

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050615\
 Data File : BG016907.D
 Acq On : 6 May 2015 19:37
 Operator : TP/IZ
 Sample : G2084-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 10

Quant Time: May 07 04:21:24 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 07 03:57:31 2015
 Response via : Initial Calibration

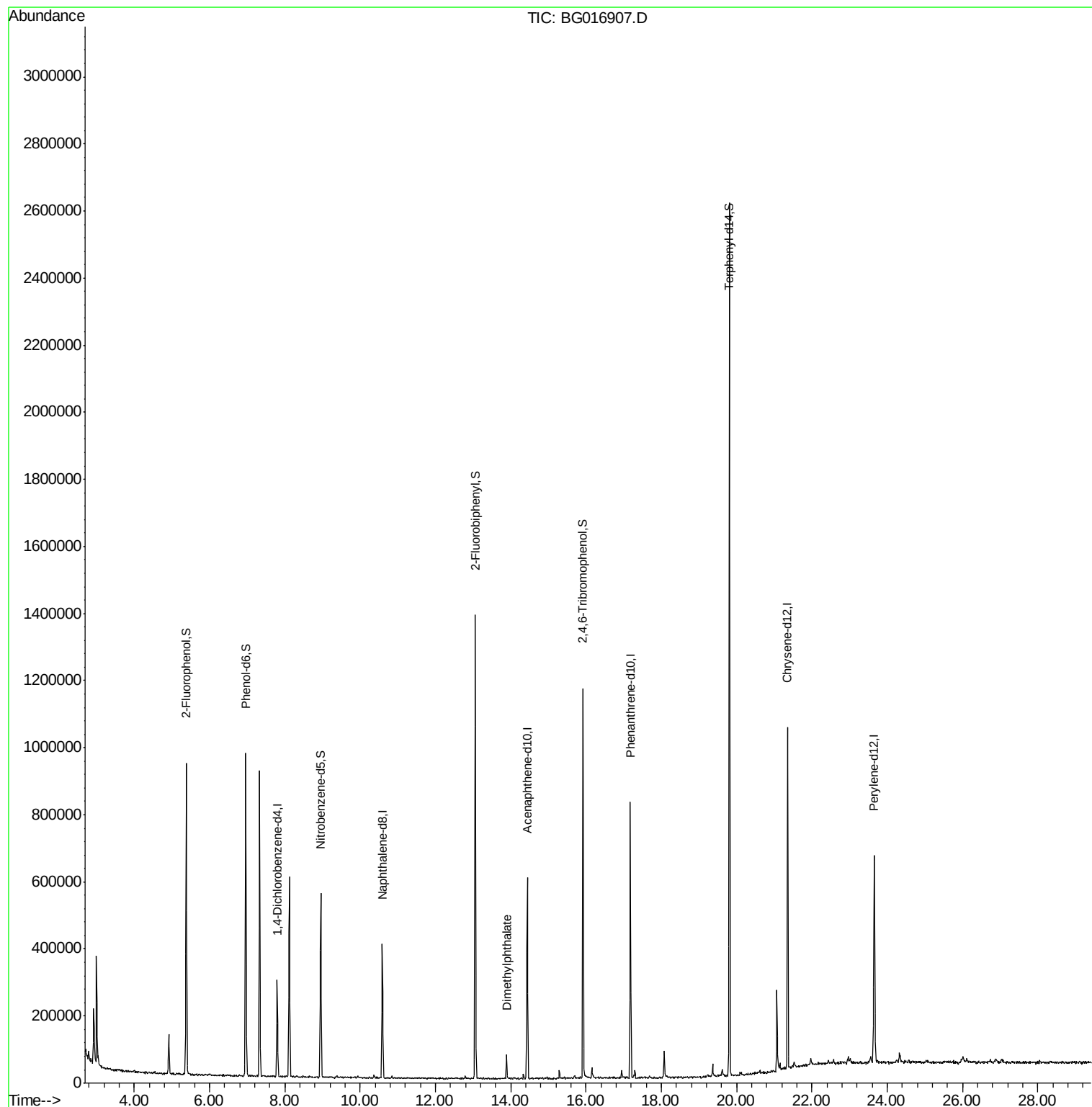
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	68572	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	294915	20.00	ng	0.00
38) Acenaphthene-d10	14.44	164	193776	20.00	ng	0.00
63) Phenanthrene-d10	17.18	188	446553	20.00	ng	0.00
75) Chrysene-d12	21.35	240	437116	20.00	ng	0.00
86) Perylene-d12	23.66	264	425279	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	327317	83.11	ng	0.00
7) Phenol-d6	6.96	99	459334	81.64	ng	0.00
23) Nitrobenzene-d5	8.96	82	290798	48.17	ng	0.00
41) 2,4,6-Tribromophenol	15.93	330	160159	82.33	ng	0.00
44) 2-Fluorobiphenyl	13.06	172	624530	48.63	ng	0.00
78) Terphenyl-d14	19.81	244	982321	52.68	ng	0.00
Target Compounds						
32) Benzoic acid	9.98	122	60	Below Cal	#	1
49) Dimethylphthalate	13.89	163	37439	2.59 ng	#	95

