

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050115\
 Data File : BG016854.D
 Acq On : 1 May 2015 20:32
 Operator : TP/IZ
 Sample : G2032-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B1GW

Quant Time: May 02 00:05:50 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 01 23:47:41 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	47994	20.00	ng	0.00
21) Naphthalene-d8	10.03	136	198280	20.00	ng	0.00
38) Acenaphthene-d10	13.94	164	114492	20.00	ng	0.00
63) Phenanthrene-d10	16.69	188	236866	20.00	ng	0.00
75) Chrysene-d12	20.91	240	215697	20.00	ng	0.00
86) Perylene-d12	22.98	264	198732	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.87	112	163827	62.88	ng	0.00
7) Phenol-d6	6.48	99	129073	35.29	ng	0.00
23) Nitrobenzene-d5	8.42	82	296604	97.45	ng	0.00
41) 2,4,6-Tribromophenol	15.45	330	136206	159.73	ng	0.00
44) 2-Fluorobiphenyl	12.55	172	675913	91.40	ng	0.00
78) Terphenyl-d14	19.36	244	807903	90.34	ng	0.00

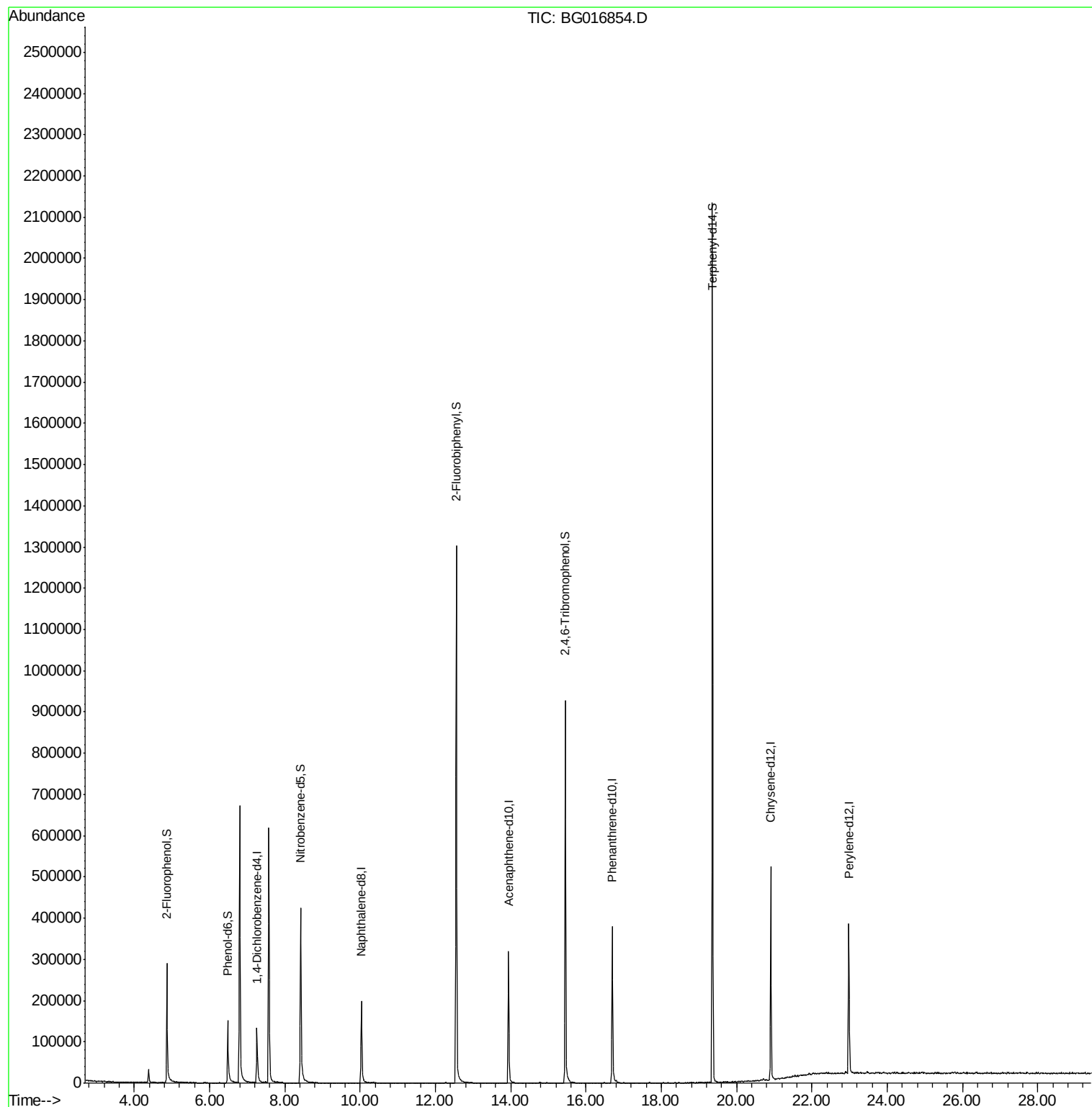
Target Compounds Qvalue

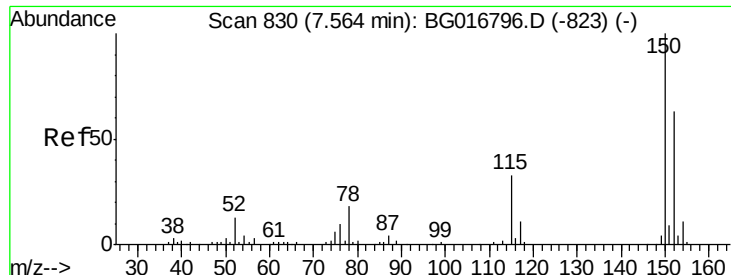
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.26 min Scan# 778

Delta R.T. 0.00 min

Lab File: BG016854.D

Acq: 1 May 2015 20:32

Instrument :

BNA_G

ClientSampleId :

B1GW

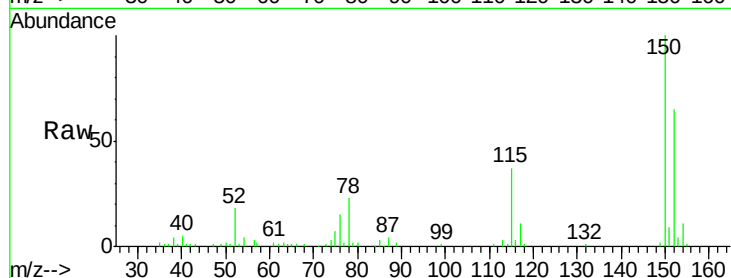
Tot Ion:152 Resp: 47994

Ion Ratio Lower Upper

152 100

150 153.1 126.2 189.4

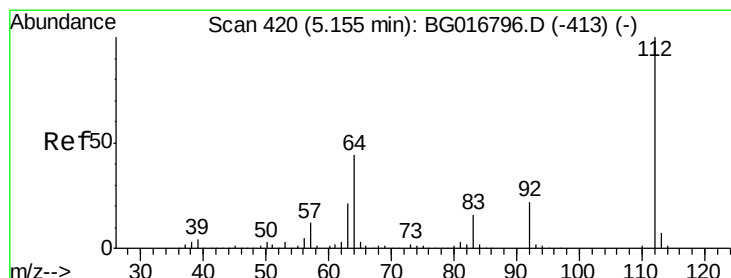
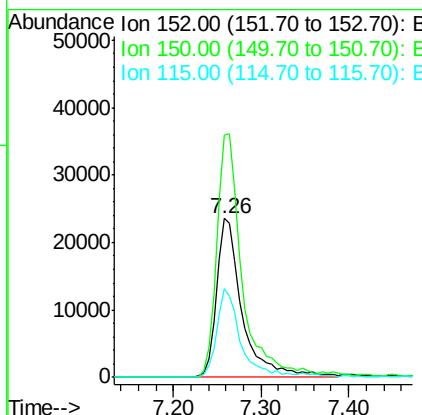
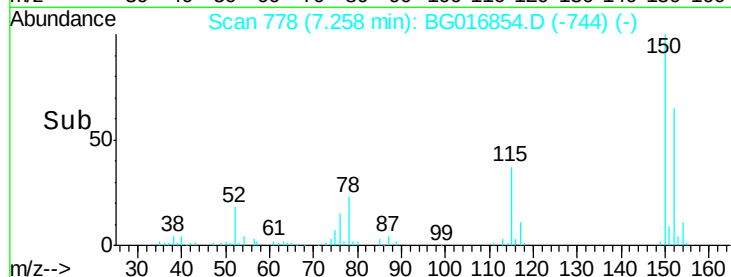
115 56.1 41.1 61.7



