

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050515\
 Data File : BG016890.D
 Acq On : 6 May 2015 9:00
 Operator : TP/IZ
 Sample : G2035-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-7-D6

Quant Time: May 06 13:50:22 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

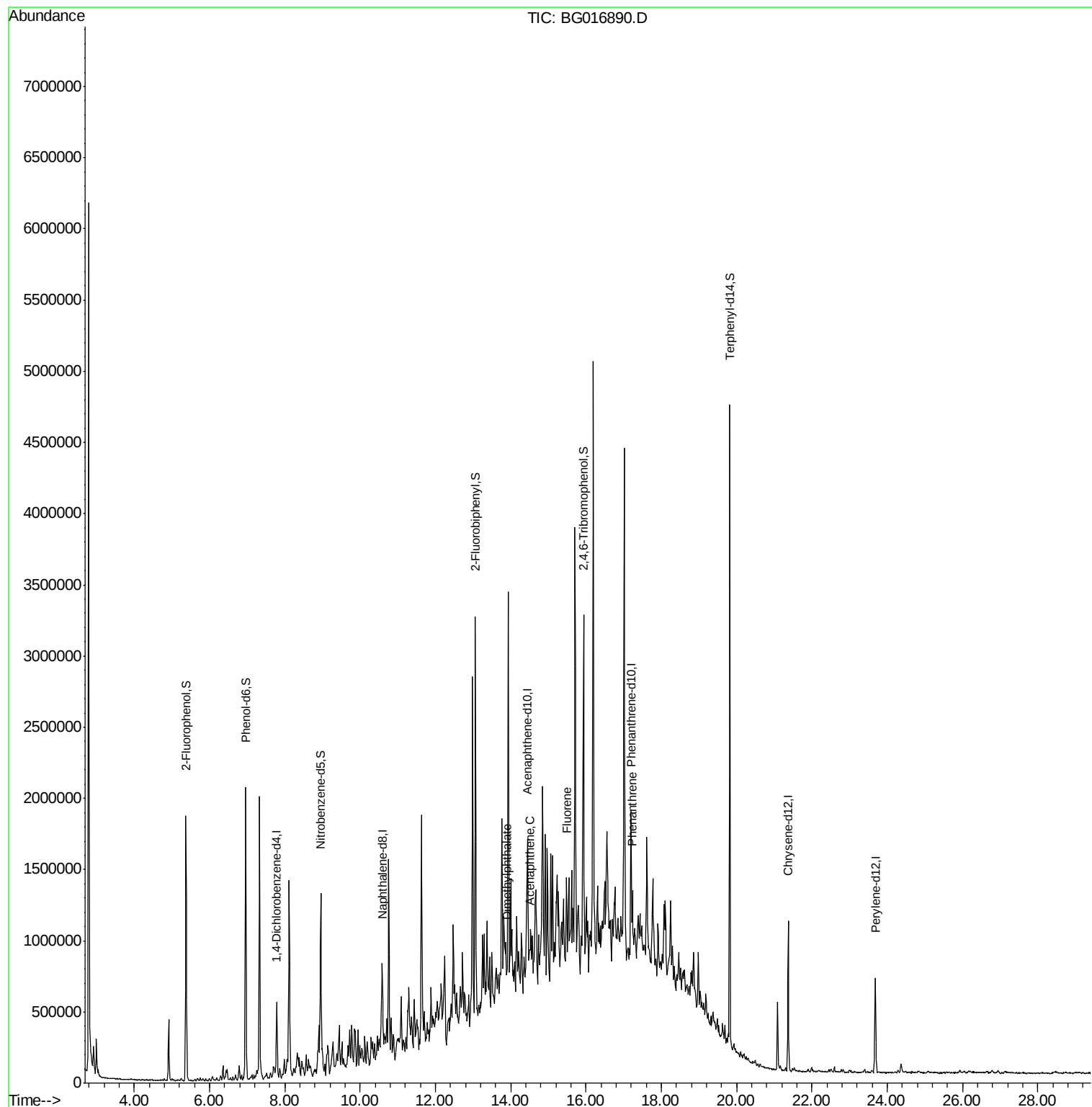
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	78089	20.00	ng	-0.01
21) Naphthalene-d8	10.59	136	348825	20.00	ng	0.00
38) Acenaphthene-d10	14.44	164	224110	20.00	ng	0.00
63) Phenanthrene-d10	17.19	188	479031	20.00	ng	0.00
75) Chrysene-d12	21.37	240	482129	20.00	ng	0.00
86) Perylene-d12	23.69	264	465723	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	700559	156.21	ng	0.00
7) Phenol-d6	6.96	99	944907	147.48	ng	0.00
23) Nitrobenzene-d5	8.96	82	639692	89.59	ng	0.00
41) 2,4,6-Tribromophenol	15.93	330	302418	134.42	ng	0.00
44) 2-Fluorobiphenyl	13.06	172	1210042	81.48	ng	0.00
78) Terphenyl-d14	19.82	244	1714592	83.37	ng	0.00
Target Compounds						
49) Dimethylphthalate	13.90	163	70474	4.21	ng	# 95
51) Acenaphthene	14.50	154	36656	2.78	ng	# 92
57) Fluorene	15.49	166	93859	5.67	ng	# 86
70) Phenanthrene	17.23	178	183019	7.42	ng	# 93

(#) = 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# 869

Delta R.T. -0.01 min

Lab File: BG016890.D

Acq: 6 May 2015 9:00

Instrument :

BNA_G

ClientSampleId :