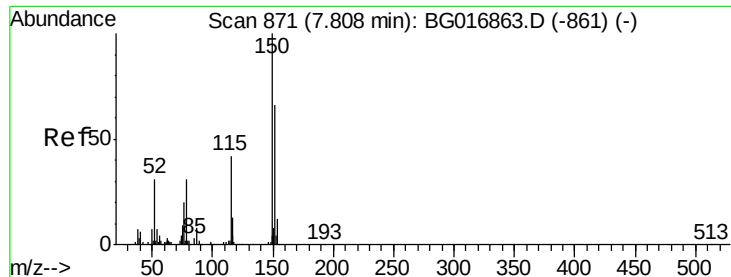
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.80 min Scan# 870

Delta R.T. -0.00 min

Lab File: BG016907.D

Acq: 6 May 2015 19:37

Instrument :

BNA_G

ClientSampleId :

10

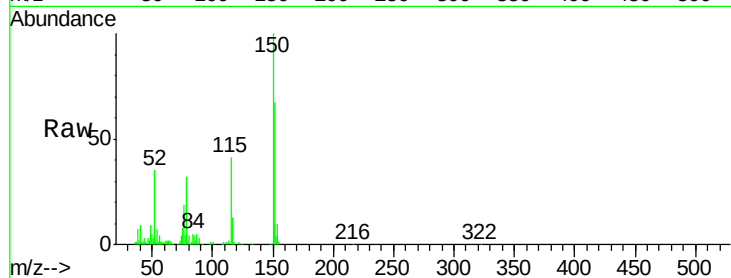
Tgt Ion:152 Resp: 68572

Ion Ratio Lower Upper

152 100

150 148.7 121.0 181.4

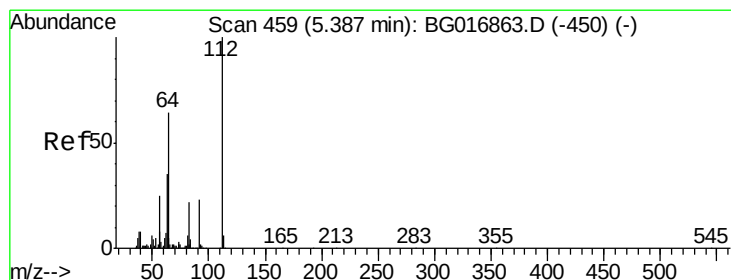
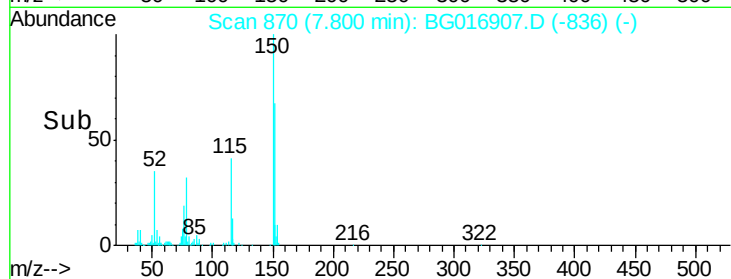
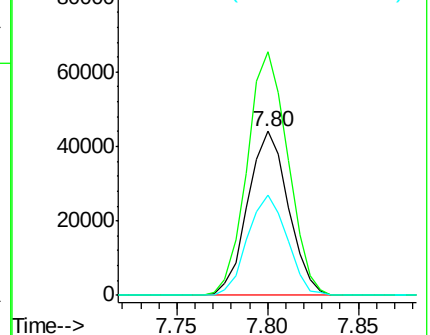
115 61.0 50.5 75.7



