

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
 Data File : BG017000.D
 Acq On : 9 May 2015 21:32
 Operator : TP/IZ
 Sample : G2184-01
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S8-0443

Quant Time: May 11 02:57:58 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	58376	20.00	ng	-0.02
21) Naphthalene-d8	10.58	136	272833	20.00	ng	-0.02
38) Acenaphthene-d10	14.43	164	176842	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	405023	20.00	ng	-0.02
75) Chrysene-d12	21.34	240	399575	20.00	ng	-0.03
86) Perylene-d12	23.64	264	390976	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	244063	72.80	ng	-0.02
7) Phenol-d6	6.96	99	218102	45.54	ng	0.00
23) Nitrobenzene-d5	8.94	82	520321	93.17	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	312387	175.96	ng	-0.02
44) 2-Fluorobiphenyl	13.05	172	1088615	92.89	ng	-0.02
78) Terphenyl-d14	19.80	244	1596458	93.66	ng	-0.02

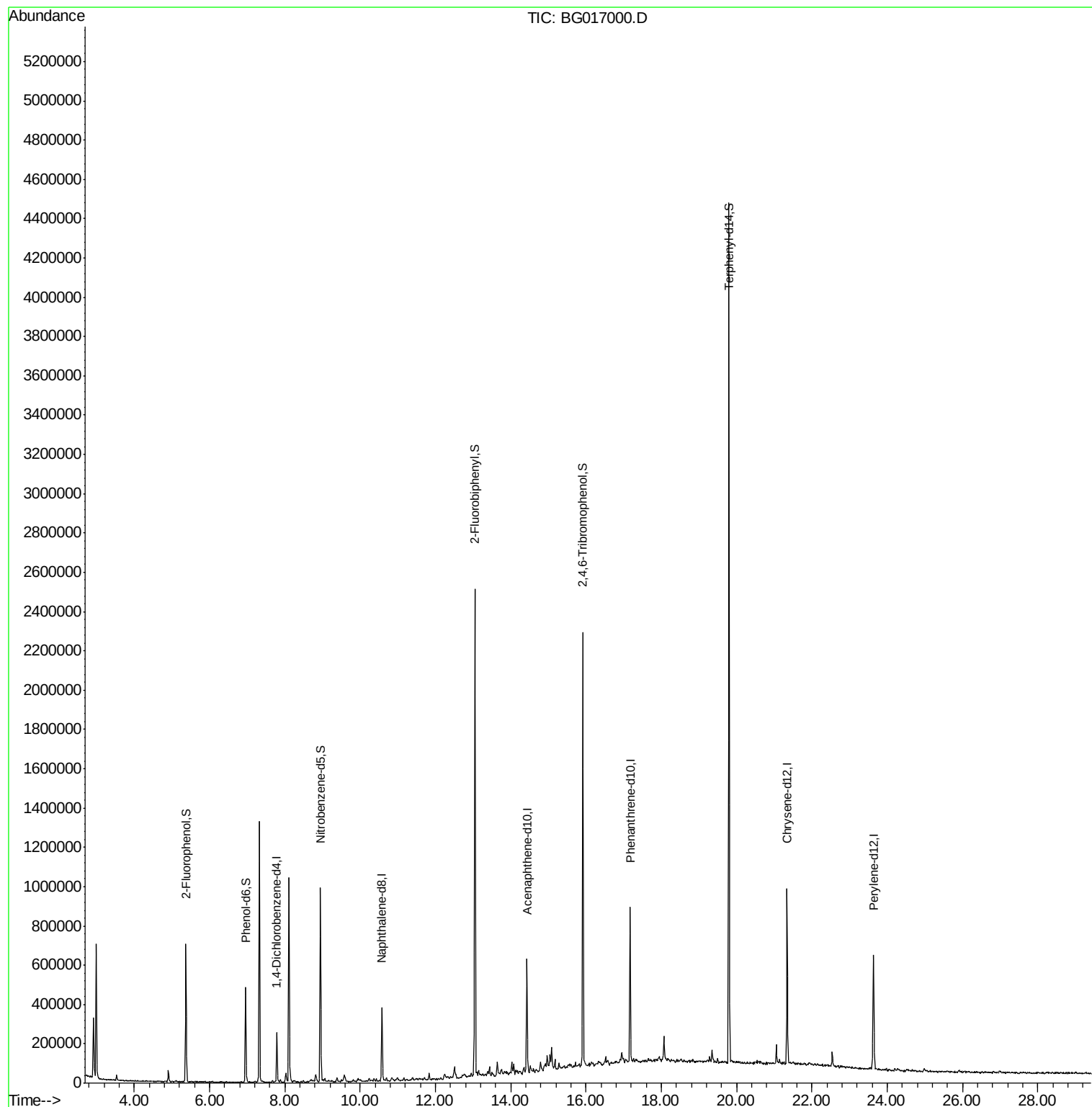
Target Compounds	Qvalue
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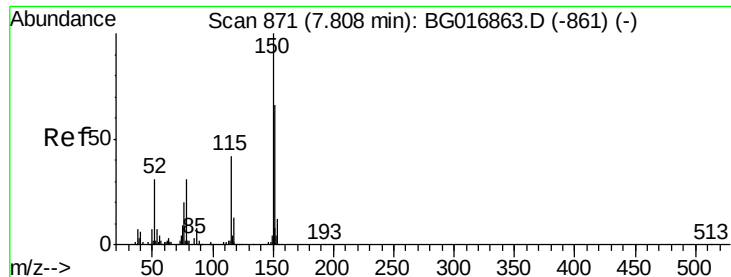
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG017000.D