TP-7-D6

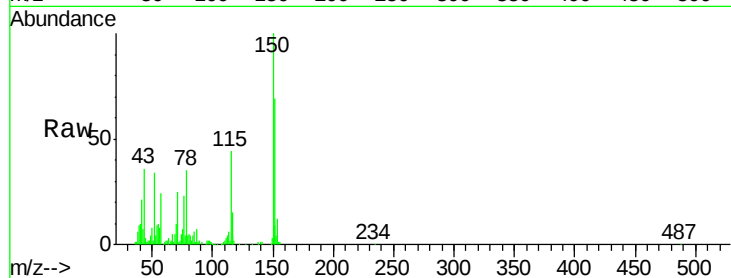
Tot Ion:152 Resp: 78089

Ion Ratio Lower Upper

152 100

150 145.4 121.0 181.4

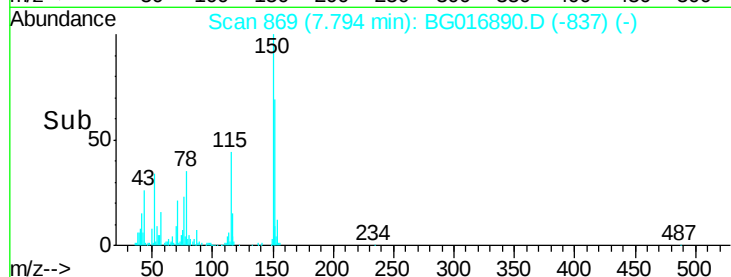
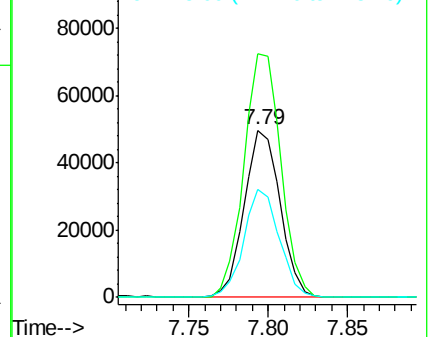
115 64.3 50.5 75.7



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: 156.21 ng

RT: 5.38 min Scan# 458

Delta R.T. -0.01 min

Lab File: BG016890.D

Acq: 6 May 2015 9:00

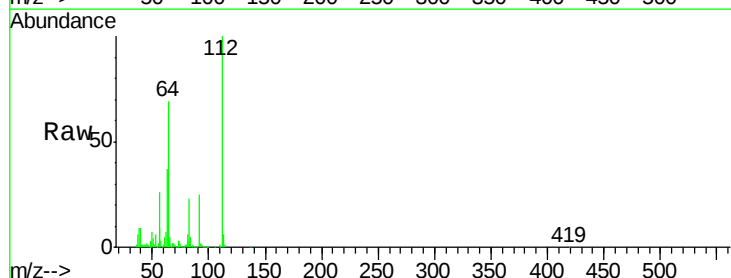
Tgt Ion:112 Resp: 700559

Ion Ratio Lower Upper

112 100

64 68.5 51.4 77.2

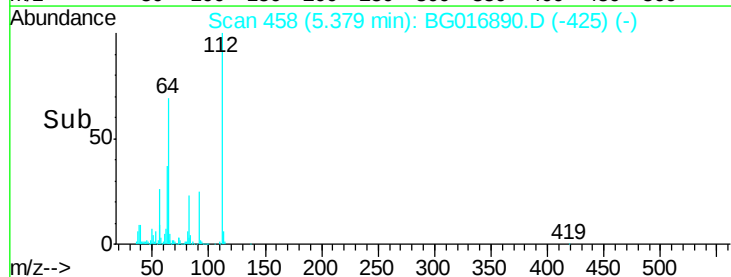
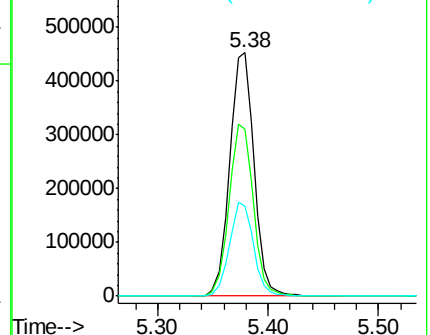
63 37.0 28.1 42.1

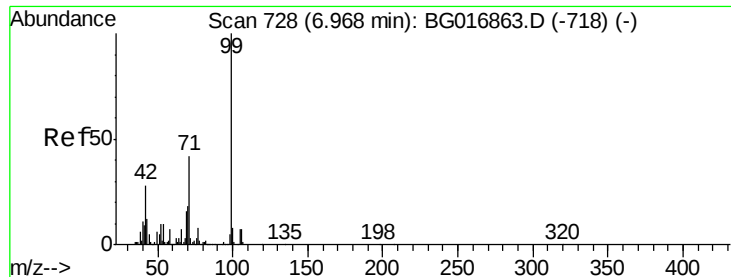


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 147.48 ng

RT: 6.96 min Scan# 727

Delta R.T. -0.01 min

Lab File: BG016890.D

Acq: 6 May 2015 9:00

Instrument :

BNA_G

ClientSampleId :