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: 62.88 ng

RT: 4.87 min Scan# 371

Delta R.T. 0.01 min

Lab File: BG016854.D

Acq: 1 May 2015 20:32

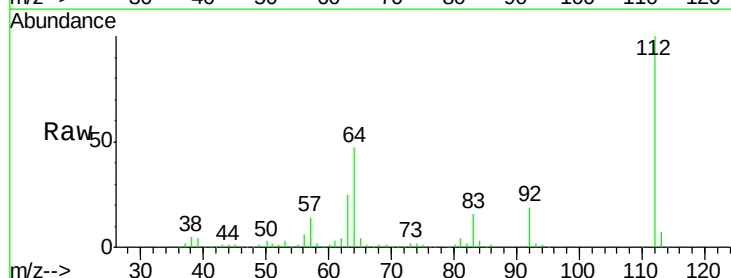
Tgt Ion:112 Resp: 163827

Ion Ratio Lower Upper

112 100

64 47.3 35.5 53.3

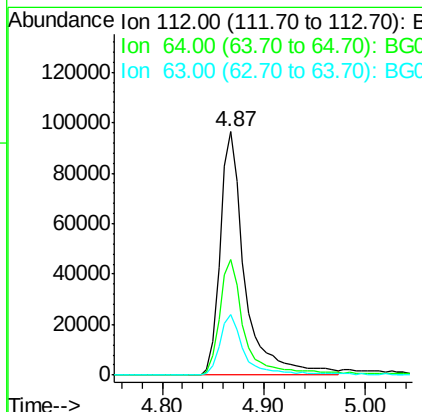
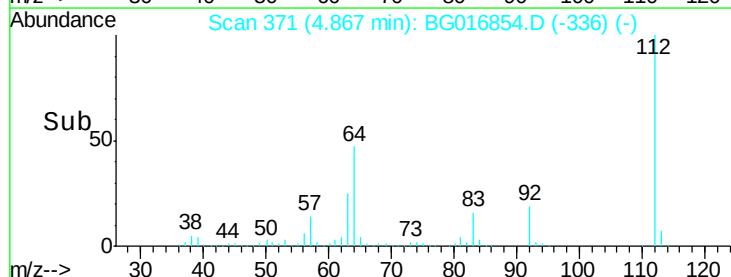
63 25.0 17.2 25.8

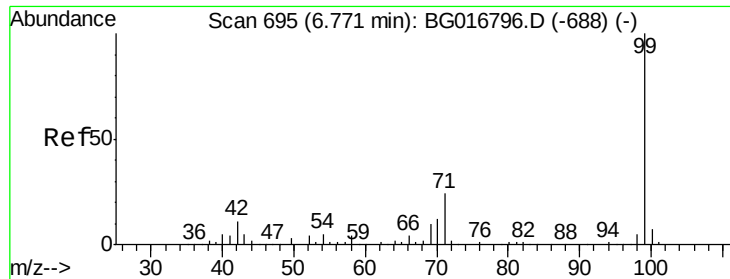


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 35.29 ng

RT: 6.48 min Scan# 646

Delta R.T. 0.01 min

Lab File: BG016854.D

Acq: 1 May 2015 20:32

Instrument :

BNA_G

ClientSampleId :

B1GW

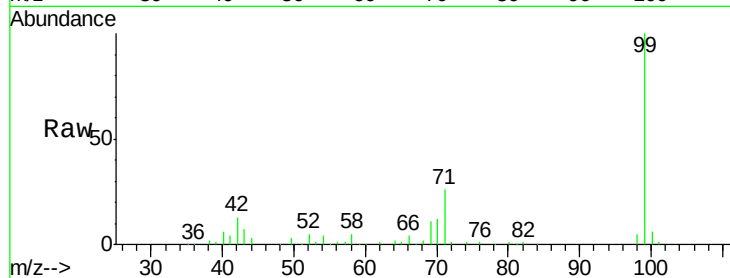
Tot Ion: 99 Resp: 129073

Ion Ratio Lower Upper

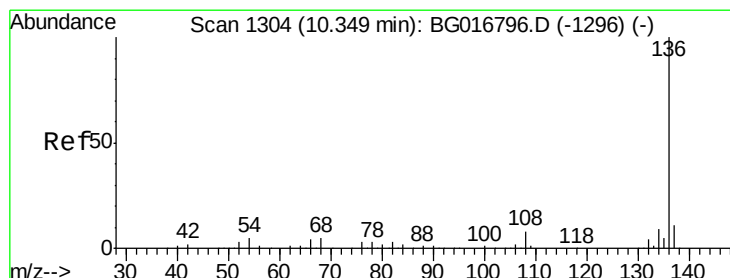
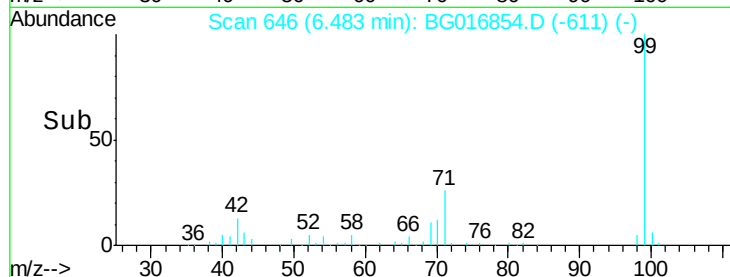
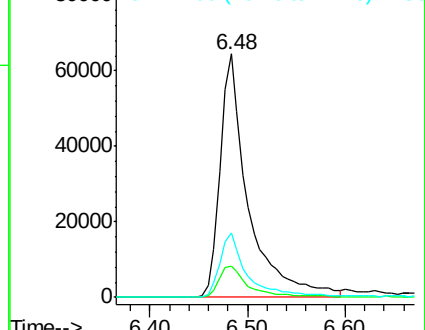
99 100