Acq: 9 May 2015 21:32

Instrument :

BNA_G

ClientSampleId :

S8-0443

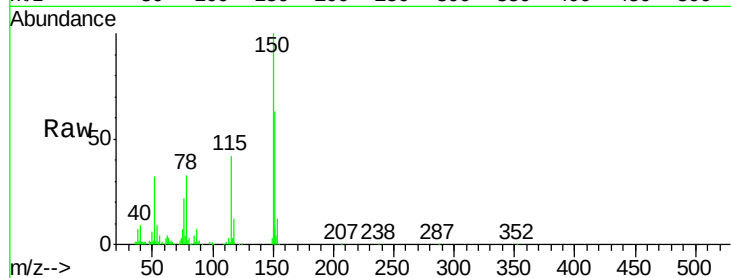
Tgt Ion:152 Resp: 58376

Ion Ratio Lower Upper

152 100

150 159.6 121.0 181.4

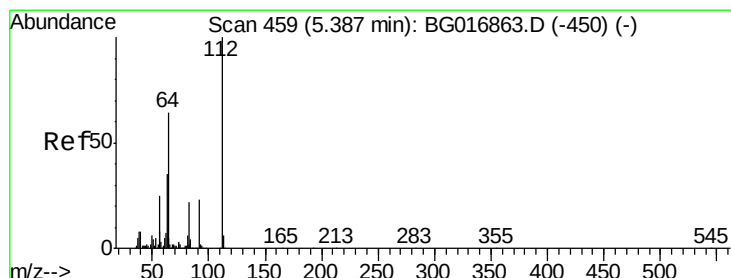
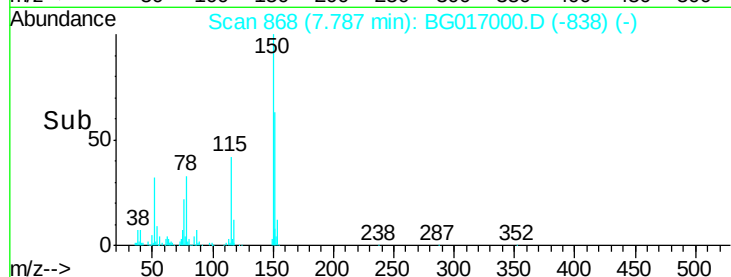
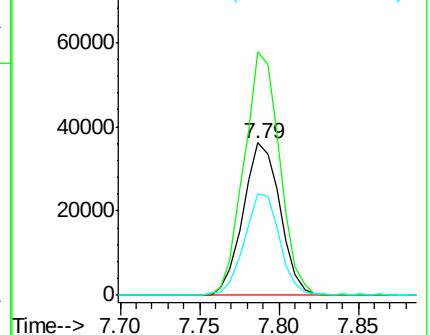
115 67.0 50.5 75.7