TP-7-D6

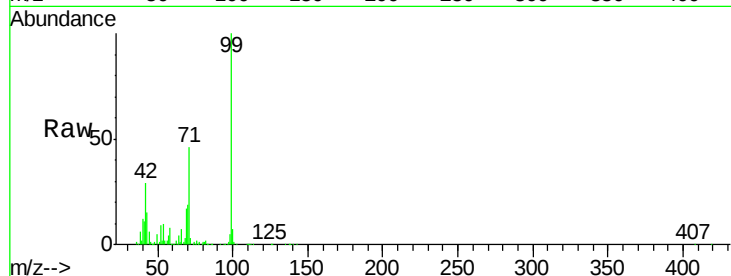
Tot Ion: 99 Resp: 944907

Ion Ratio Lower Upper

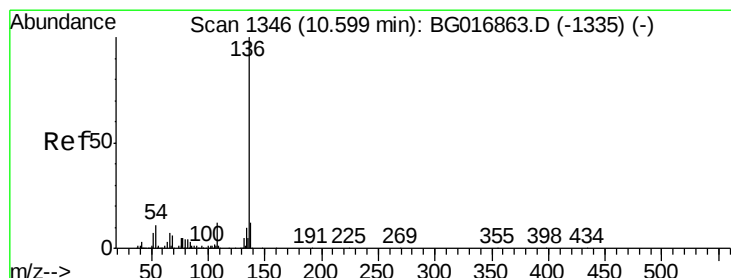
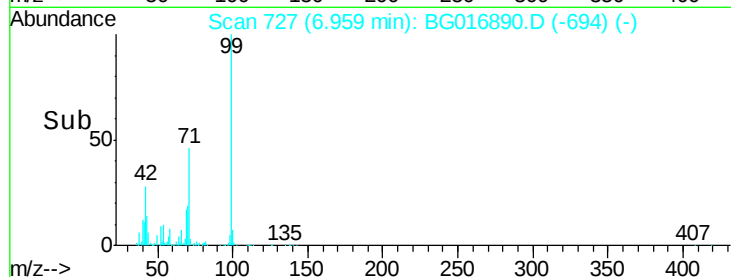
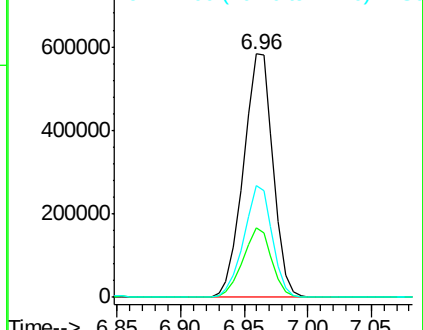
99 100

42 28.5 22.1 33.1

71 45.9 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: 10.59 min Scan# 1345

Delta R.T. -0.01 min

Lab File: BG016890.D

Acq: 6 May 2015 9:00

Tgt Ion: 136 Resp: 348825

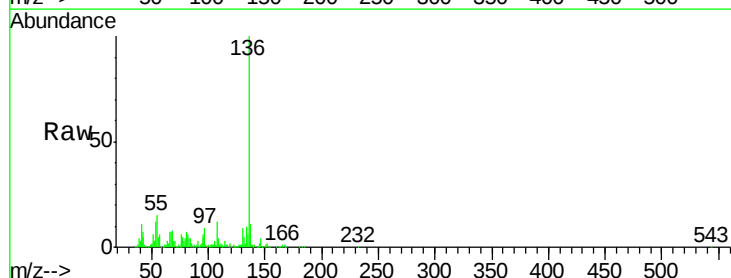
Ion Ratio Lower Upper

136 100

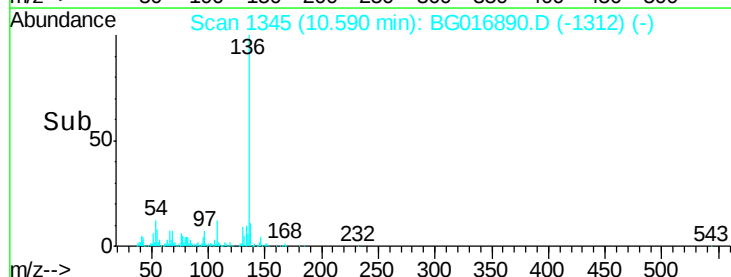
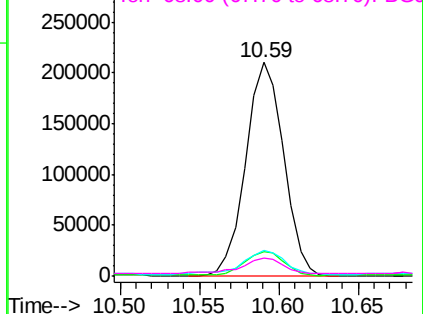
137 11.2 9.8 14.8

54 12.2 8.7 13.1

68 8.4 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

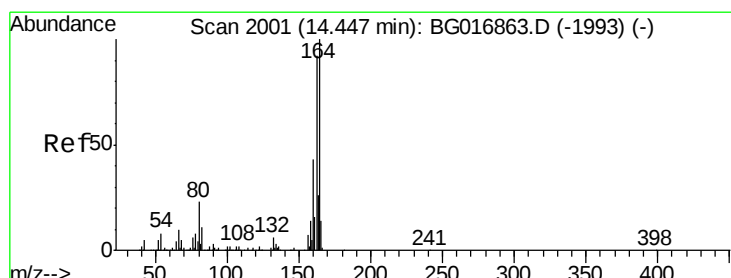
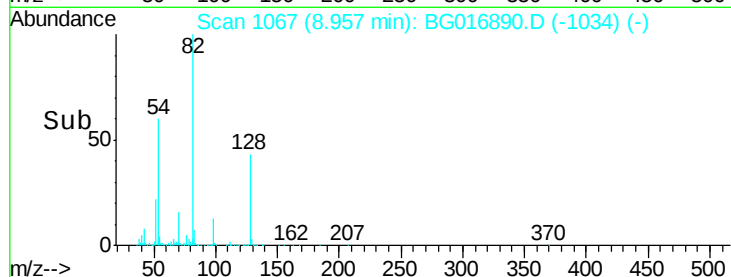
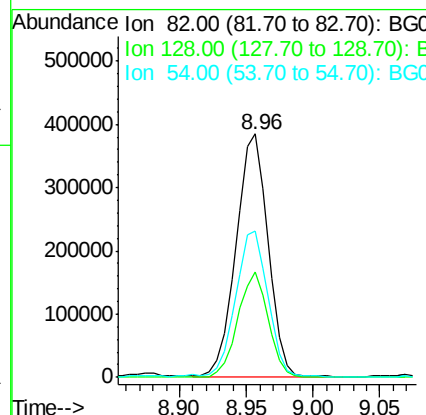
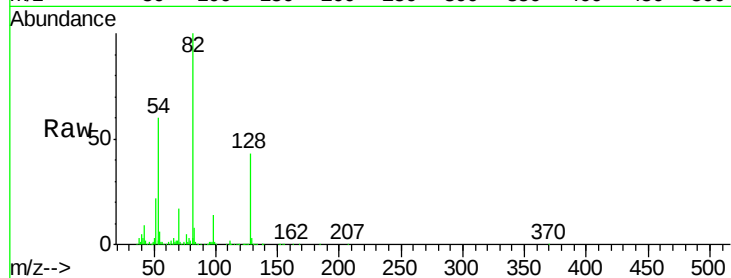




#23
 Nitrobenzene-d5
 Concen: 89.59 ng
 RT: 8.96 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: BG016890.D
 Acq: 6 May 2015 9:00

