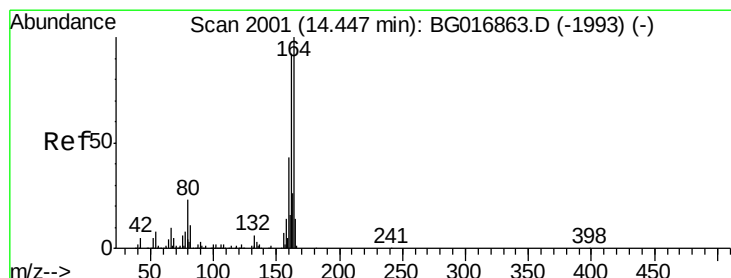
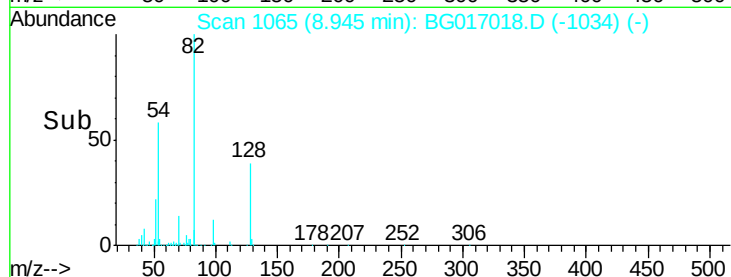
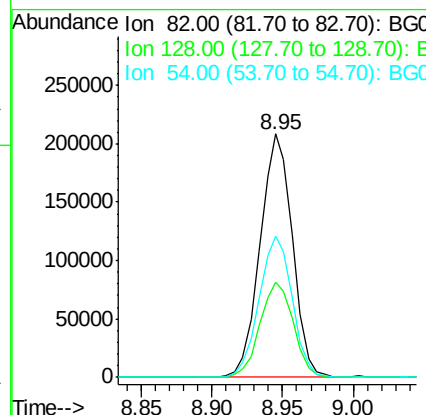
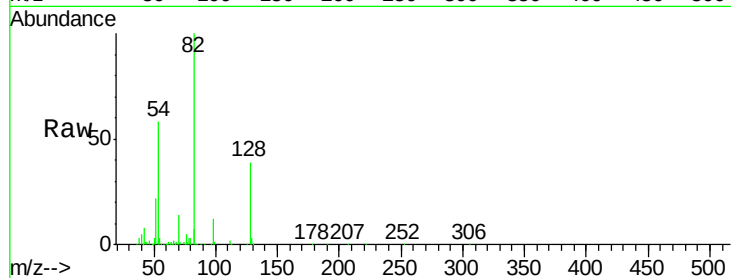




#23
 Nitrobenzene-d5
 Concen: 50.64 ng
 RT: 8.95 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BG017018.D
 Acq: 10 May 2015 10:15

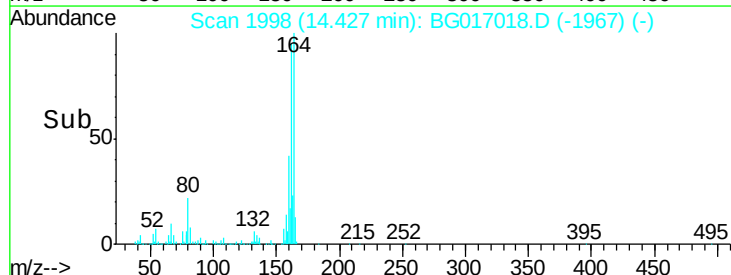
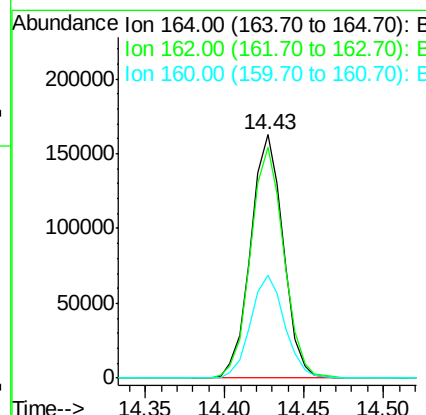
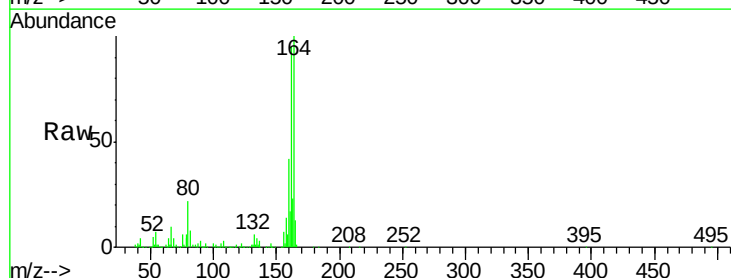
Instrument :
 BNA_G
 ClientSampleId :
 TU021-SB-13-3.0