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: 72.80 ng

RT: 5.37 min Scan# 457

Delta R.T. -0.02 min

Lab File: BG017000.D

Acq: 9 May 2015 21:32

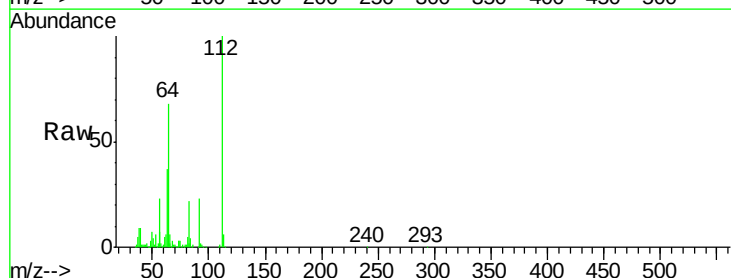
Tgt Ion:112 Resp: 244063

Ion Ratio Lower Upper

112 100

64 67.8 51.4 77.2

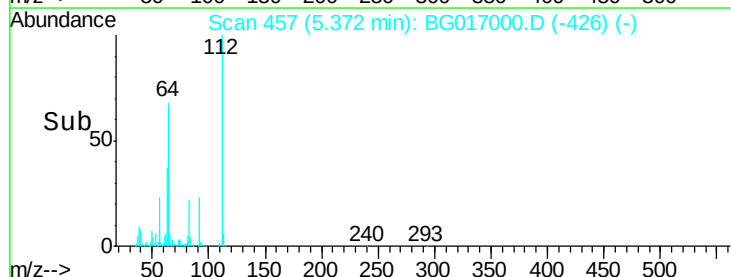
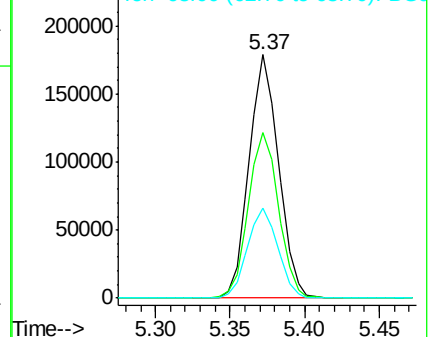
63 36.9 28.1 42.1

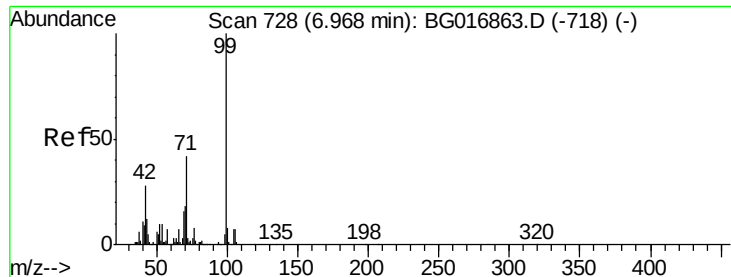


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 45.54 ng

RT: 6.96 min Scan# 727

Delta R.T. -0.01 min

Lab File: BG017000.D

Acq: 9 May 2015 21:32

Instrument :

BNA_G

ClientSampleId :

S8-0443

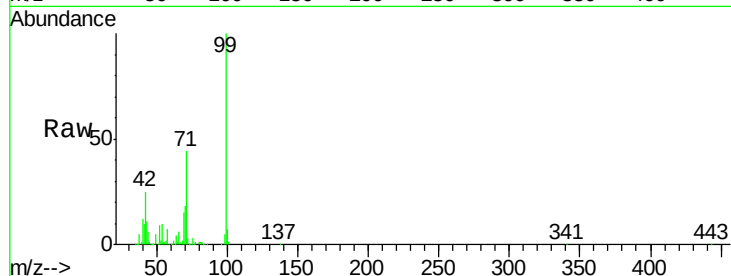
Tgt Ion: 99 Resp: 218102

Ion Ratio Lower Upper

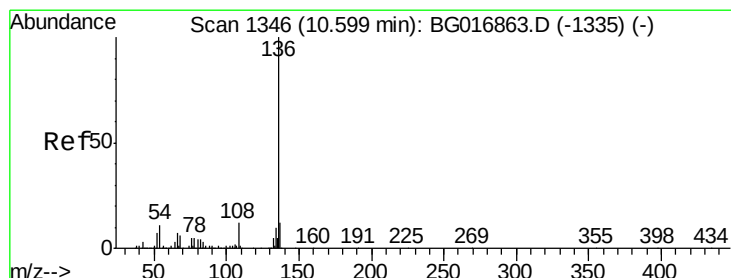
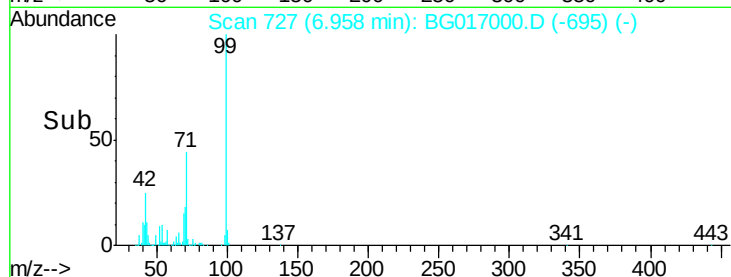
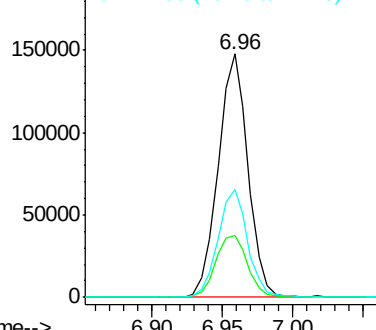
99 100