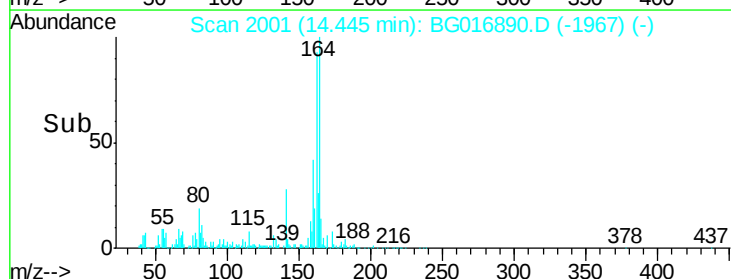
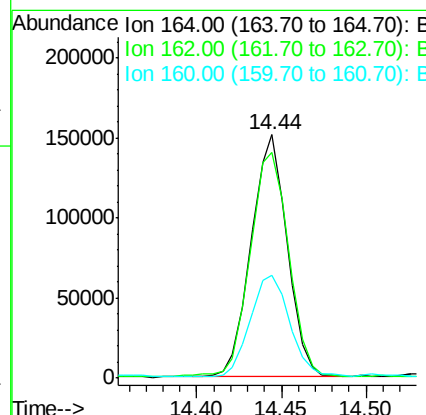
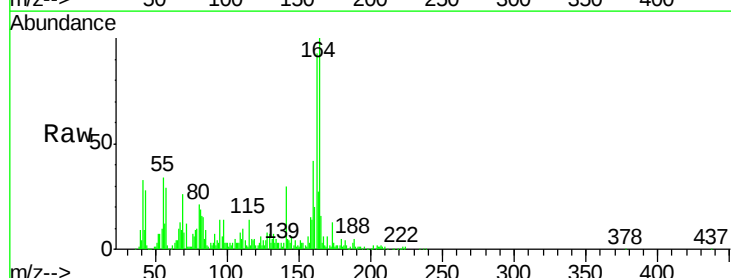
Instrument :
 BNA_G
 ClientSampleId :
 TP-7-D6

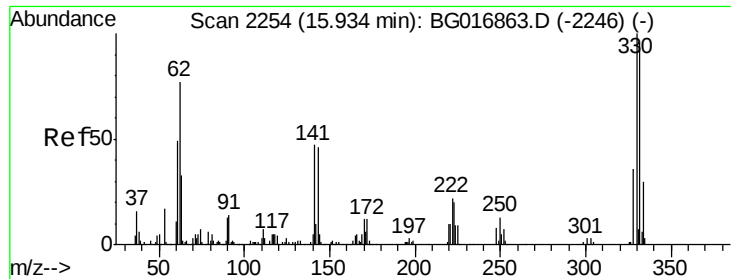
Tot Ion	82	Resp	639692
Ion Ratio	Lower	Upper	
82	100		
128	43.3	33.2	49.8
54	60.1	48.6	72.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.44 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: BG016890.D
 Acq: 6 May 2015 9:00

Tgt Ion	164	Resp	224110
Ion Ratio	Lower	Upper	
164	100		
162	92.8	74.0	111.0
160	42.0	34.7	52.1

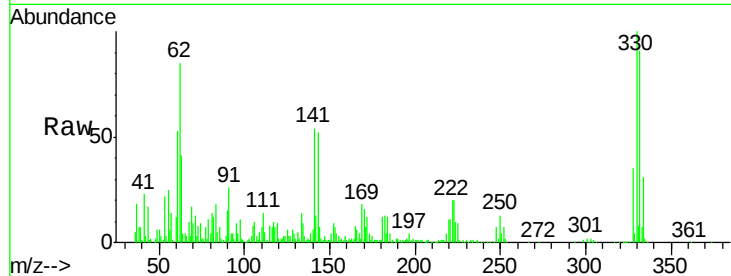




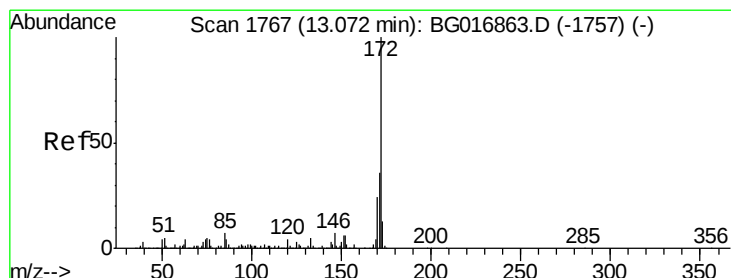
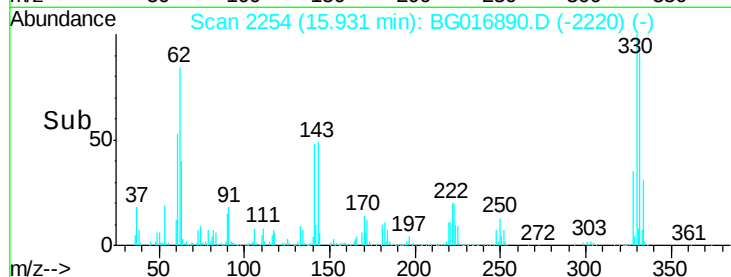
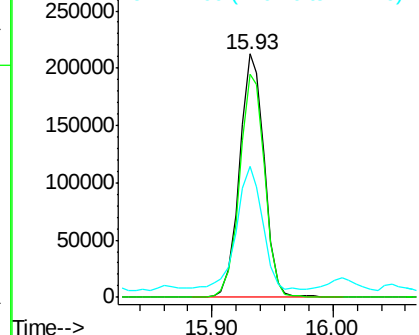
#41
 2,4,6-Tribromophenol
 Concen: 134.42 ng
 RT: 15.93 min Scan# 2254
 Delta R.T. -0.00 min
 Lab File: BG016890.D
 Acq: 6 May 2015 9:00

Instrument :
 BNA_G
 ClientSampleId :
 TP-7-D6

Tot Ion:330 Resp: 302418
 Ion Ratio Lower Upper
 330 100
 332 93.1 0.0 0.0#
 141 53.5 0.0 0.0#