42 13.0 8.9 13.3

71 26.3 19.0 28.6



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: 10.03 min Scan# 1250

Delta R.T. 0.00 min

Lab File: BG016854.D

Acq: 1 May 2015 20:32

Tgt Ion: 136 Resp: 198280

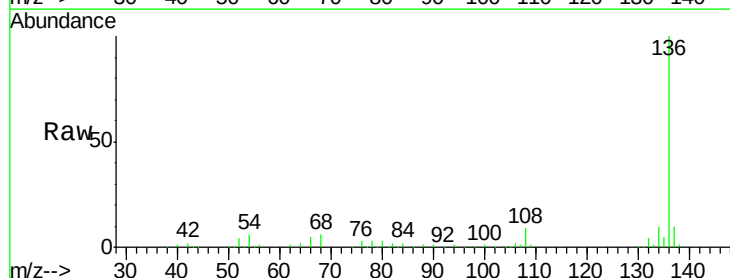
Ion Ratio Lower Upper

136 100

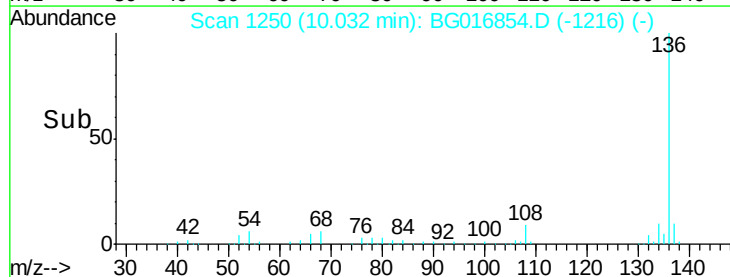
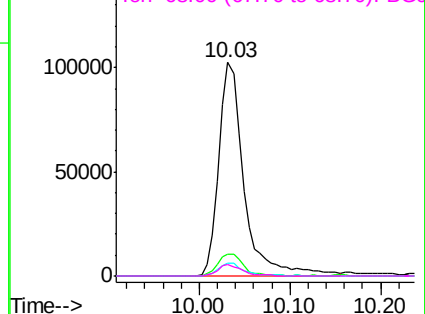
137 10.5 8.6 12.8

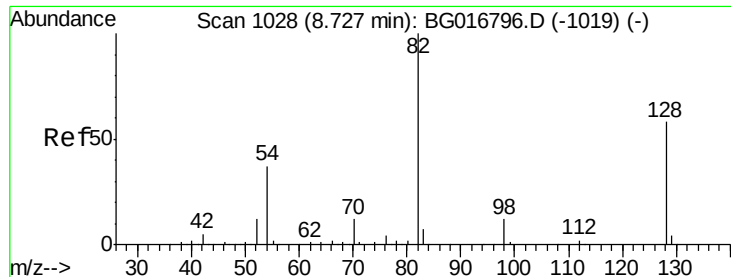
54 6.1 4.3 6.5

68 5.6 4.3 6.5



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

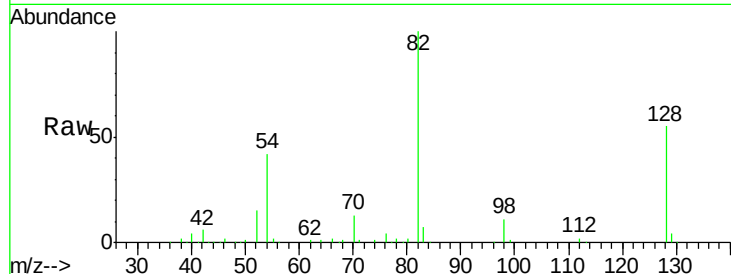




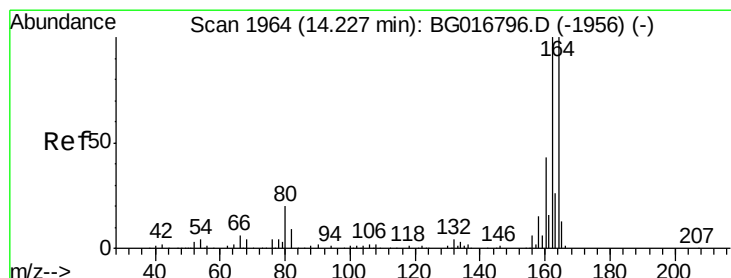
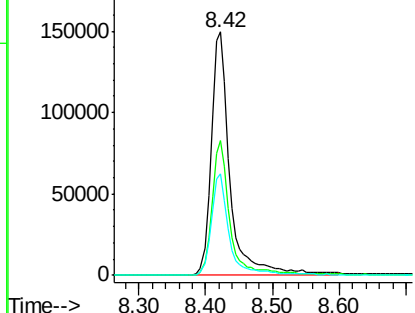
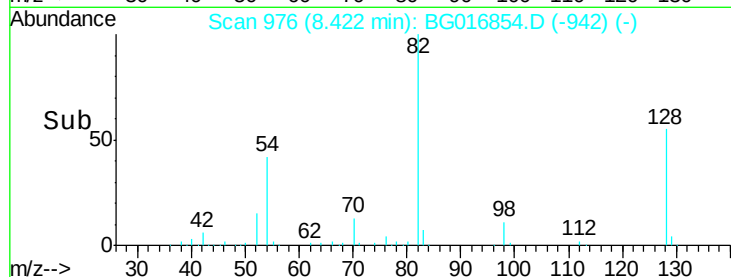
#23
 Nitrobenzene-d5
 Concen: 97.45 ng
 RT: 8.42 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: BG016854.D
 Acq: 1 May 2015 20:32