42 25.3 22.1 33.1

71 44.5 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: BG017000.D

Acq: 9 May 2015 21:32

Tgt Ion: 136 Resp: 272833

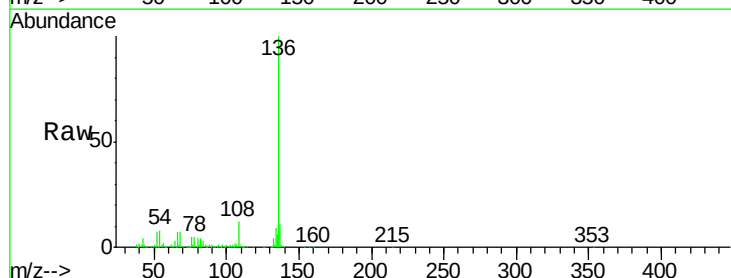
Ion Ratio Lower Upper

136 100

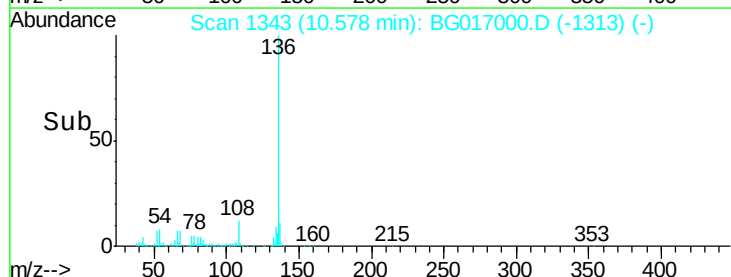
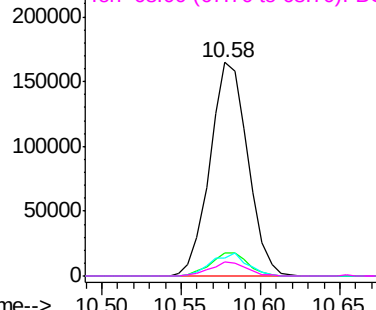
137 10.7 9.8 14.8

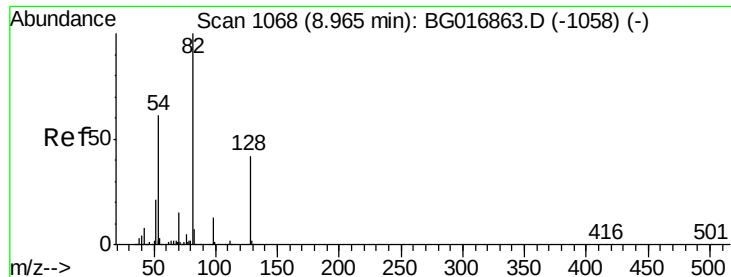
54 8.1 8.7 13.1#

68 6.6 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

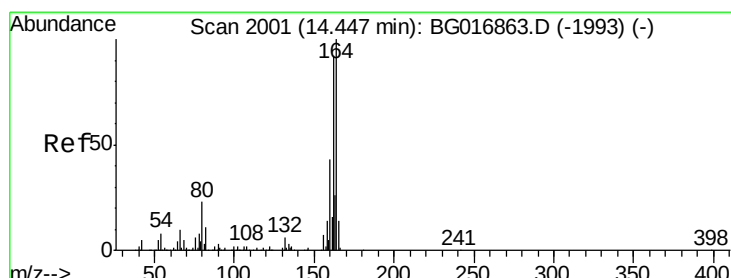
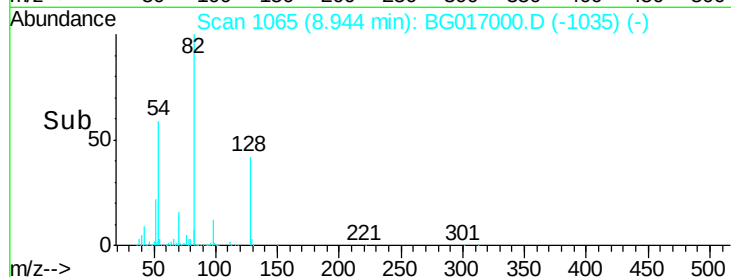
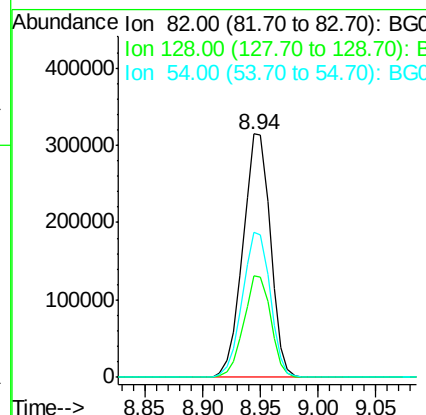
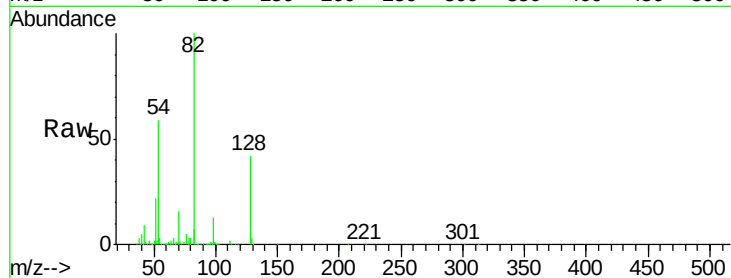