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: 83.11 ng

RT: 5.38 min Scan# 458

Delta R.T. -0.00 min

Lab File: BG016907.D

Acq: 6 May 2015 19:37

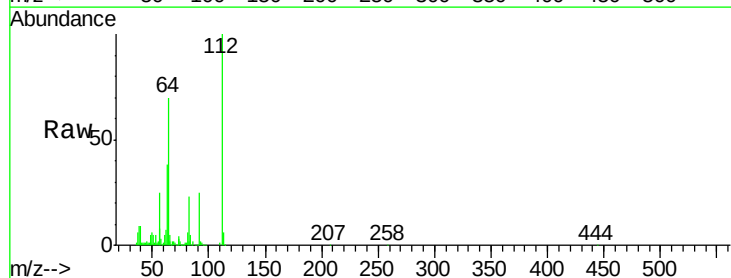
Tgt Ion:112 Resp: 327317

Ion Ratio Lower Upper

112 100

64 69.8 51.4 77.2

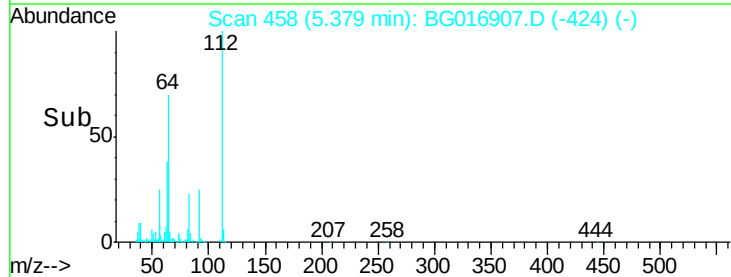
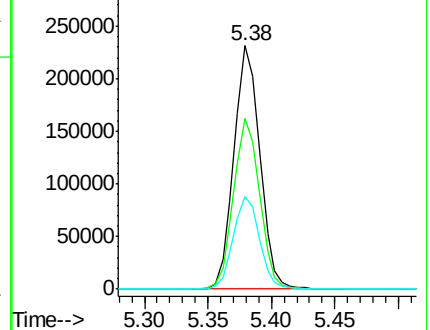
63 38.0 28.1 42.1

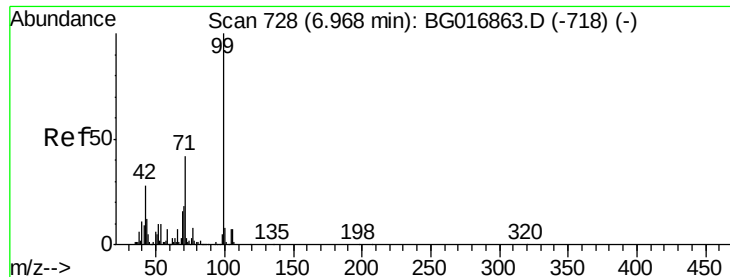


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 81.64 ng

RT: 6.96 min Scan# 727

Delta R.T. -0.01 min

Lab File: BG016907.D

Acq: 6 May 2015 19:37

Instrument :

BNA_G

ClientSampleId :

10

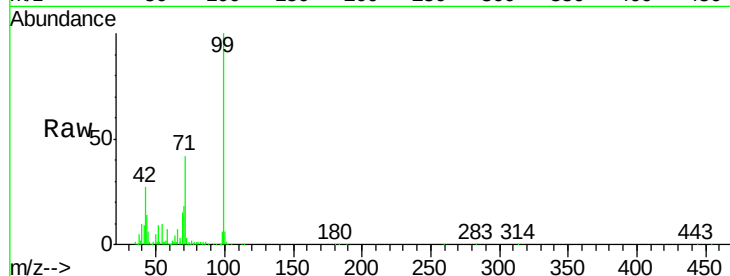
Tgt Ion: 99 Resp: 459334

Ion Ratio Lower Upper

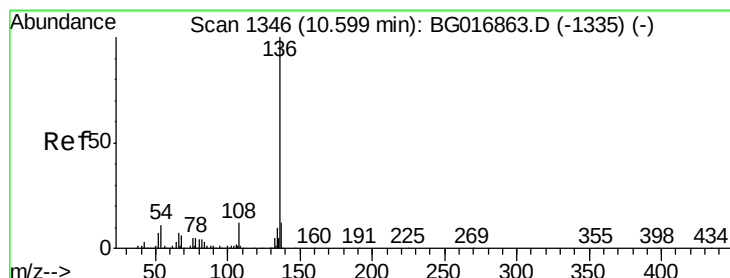
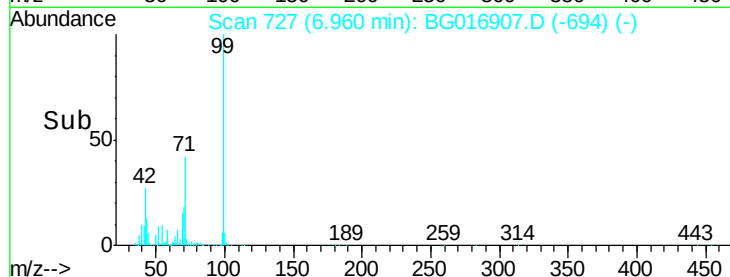
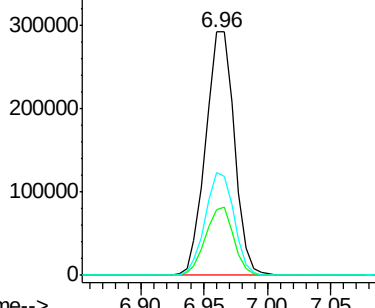
99 100

42 27.1 22.1 33.1

71 42.3 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: 10.59 min Scan# 1345