Instrument :
 BNA_G
 ClientSampled :
 B1GW

Tot Ion	82	Resp	296604
Ion Ratio	Lower	Upper	
82	100		
128	55.3	46.3	69.5
54	41.7	30.0	45.0

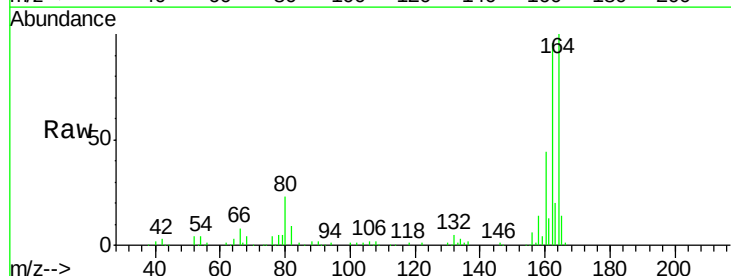


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

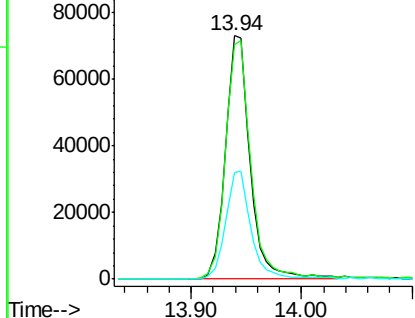
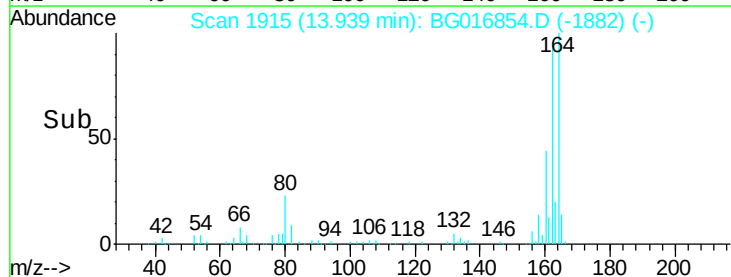


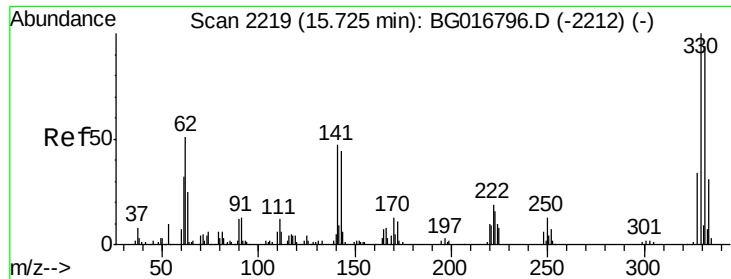
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 13.94 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: BG016854.D
 Acq: 1 May 2015 20:32

Tgt Ion	164	Resp	114492
Ion Ratio	Lower	Upper	
164	100		
162	96.5	80.2	120.4
160	43.6	34.8	52.2