#23
 Nitrobenzene-d5
 Concen: 93.17 ng
 RT: 8.94 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BG017000.D
 Acq: 9 May 2015 21:32

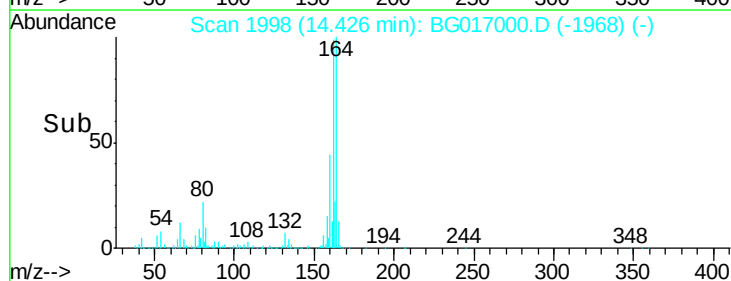
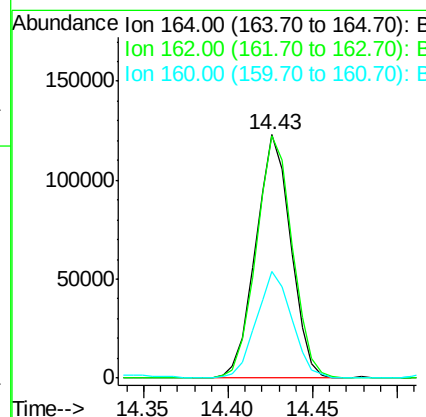
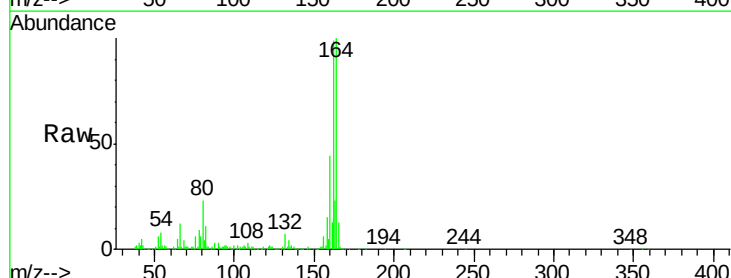
Instrument :
 BNA_G
 ClientSampleId :
 S8-0443

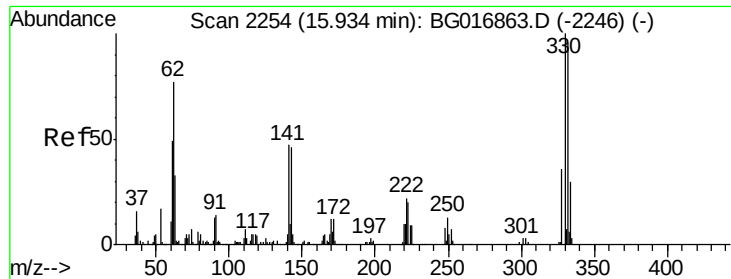
Tgt Ion: 82 Resp: 520321
 Ion Ratio Lower Upper
 82 100
 128 41.6 33.2 49.8
 54 59.3 48.6 72.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.43 min Scan# 1998
 Delta R.T. -0.02 min
 Lab File: BG017000.D
 Acq: 9 May 2015 21:32

Tgt Ion: 164 Resp: 176842
 Ion Ratio Lower Upper
 164 100
 162 99.3 74.0 111.0
 160 43.8 34.7 52.1

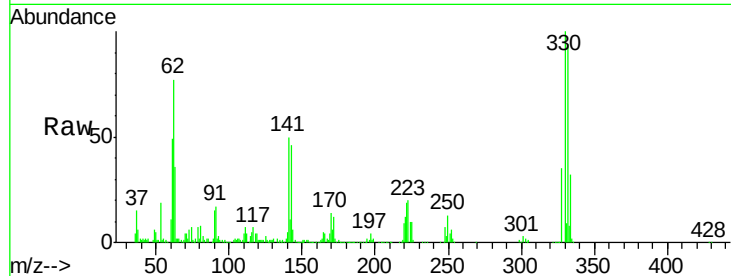




#41
 2,4,6-Tribromophenol
 Concen: 175.96 ng
 RT: 15.92 min Scan# 2252
 Delta R.T. -0.02 min
 Lab File: BG017000.D
 Acq: 9 May 2015 21:32