Delta R.T. -0.00 min

Lab File: BG016907.D

Acq: 6 May 2015 19:37

Tgt Ion: 136 Resp: 294915

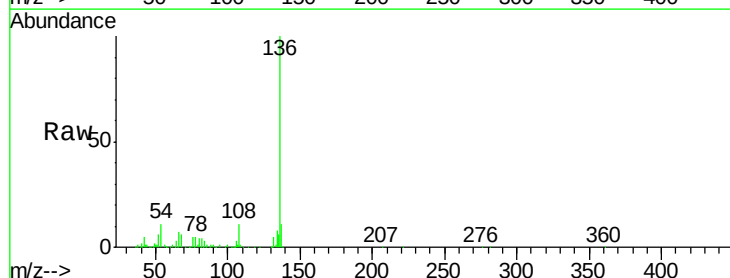
Ion Ratio Lower Upper

136 100

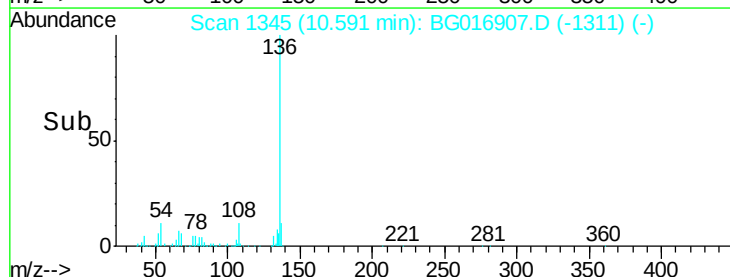
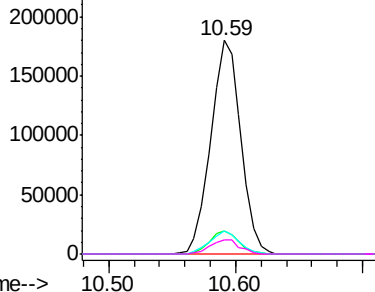
137 11.0 9.8 14.8

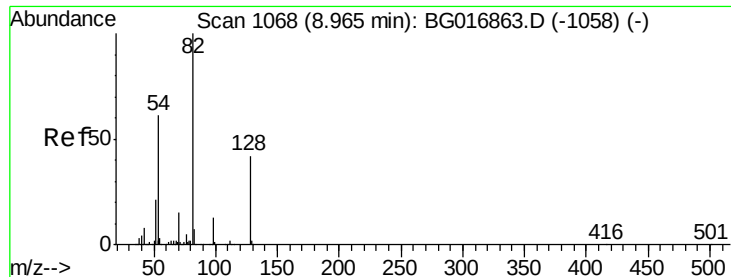
54 10.6 8.7 13.1

68 6.4 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

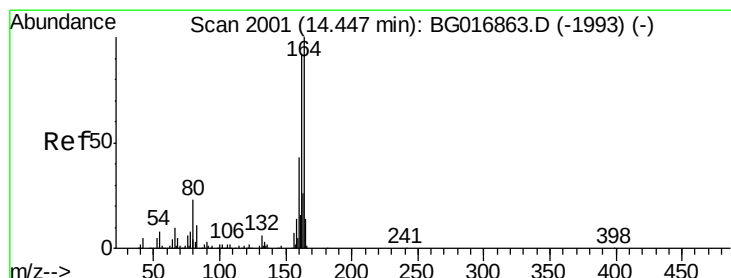
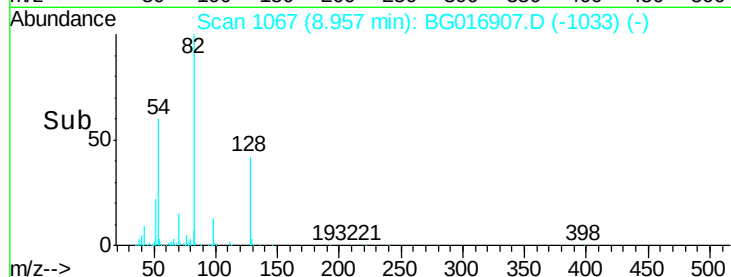
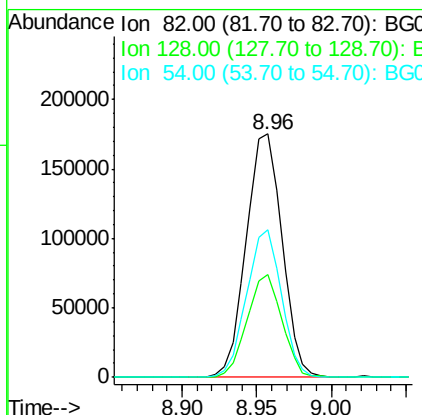
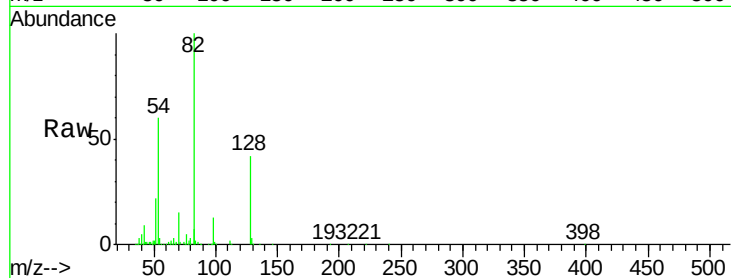




#23
 Nitrobenzene-d5
 Concen: 48.17 ng
 RT: 8.96 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: BG016907.D
 Acq: 6 May 2015 19:37