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

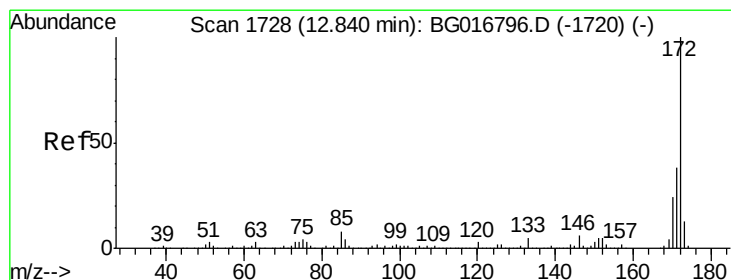
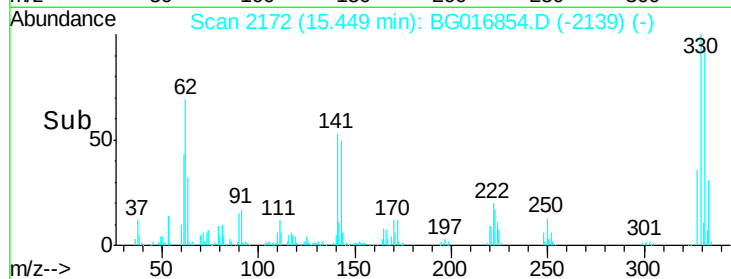
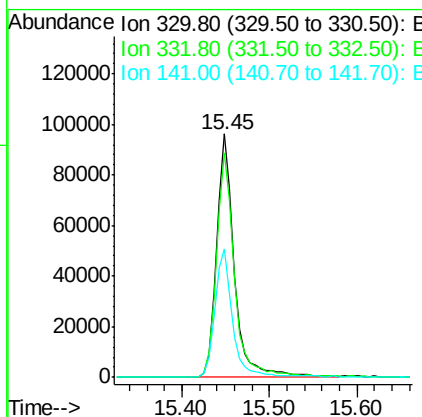
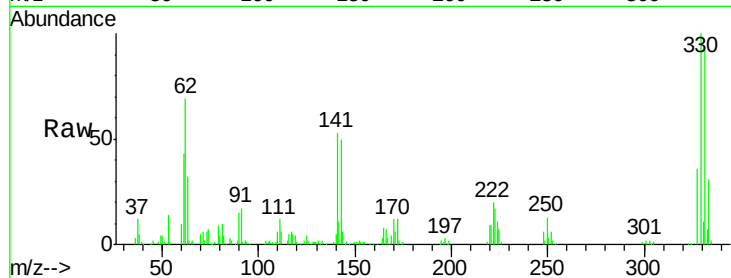




#41
 2,4,6-Tribromophenol
 Concen: 159.73 ng
 RT: 15.45 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: BG016854.D
 Acq: 1 May 2015 20:32

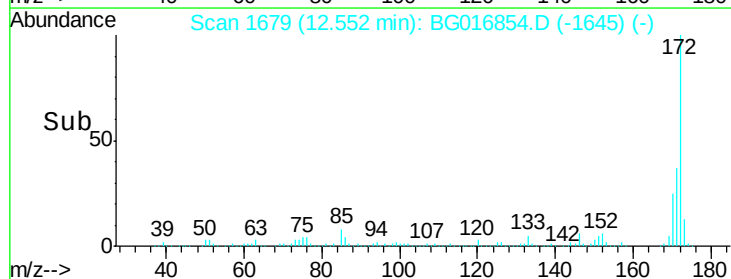
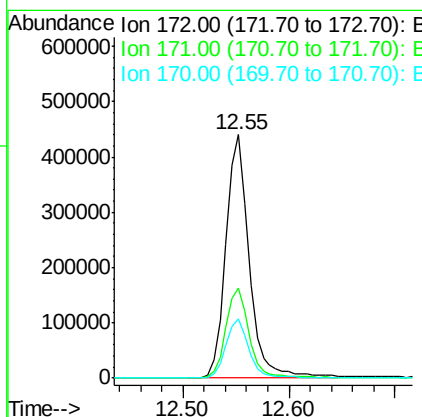
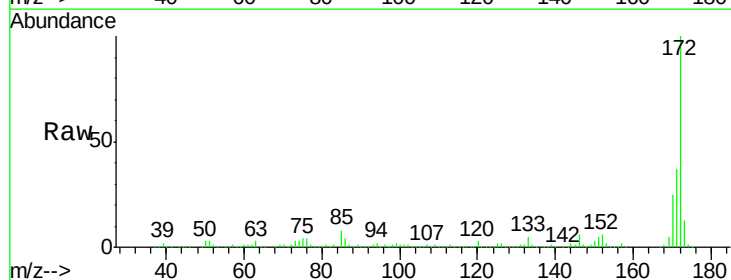
Instrument :
 BNA_G
 ClientSampleId :
 B1GW

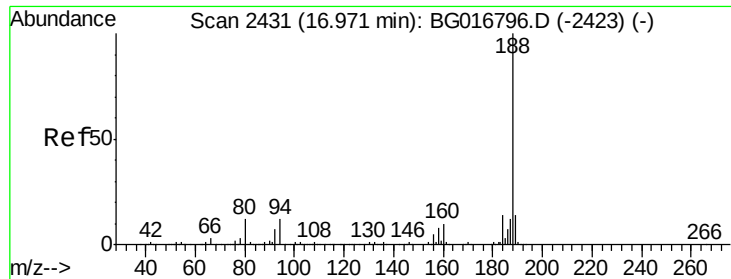
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	75.3	112.9
141	52.2	40.7	61.1