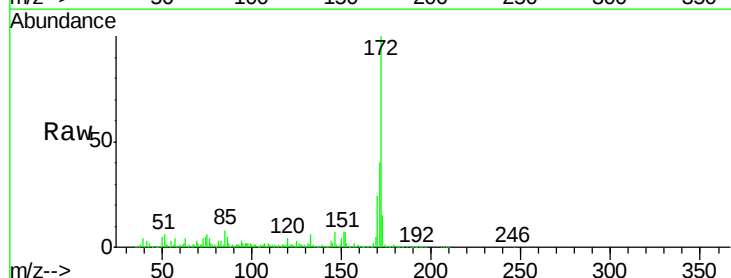


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

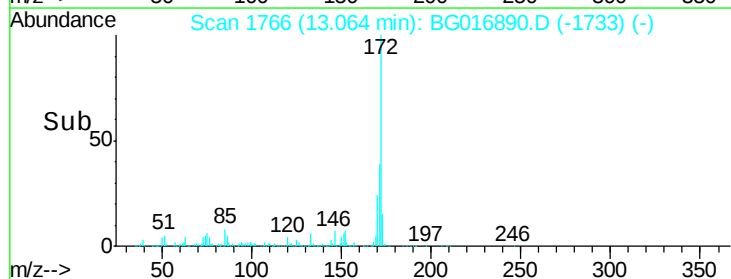
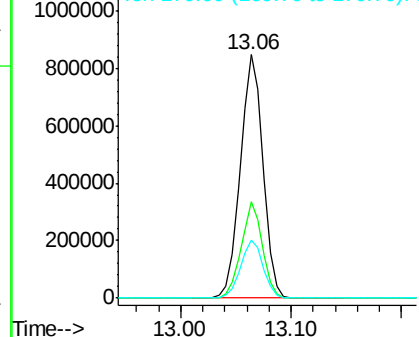


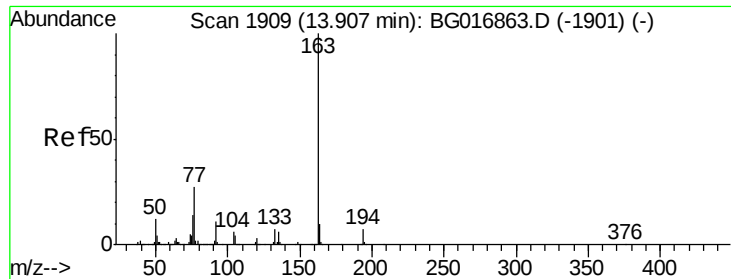
#44
 2-Fluorobiphenyl
 Concen: 81.48 ng
 RT: 13.06 min Scan# 1766
 Delta R.T. -0.01 min
 Lab File: BG016890.D
 Acq: 6 May 2015 9:00

Tgt Ion:172 Resp: 1210042
 Ion Ratio Lower Upper
 172 100
 171 39.5 29.0 43.4
 170 23.9 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: 4.21 ng

RT: 13.90 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BG016890.D

Acq: 6 May 2015 9:00

Instrument :

BNA_G

ClientSampleId :

TP-7-D6

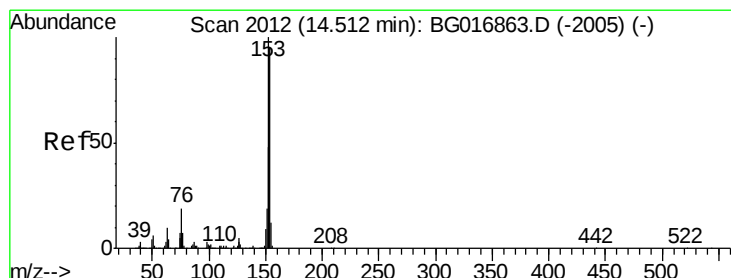
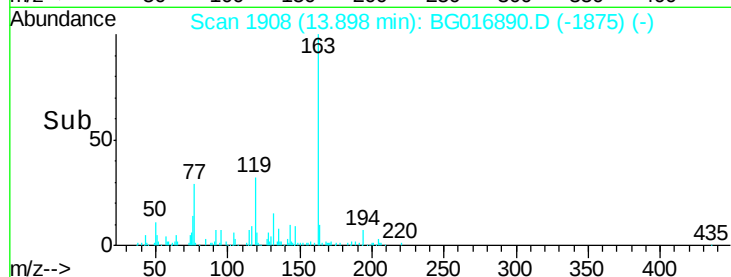
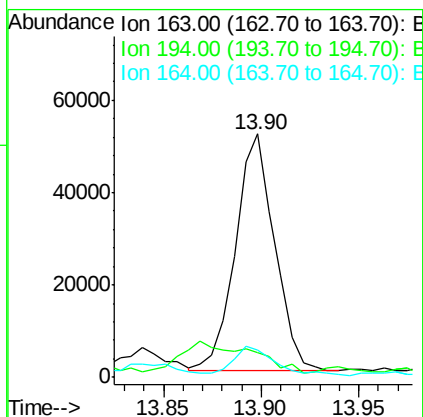
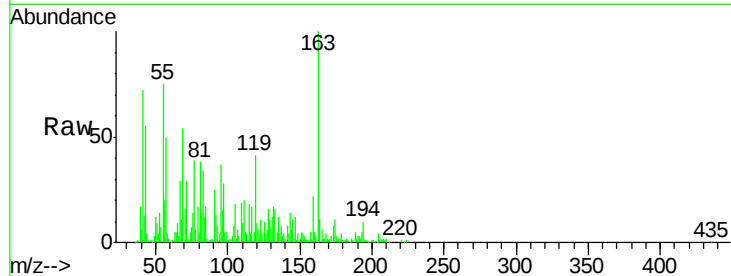
Tot Ion:163 Resp: 70474