Instrument :
 BNA_G
 ClientSampleId :
 S8-0443

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	0.0	0.0#
141	50.6	0.0	0.0#

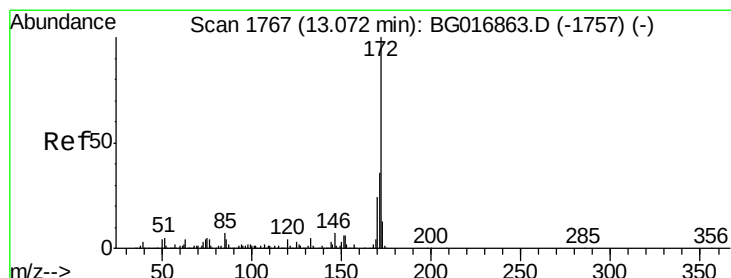
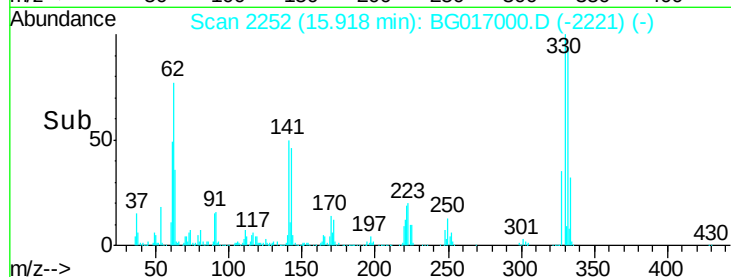
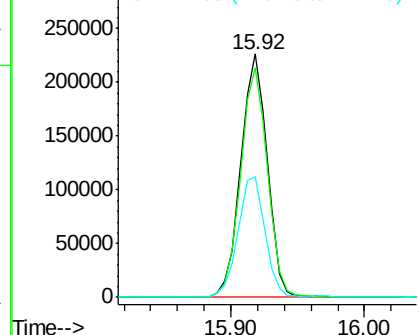


Abundance

Ion 329.80 (329.50 to 330.50): E

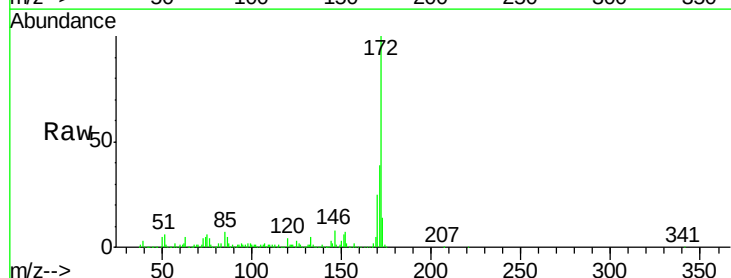
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 92.89 ng
 RT: 13.05 min Scan# 1764
 Delta R.T. -0.02 min
 Lab File: BG017000.D
 Acq: 9 May 2015 21:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.7	29.0	43.4
170	25.1	19.0	28.4

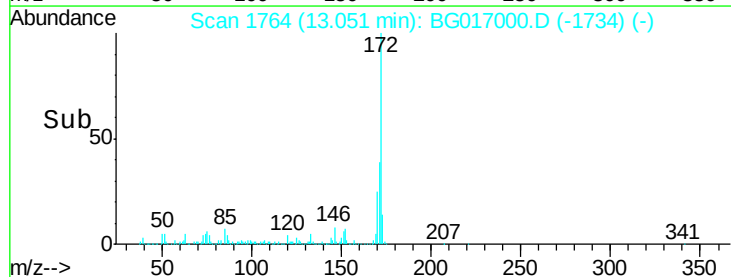
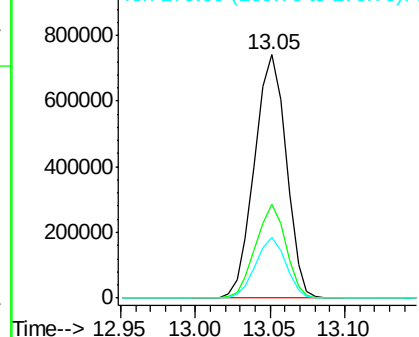