#44
 2-Fluorobiphenyl
 Concen: 91.40 ng
 RT: 12.55 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: BG016854.D
 Acq: 1 May 2015 20:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.2	45.4
170	24.5	19.4	29.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.69 min Scan# 2384

Delta R.T. -0.00 min

Lab File: BG016854.D

Acq: 1 May 2015 20:32

Instrument :

BNA_G

ClientSampleId :

B1GW

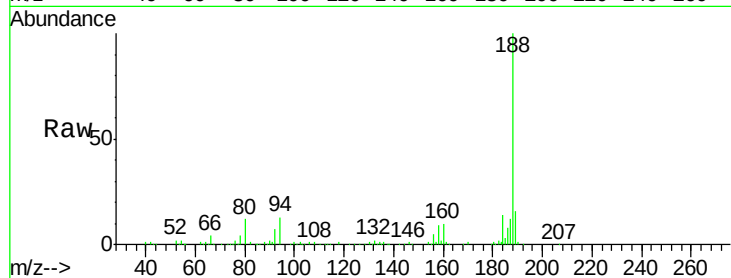
Tot Ion:188 Resp: 236866

Ion Ratio Lower Upper

188 100

94 12.7 9.5 14.3

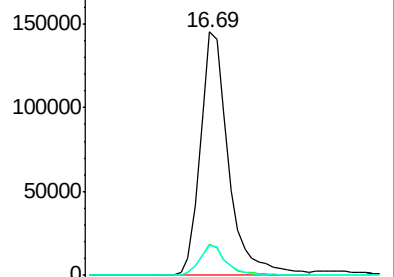
80 12.2 9.2 13.8



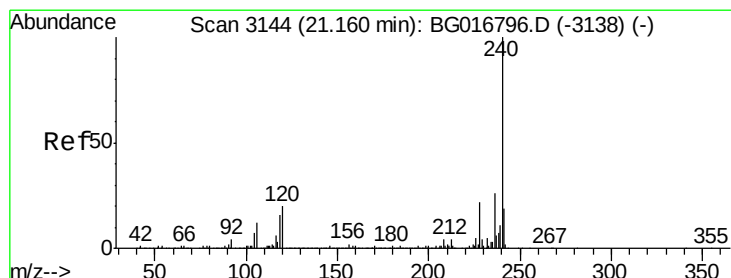
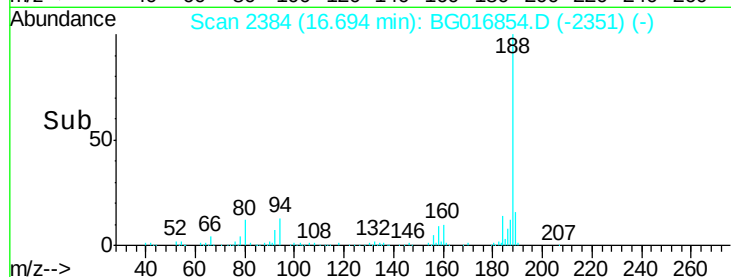
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 20.91 min Scan# 3101

Delta R.T. -0.01 min

Lab File: BG016854.D

Acq: 1 May 2015 20:32

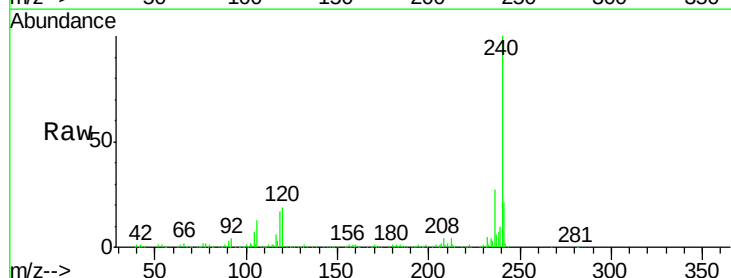
Tgt Ion:240 Resp: 215697

Ion Ratio Lower Upper

240 100

120 18.9 16.1 24.1

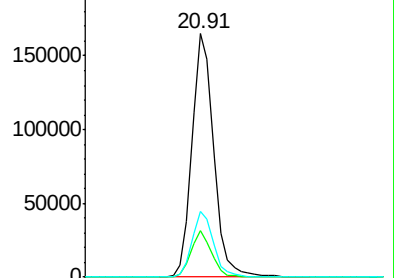
236 26.9 21.0 31.6



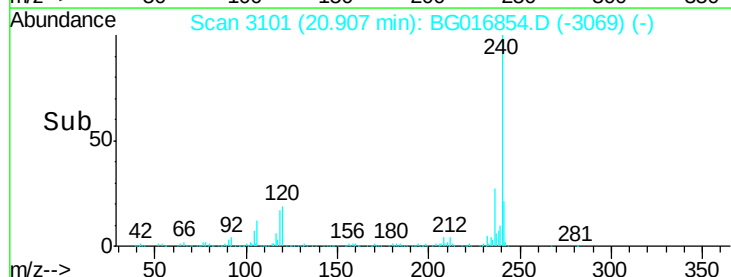
Abundance Ion 240.00 (239.70 to 240.70): E