Ion Ratio Lower Upper

163 100

194 10.3 5.2 7.8#

164 11.0 8.4 12.6



#51

Acenaphthene

Concen: 2.78 ng

RT: 14.50 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BG016890.D

Acq: 6 May 2015 9:00

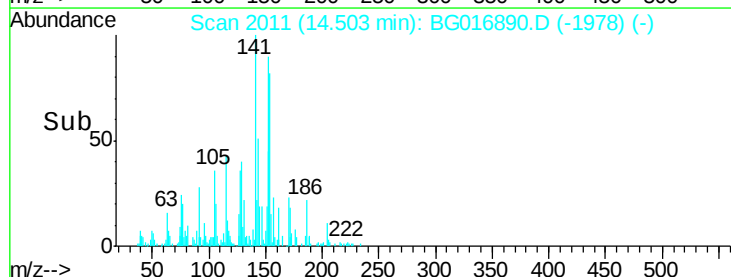
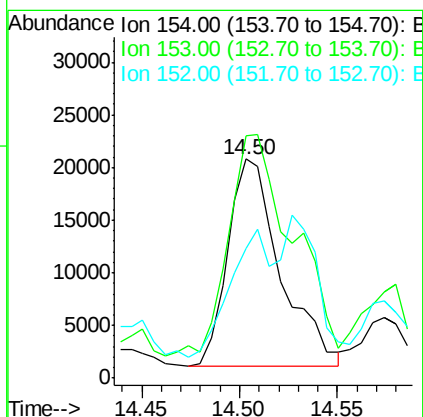
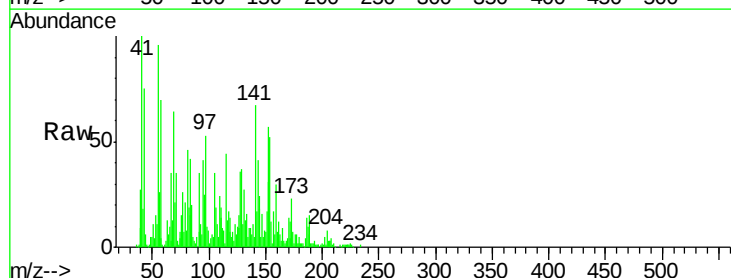
Tgt Ion:154 Resp: 36656

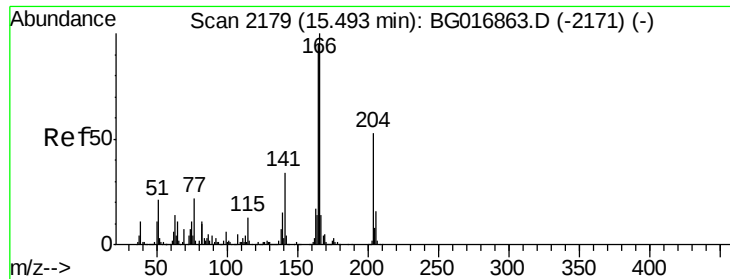
Ion Ratio Lower Upper

154 100

153 110.4 84.2 126.4

152 59.2 40.2 60.2

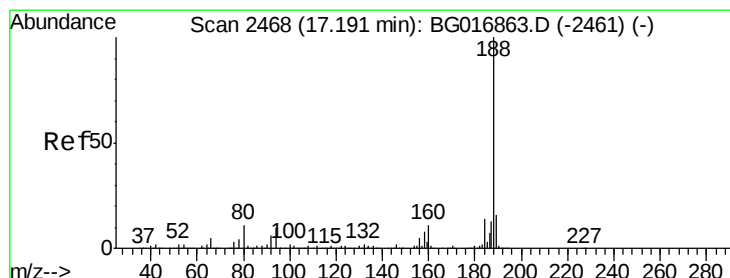
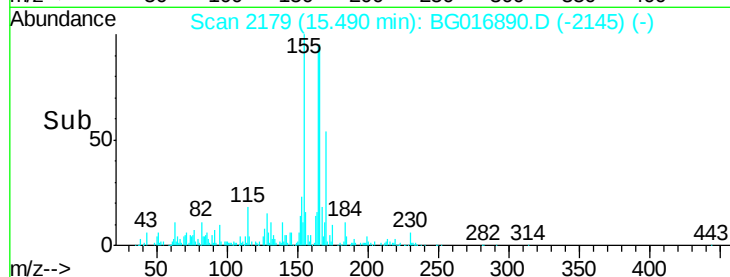
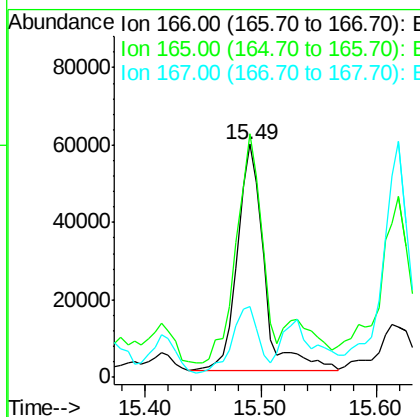
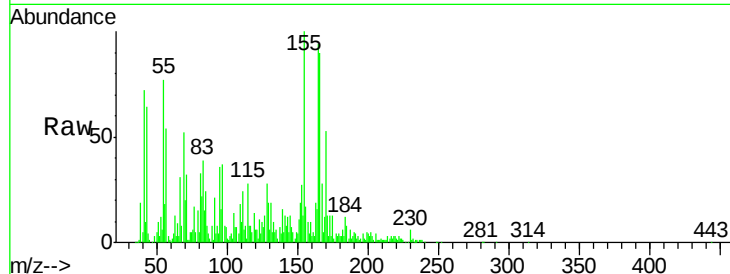




#57
Fluorene
 Concen: 5.67 ng
 RT: 15.49 min Scan# 2179
 Delta R.T. -0.00 min
 Lab File: BG016890.D
 Acq: 6 May 2015 9:00