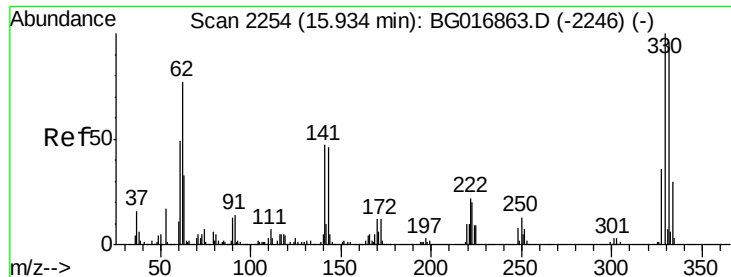
Tgt Ion: 82 Resp: 334443
 Ion Ratio Lower Upper
 82 100
 128 38.9 33.2 49.8
 54 58.0 48.6 72.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.43 min Scan# 1998
 Delta R.T. -0.02 min
 Lab File: BG017018.D
 Acq: 10 May 2015 10:15

Tgt Ion: 164 Resp: 232030
 Ion Ratio Lower Upper
 164 100
 162 94.8 74.0 111.0
 160 42.3 34.7 52.1

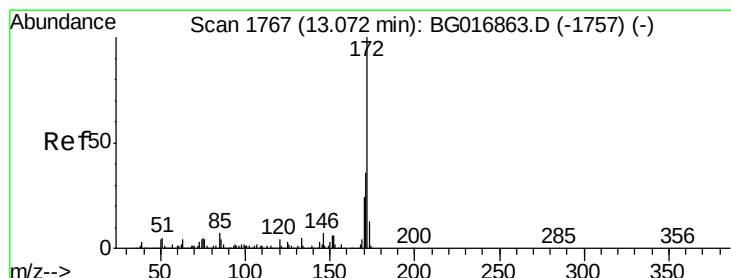
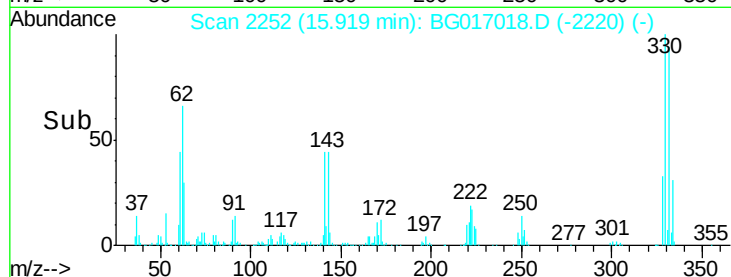
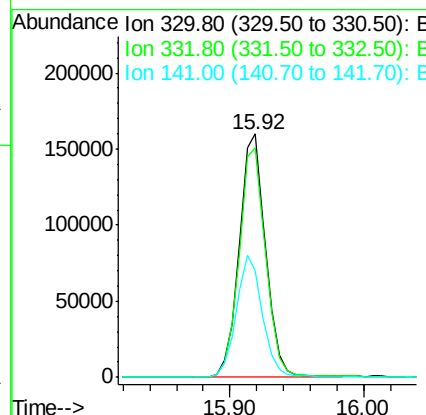
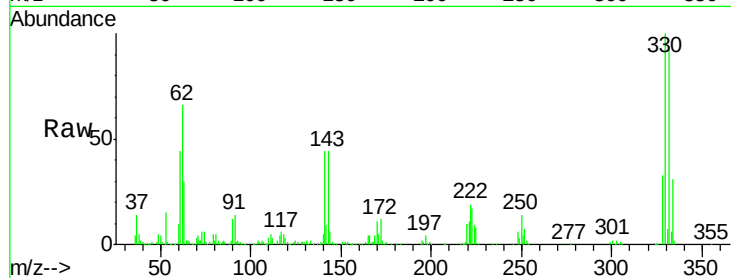