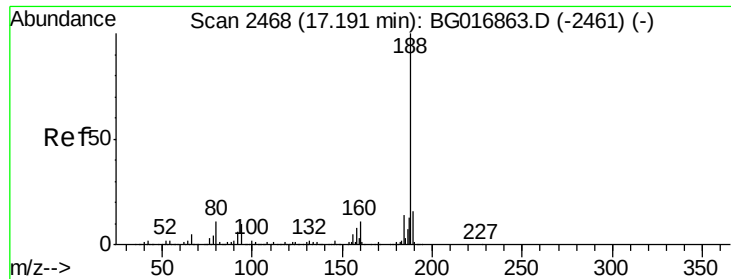
Abundance

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

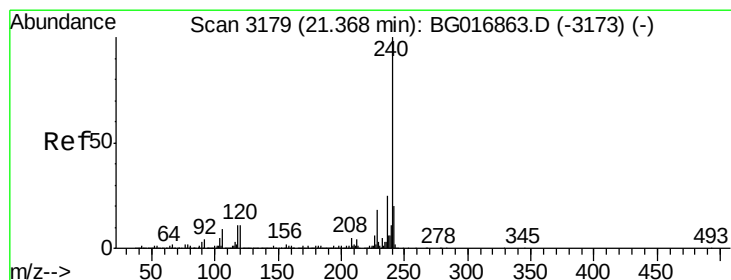
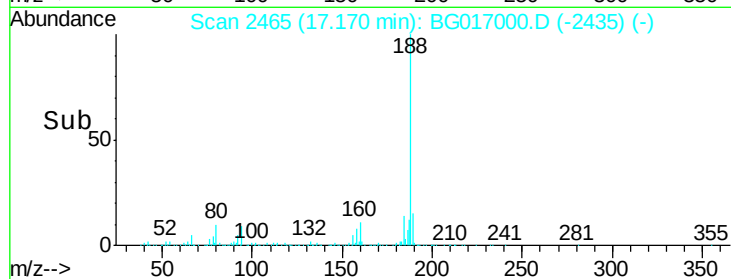
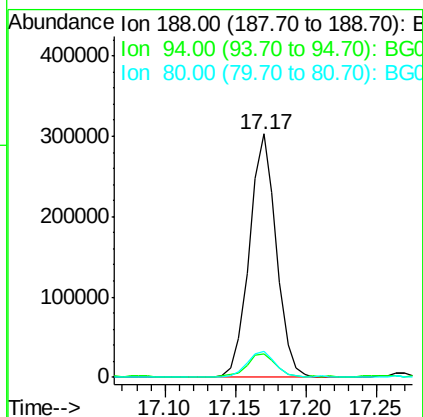
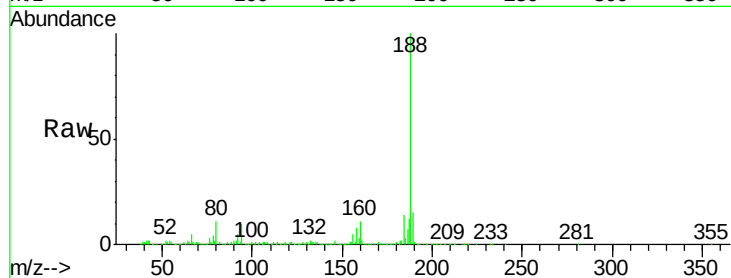




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2465
Delta R.T. -0.02 min
Lab File: BG017000.D
Acq: 9 May 2015 21:32

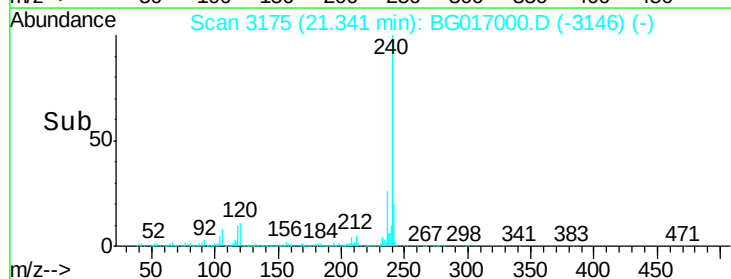
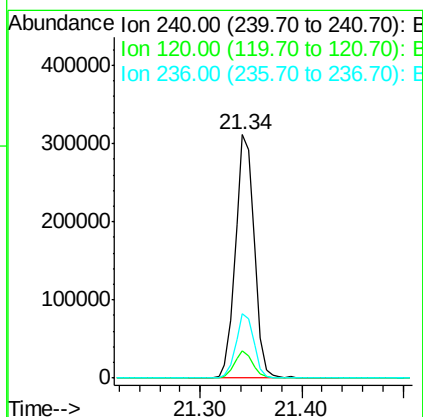
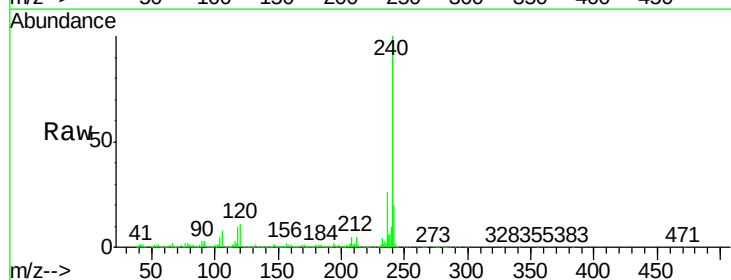
Instrument :
BNA_G
ClientSampleId :
S8-0443