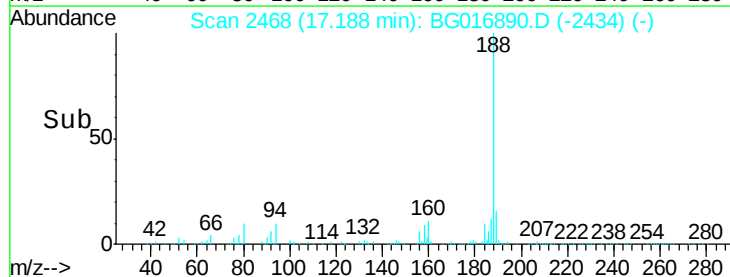
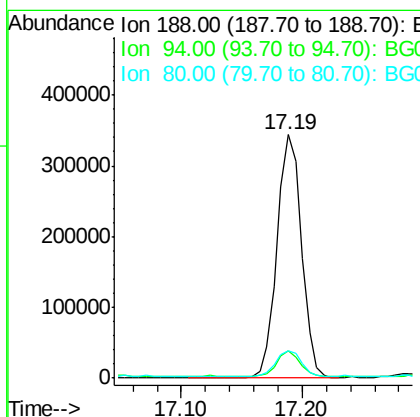
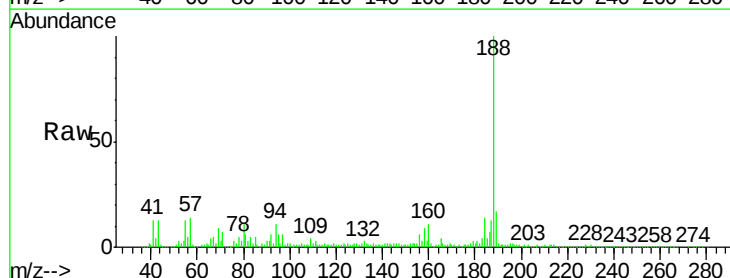
Instrument :
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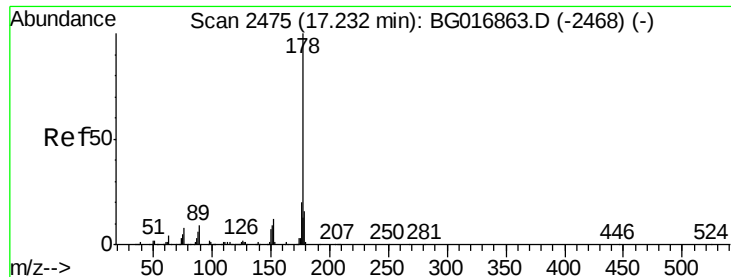
Tot Ion:166 Resp: 93859
 Ion Ratio Lower Upper
 166 100
 165 104.5 76.1 114.1
 167 30.7 11.4 17.2#



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.19 min Scan# 2468
 Delta R.T. -0.00 min
 Lab File: BG016890.D
 Acq: 6 May 2015 9:00

Tgt Ion:188 Resp: 479031
 Ion Ratio Lower Upper
 188 100
 94 11.1 8.2 12.4
 80 11.2 8.8 13.2





#70

Phenanthrene

Concen: 7.42 ng

RT: 17.23 min Scan# 2475

Delta R.T. -0.00 min

Lab File: BG016890.D

Acq: 6 May 2015 9:00

Instrument :

BNA_G

ClientSampleId :

TP-7-D6

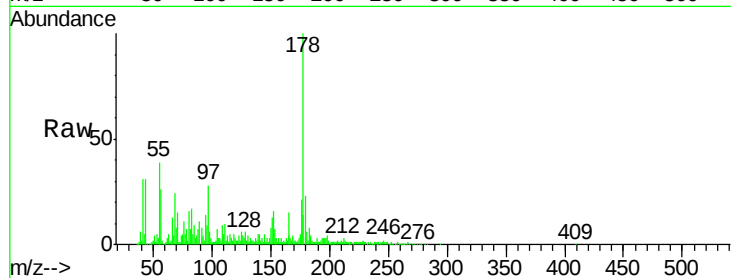
Tot Ion:178 Resp: 183019

Ion Ratio Lower Upper

178 100

176 20.7 16.0 24.0

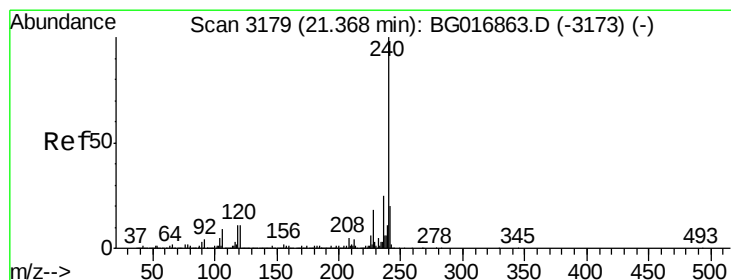
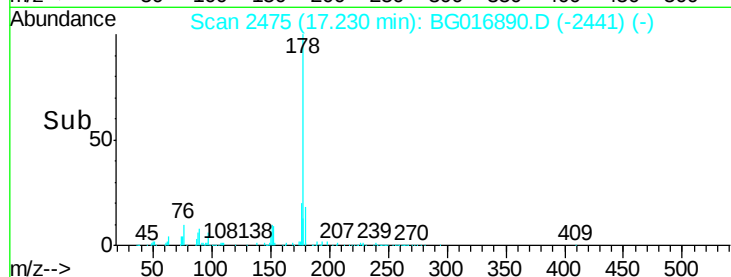
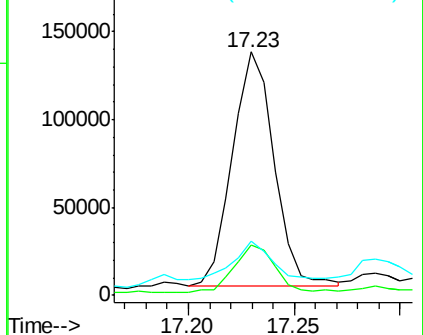
179 22.5 13.0 19.6#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.37 min Scan# 3180