#41
 2,4,6-Tribromophenol
 Concen: 94.50 ng
 RT: 15.92 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: BG017018.D
 Acq: 10 May 2015 10:15

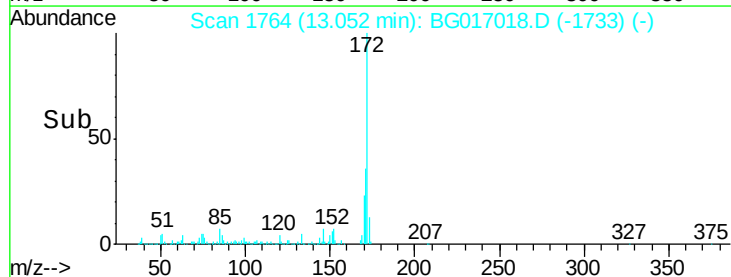
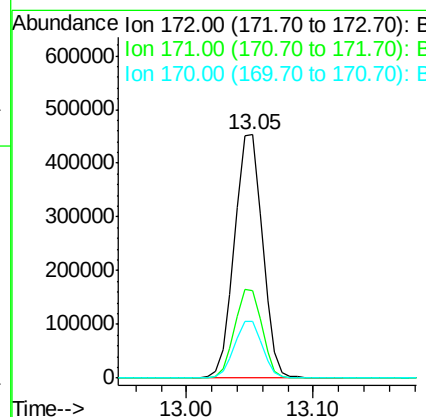
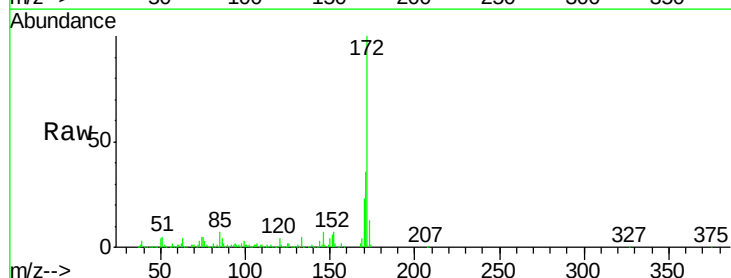
Instrument :
 BNA_G
 ClientSampleId :
 TU021-SB-13-3.0

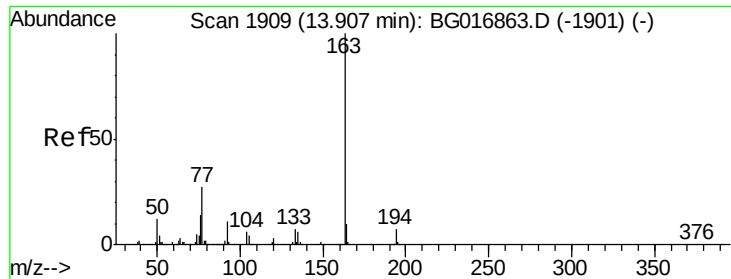
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	0.0	0.0#
141	50.0	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 45.14 ng
 RT: 13.05 min Scan# 1764
 Delta R.T. -0.02 min
 Lab File: BG017018.D
 Acq: 10 May 2015 10:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.4
170	23.2	19.0	28.4





#49

Dimethylphthalate

Concen: 2.17 ng

RT: 13.88 min Scan# 1905

Delta R.T. -0.03 min

Lab File: BG017018.D

Acq: 10 May 2015 10:15

Instrument :

BNA_G

ClientSampleId :