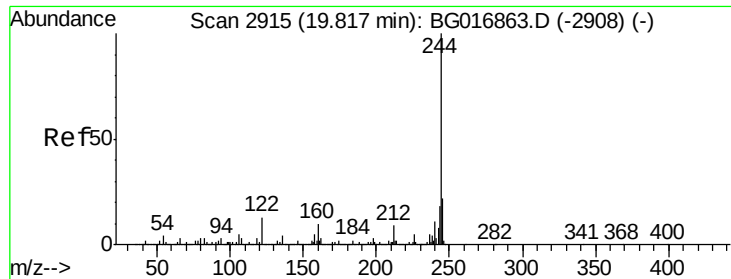
Tgt Ion:188 Resp: 405023
Ion Ratio Lower Upper
188 100
94 9.5 8.2 12.4
80 10.6 8.8 13.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.34 min Scan# 3175
Delta R.T. -0.03 min
Lab File: BG017000.D
Acq: 9 May 2015 21:32

Tgt Ion:240 Resp: 399575
Ion Ratio Lower Upper
240 100
120 11.0 9.1 13.7
236 26.4 20.2 30.4





#78

Terphenyl-d14

Concen: 93.66 ng

RT: 19.80 min Scan# 2912

Delta R.T. -0.02 min

Lab File: BG017000.D

Acq: 9 May 2015 21:32

Instrument :

BNA_G

ClientSampleId :

S8-0443

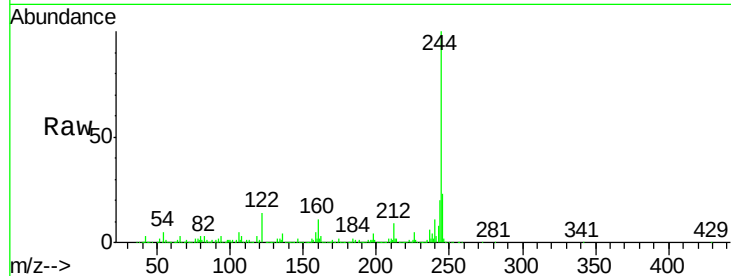
Tgt Ion:244 Resp: 1596458

Ion Ratio Lower Upper

244 100

212 9.3 7.0 10.6

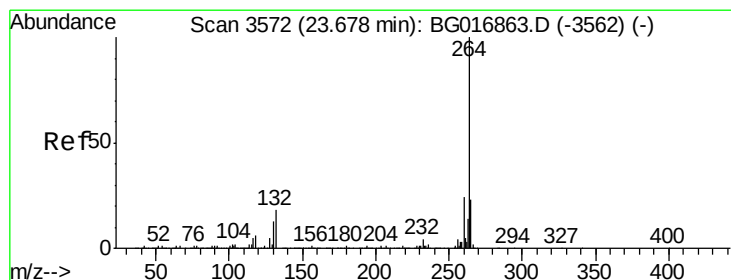
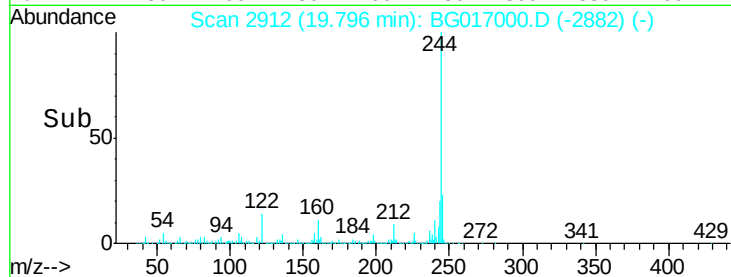
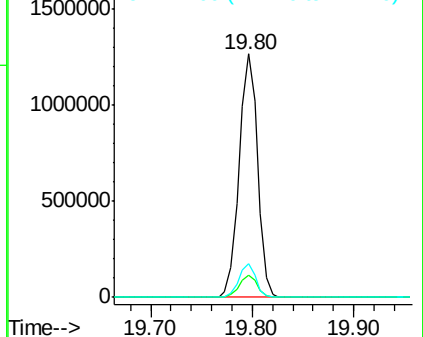
122 13.6 10.4 15.6



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: BG017000.D

Acq: 9 May 2015 21:32

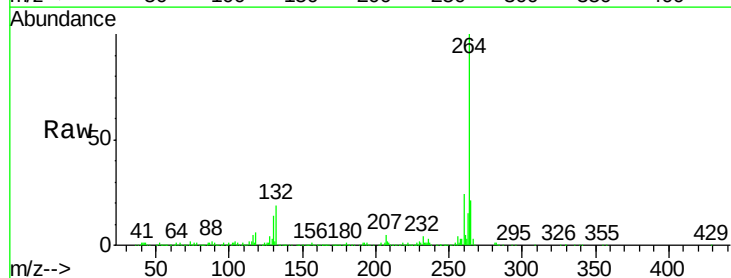
Tgt Ion:264 Resp: 390976

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

265 21.4 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