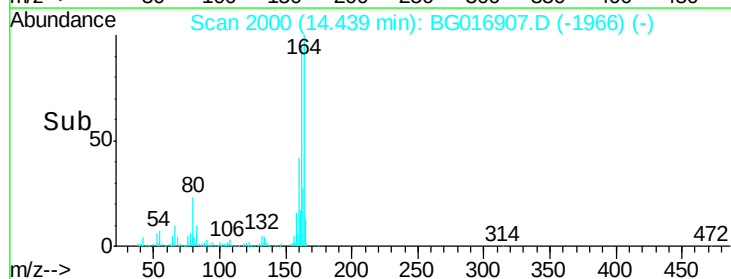
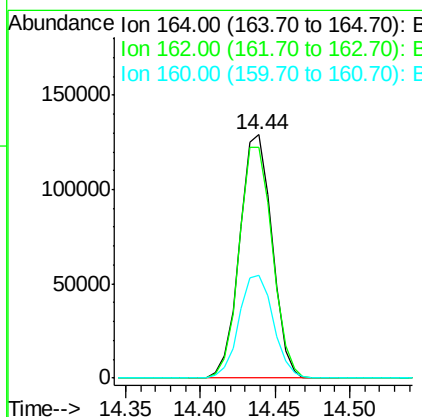
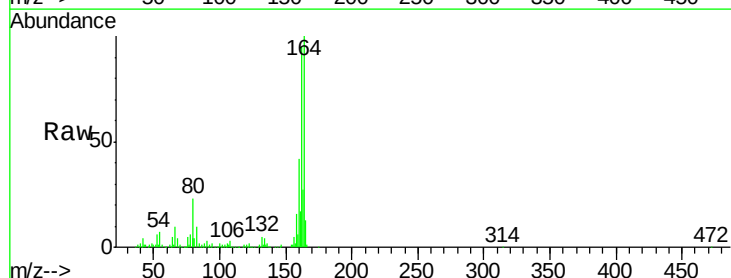
Instrument :
 BNA_G
 ClientSampled :
 10

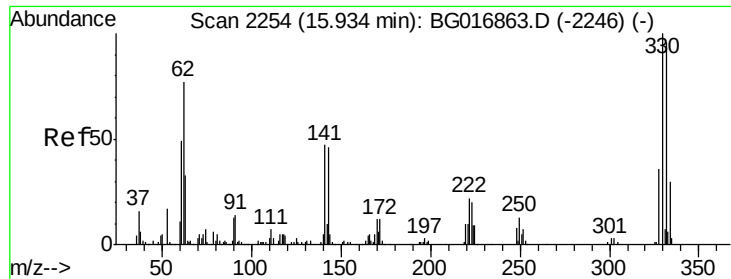
Tgt Ion: 82 Resp: 290798
 Ion Ratio Lower Upper
 82 100
 128 42.3 33.2 49.8
 54 60.5 48.6 72.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.44 min Scan# 2000
 Delta R.T. -0.00 min
 Lab File: BG016907.D
 Acq: 6 May 2015 19:37

Tgt Ion: 164 Resp: 193776
 Ion Ratio Lower Upper
 164 100
 162 94.7 74.0 111.0
 160 42.1 34.7 52.1

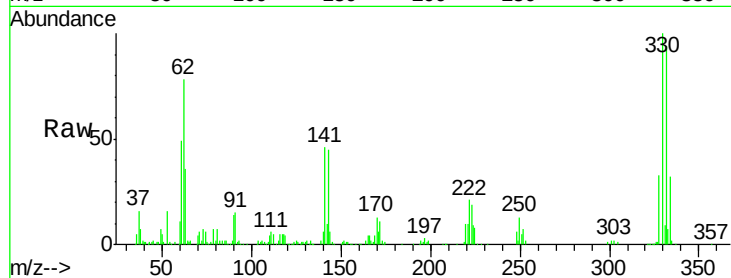




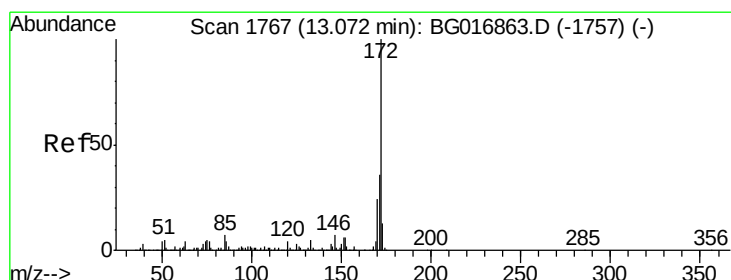
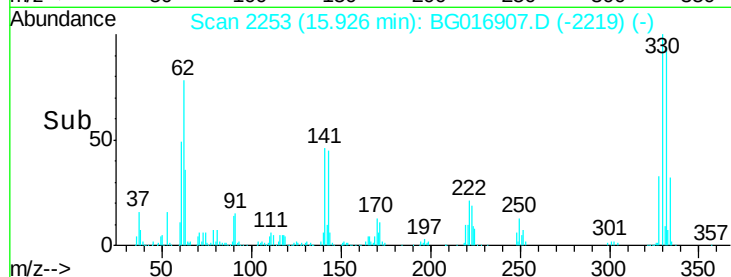
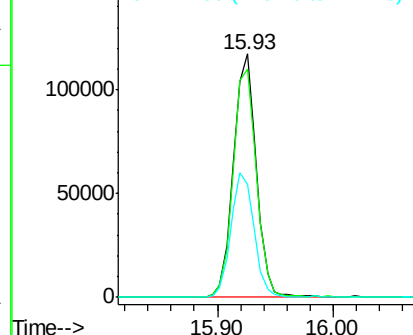
#41
 2,4,6-Tribromophenol
 Concen: 82.33 ng
 RT: 15.93 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: BG016907.D
 Acq: 6 May 2015 19:37