TU021-SB-13-3.0

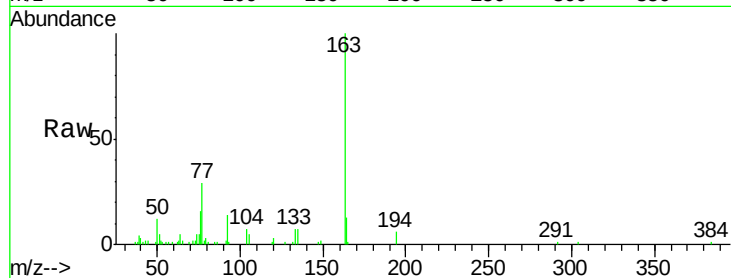
Tgt Ion:163 Resp: 37632

Ion Ratio Lower Upper

163 100

194 5.6 5.2 7.8

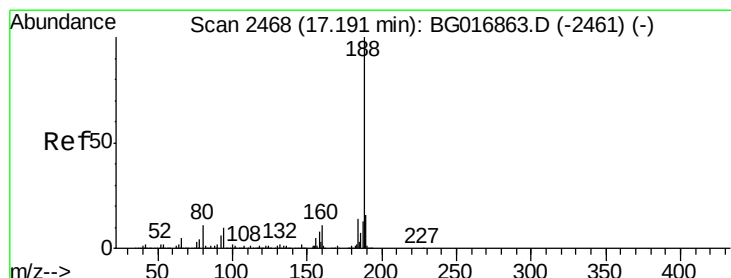
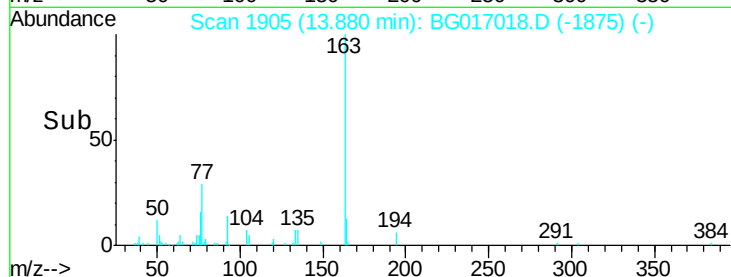
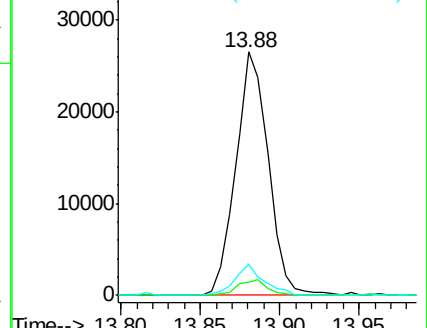
164 12.9 8.4 12.6#