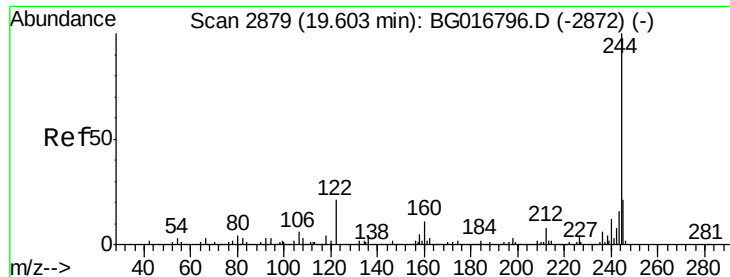
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#78

Terphenyl-d14

Concen: 90.34 ng

RT: 19.36 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BG016854.D

Acq: 1 May 2015 20:32

Instrument :

BNA_G

ClientSampleId :

B1GW

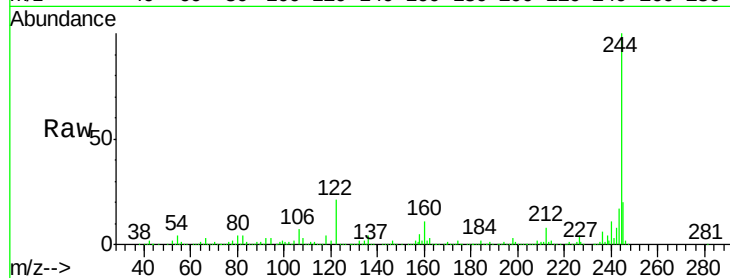
Tot Ion:244 Resp: 807903

Ion Ratio Lower Upper

244 100

212 7.9 6.4 9.6

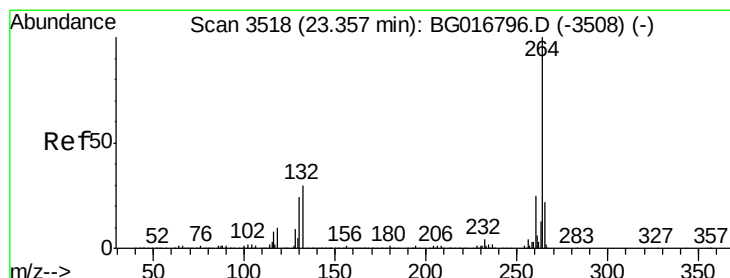
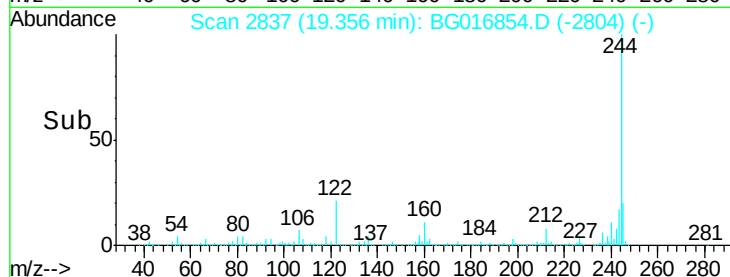
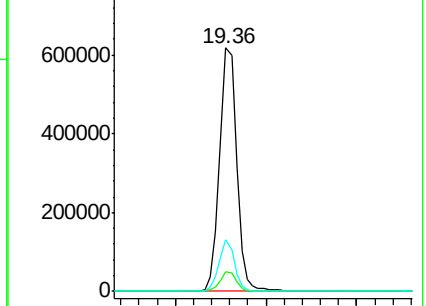
122 21.0 16.4 24.6



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: 22.98 min Scan# 3454

Delta R.T. -0.01 min

Lab File: BG016854.D

Acq: 1 May 2015 20:32

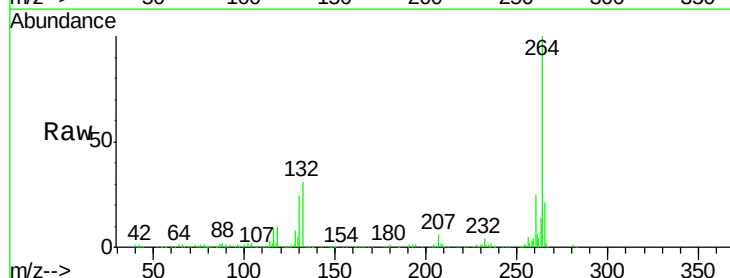
Tgt Ion:264 Resp: 198732

Ion Ratio Lower Upper

264 100

260 24.7 19.7 29.5

265 21.2 17.4 26.2



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