Instrument :
 BNA_G
 ClientSampleId :
 10

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	51.6	0.0	0.0#

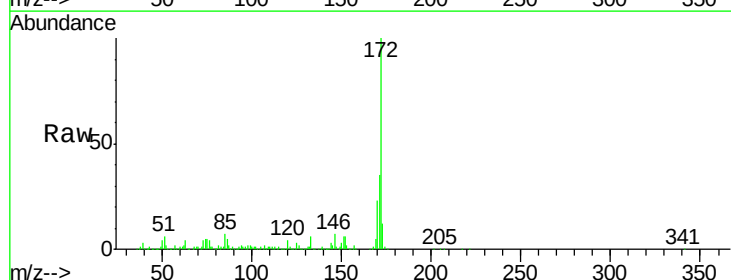


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

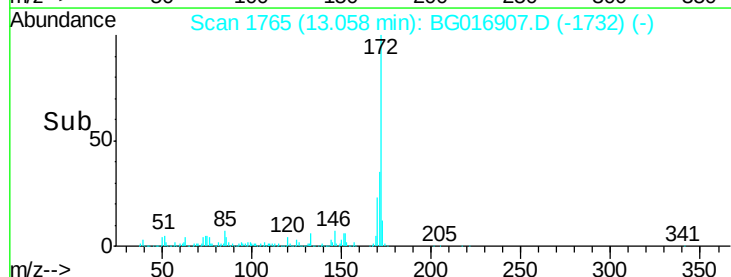
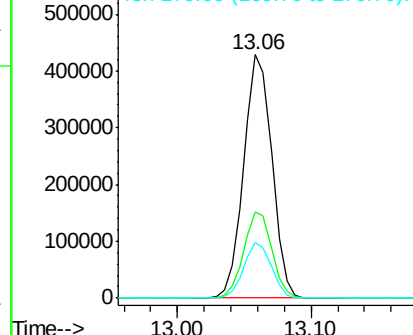


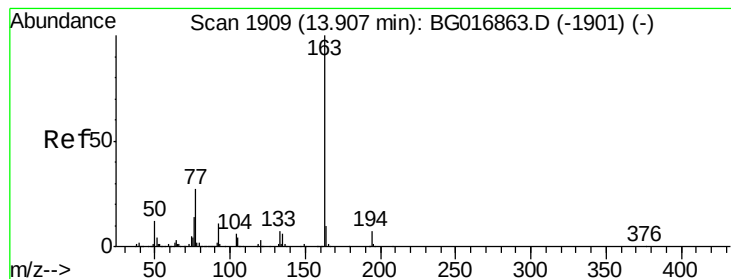
#44
 2-Fluorobiphenyl
 Concen: 48.63 ng
 RT: 13.06 min Scan# 1765
 Delta R.T. -0.01 min
 Lab File: BG016907.D
 Acq: 6 May 2015 19:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.0	43.4
170	22.8	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: 2.59 ng

RT: 13.89 min Scan# 1907

Delta R.T. -0.01 min

Lab File: BG016907.D

Acq: 6 May 2015 19:37

Instrument :

BNA_G

ClientSampleId :