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: BG017018.D

Acq: 10 May 2015 10:15

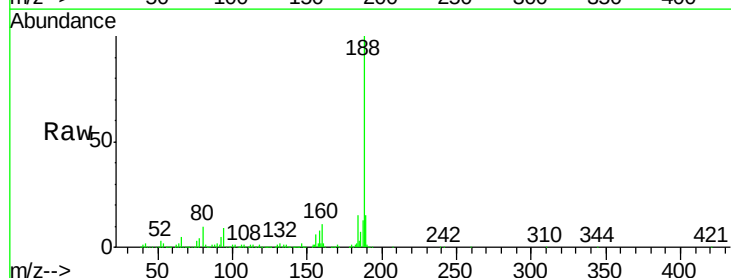
Tgt Ion:188 Resp: 521296

Ion Ratio Lower Upper

188 100

94 9.2 8.2 12.4

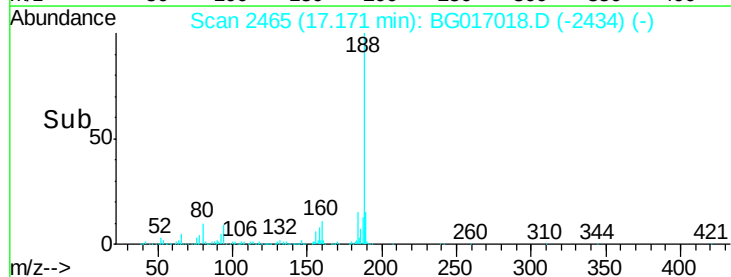
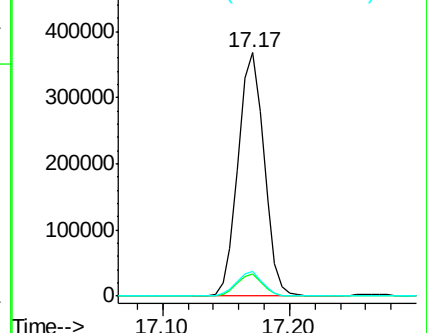
80 10.4 8.8 13.2

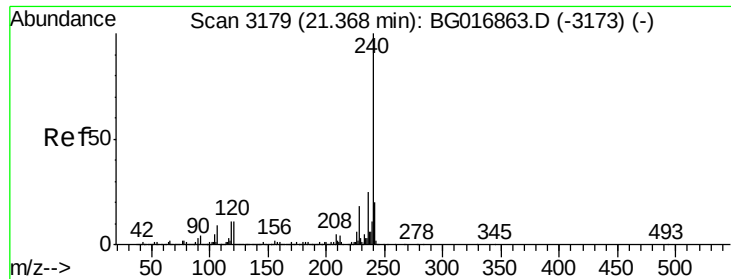


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.35 min Scan# 3176

Delta R.T. -0.02 min

Lab File: BG017018.D

Acq: 10 May 2015 10:15

Instrument :

BNA_G

ClientSampleId :

TU021-SB-13-3.0

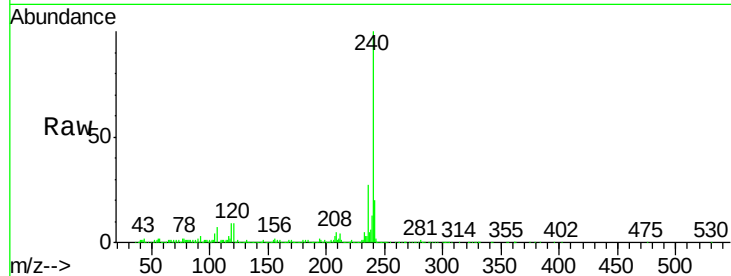
Tgt Ion:240 Resp: 480515

Ion Ratio Lower Upper

240 100

120 9.4 9.1 13.7

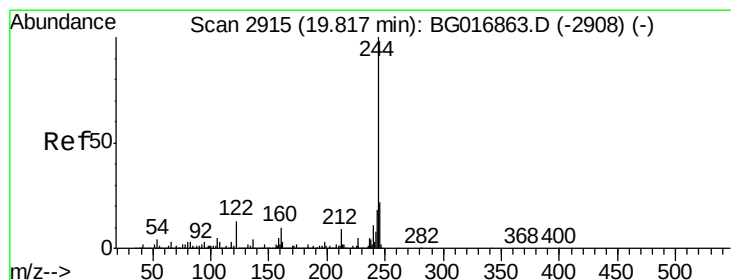
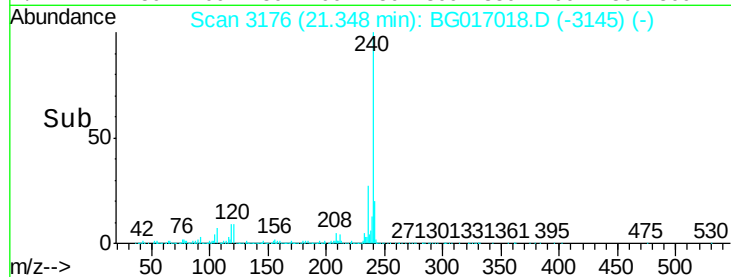
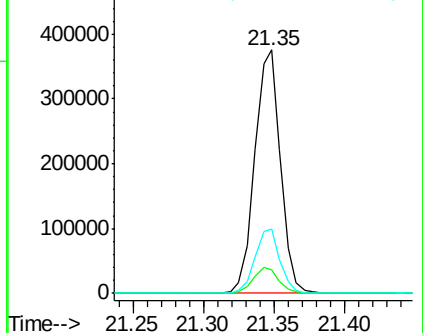
236 26.6 20.2 30.4