Delta R.T. 0.00 min

Lab File: BG016890.D

Acq: 6 May 2015 9:00

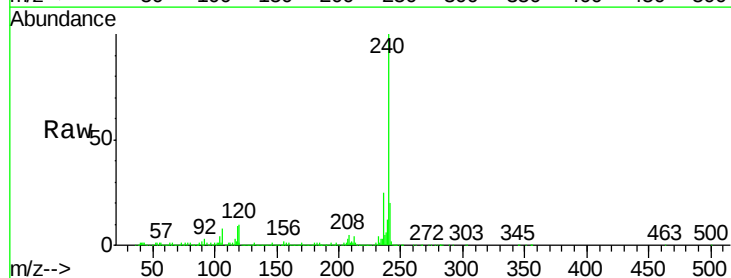
Tgt Ion:240 Resp: 482129

Ion Ratio Lower Upper

240 100

120 9.5 9.1 13.7

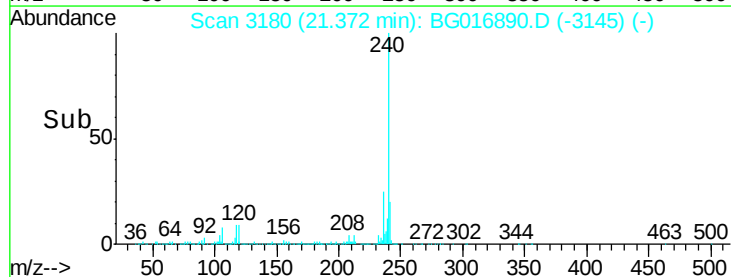
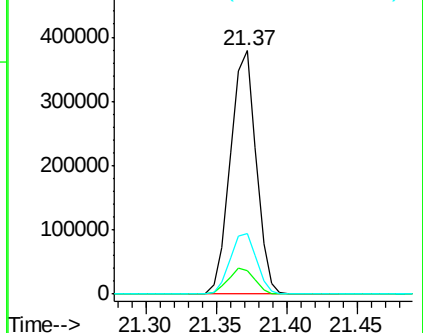
236 24.7 20.2 30.4

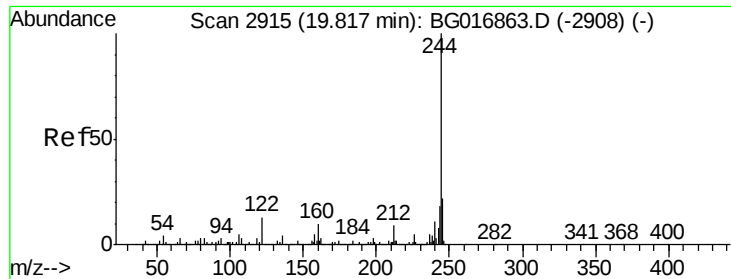


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 83.37 ng

RT: 19.82 min Scan# 2916

Delta R.T. 0.00 min

Lab File: BG016890.D

Acq: 6 May 2015 9:00

Instrument :

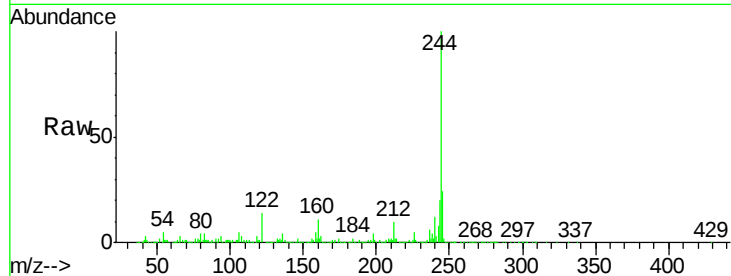
BNA_G

ClientSampleId :

TP-7-D6

Tot Ion:244 Resp: 1714592

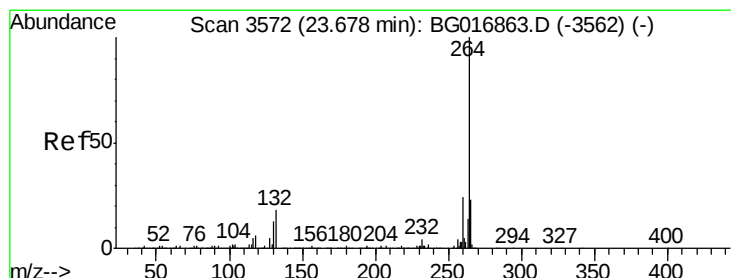
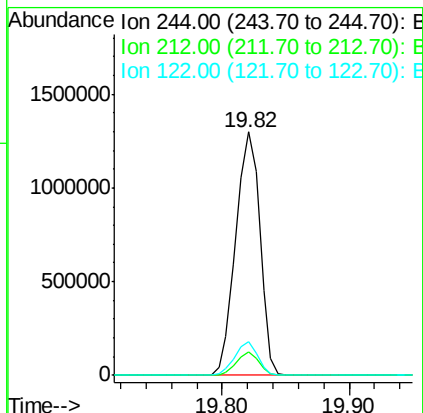
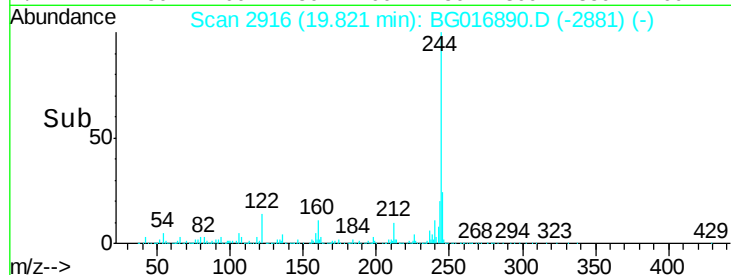
Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.0	10.6
122	13.7	10.4	15.6



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: 23.69 min Scan# 3574

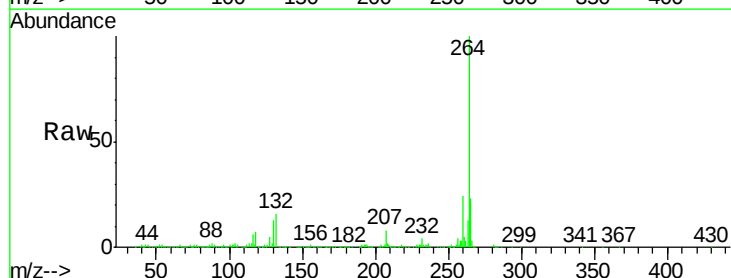
Delta R.T. 0.01 min

Lab File: BG016890.D

Acq: 6 May 2015 9:00

Tgt Ion:264 Resp: 465723

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	23.1	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