10

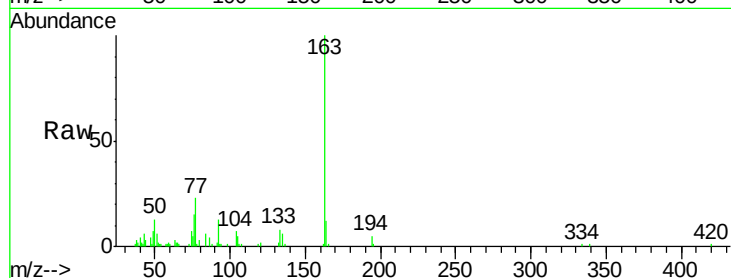
Tgt Ion:163 Resp: 37439

Ion Ratio Lower Upper

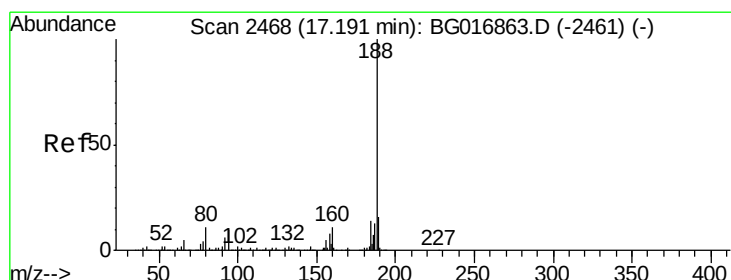
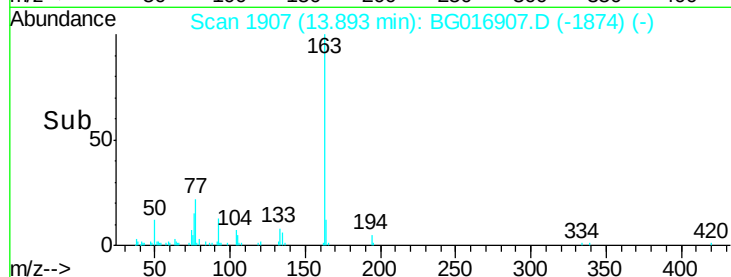
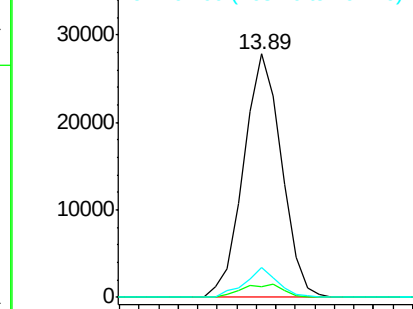
163 100

194 4.5 5.2 7.8#

164 12.4 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: 17.18 min Scan# 2467

Delta R.T. -0.00 min

Lab File: BG016907.D

Acq: 6 May 2015 19:37

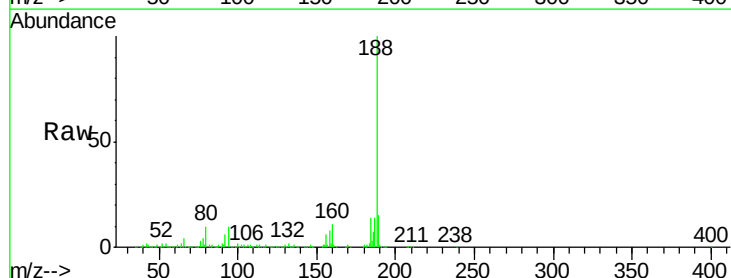
Tgt Ion:188 Resp: 446553

Ion Ratio Lower Upper

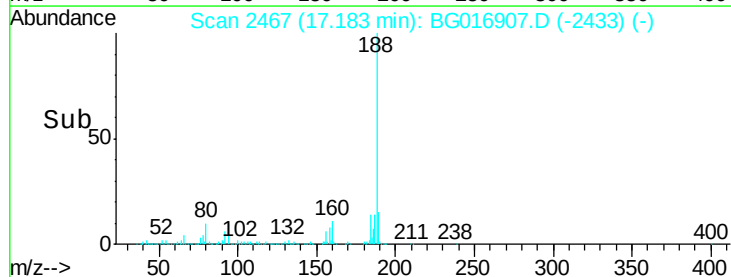
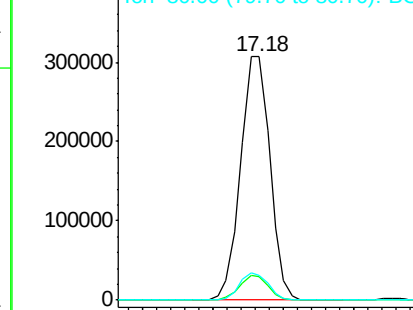
188 100

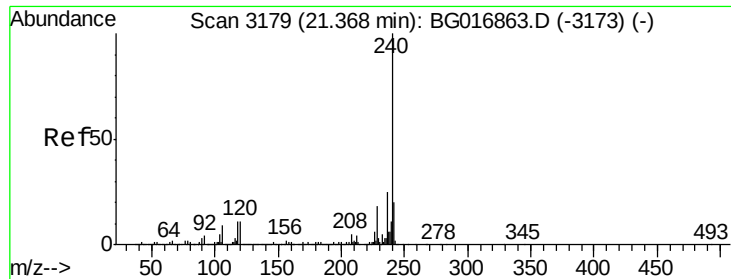
94 9.5 8.2 12.4

80 10.1 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: 21.35 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG016907.D

Acq: 6 May 2015 19:37

Instrument :

BNA_G

ClientSampleId :