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: 53.06 ng

RT: 19.80 min Scan# 2912

Delta R.T. -0.02 min

Lab File: BG017018.D

Acq: 10 May 2015 10:15

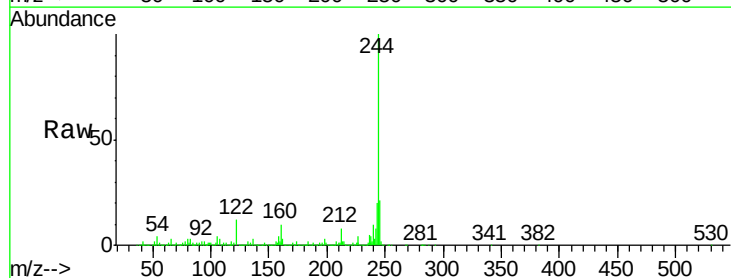
Tgt Ion:244 Resp: 1087511

Ion Ratio Lower Upper

244 100

212 8.3 7.0 10.6

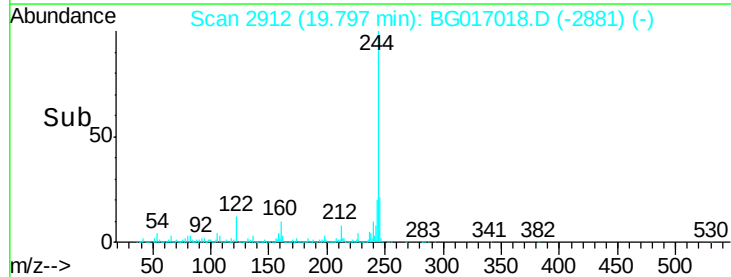
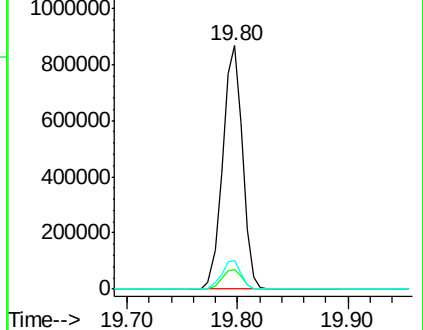
122 11.5 10.4 15.6

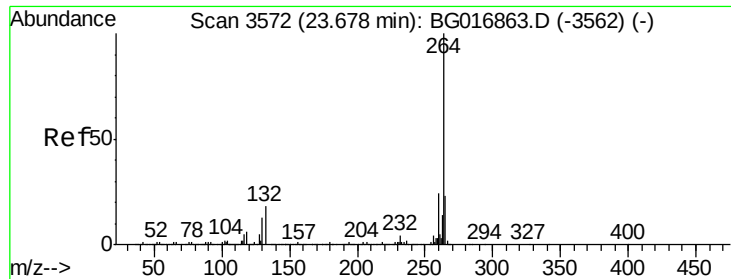


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

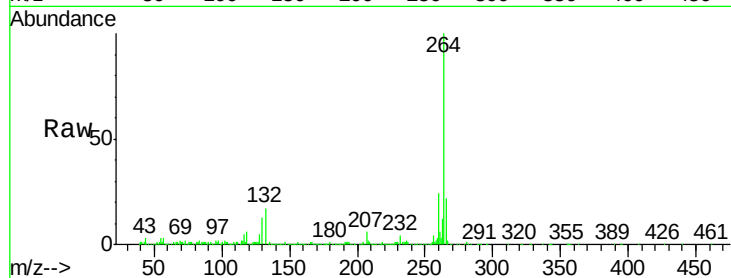




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.64 min Scan# 3566
Delta R.T. -0.04 min
Lab File: BG017018.D
Acq: 10 May 2015 10:15

Instrument :
BNA_G
ClientSampleId :
TU021-SB-13-3.0

Tgt Ion:	264	Resp:	480930
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.5	29.3
265	21.6	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