10

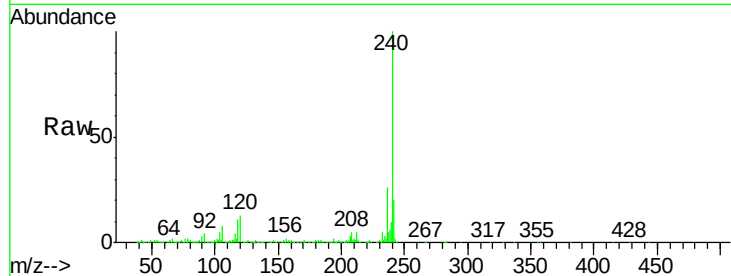
Tgt Ion:240 Resp: 437116

Ion Ratio Lower Upper

240 100

120 12.5 9.1 13.7

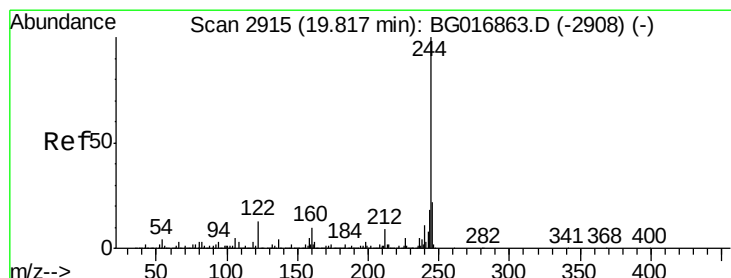
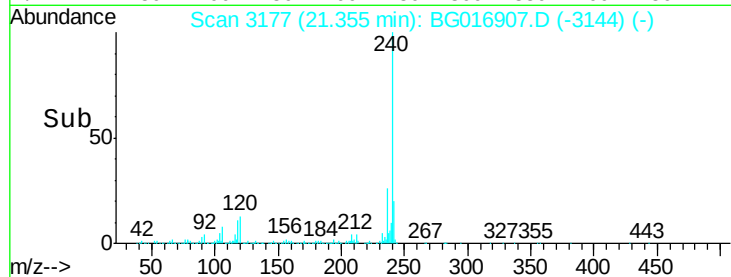
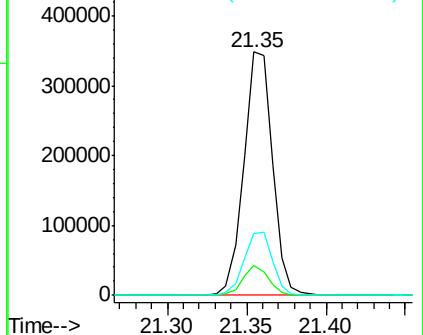
236 25.6 20.2 30.4



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: 52.68 ng

RT: 19.81 min Scan# 2914

Delta R.T. -0.00 min

Lab File: BG016907.D

Acq: 6 May 2015 19:37

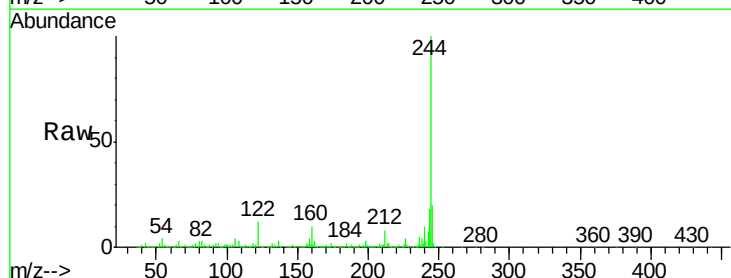
Tgt Ion:244 Resp: 982321

Ion Ratio Lower Upper

244 100

212 8.0 7.0 10.6

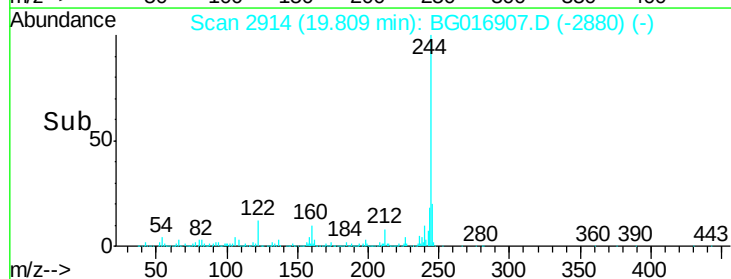
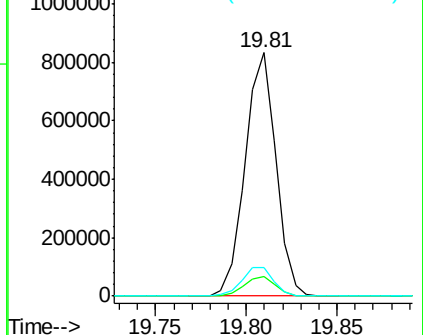
122 11.8 10.4 15.6

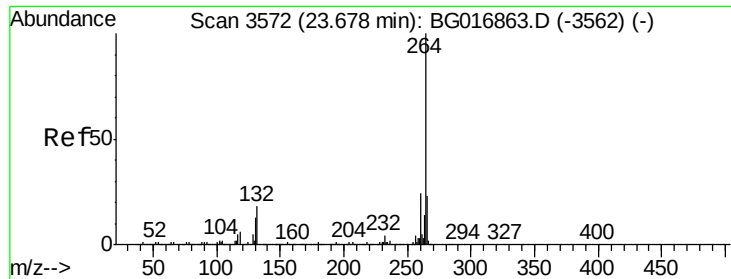


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.66 min Scan# 3569
Delta R.T. -0.01 min
Lab File: BG016907.D
Acq: 6 May 2015 19:37

Instrument :
BNA_G
ClientSampleId :
10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	22.5	18.5	27.7

