

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042815\
 Data File : BG016784.D
 Acq On : 29 Apr 2015 5:02
 Operator : TP/IZ
 Sample : G2004-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-24

Quant Time: Apr 29 16:56:53 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 29 00:55:31 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	78942	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	352303	20.00	ng	0.00
38) Acenaphthene-d10	14.22	164	196821	20.00	ng	0.00
63) Phenanthrene-d10	16.97	188	346920	20.00	ng	0.00
75) Chrysene-d12	21.16	240	296490	20.00	ng	0.00
86) Perylene-d12	23.35	264	278896	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	219801	45.18	ng	0.00
7) Phenol-d6	6.79	99	190022	27.84	ng	0.02
23) Nitrobenzene-d5	8.73	82	387444	69.49	ng	0.00
41) 2,4,6-Tribromophenol	15.73	330	142084	97.31	ng	0.00
44) 2-Fluorobiphenyl	12.84	172	914512	74.65	ng	0.00
78) Terphenyl-d14	19.60	244	758613	58.94	ng	0.00

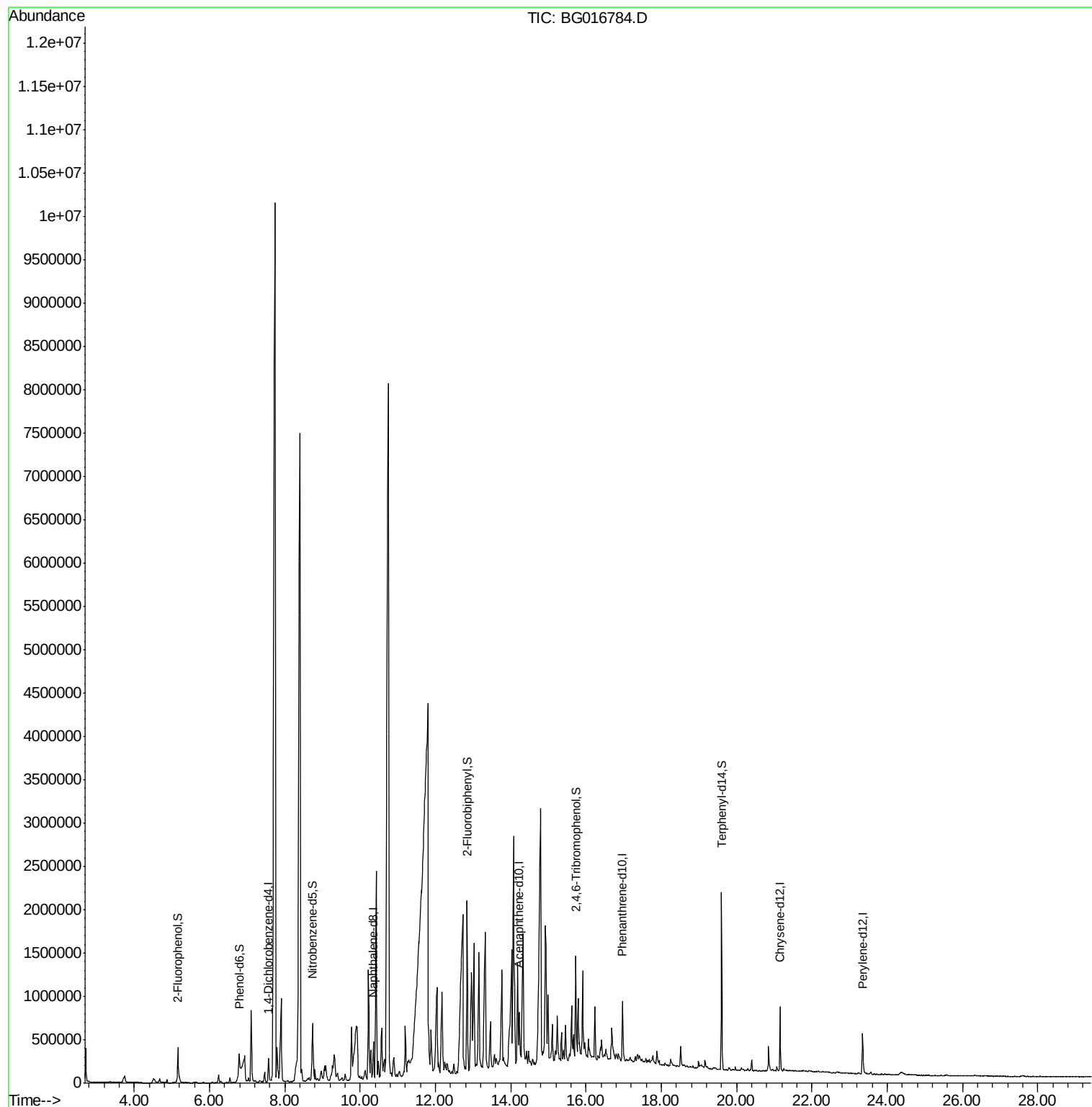
Target Compounds Qvalue

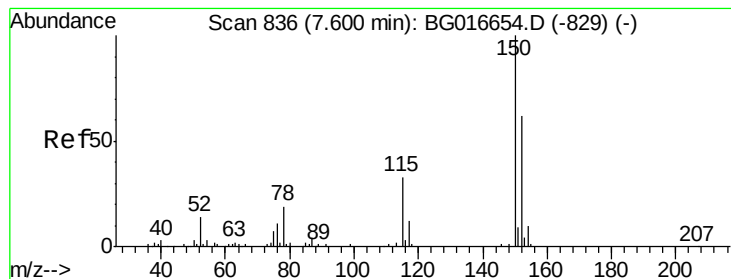
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.57 min Scan# 830

Delta R.T. -0.00 min

Lab File: BG016784.D

Acq: 29 Apr 2015 5:02

Instrument :

BNA_G

ClientSampled :

MW-24

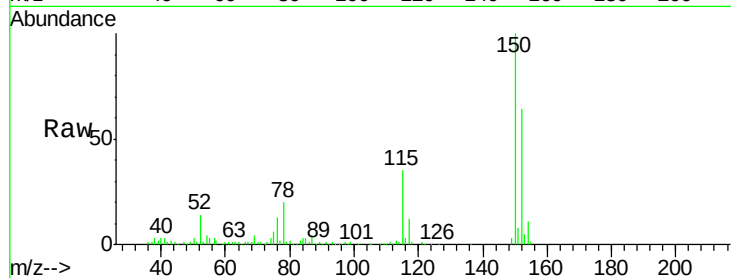
Tot Ion:152 Resp: 78942

Ion Ratio Lower Upper

152 100

150 155.6 129.6 194.4

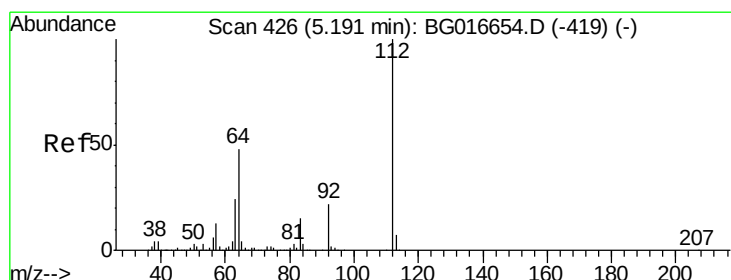
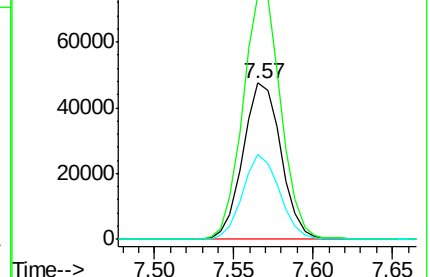
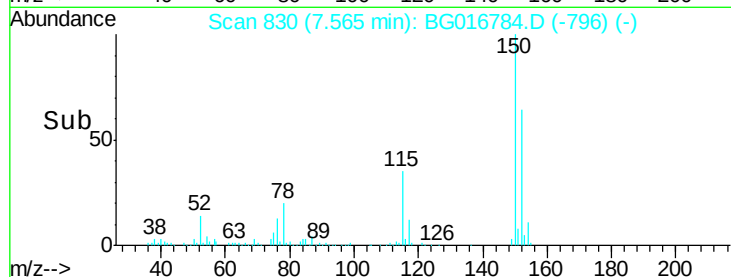
115 53.9 43.0 64.6



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: 45.18 ng

RT: 5.16 min Scan# 420

Delta R.T. -0.00 min

Lab File: BG016784.D

Acq: 29 Apr 2015 5:02

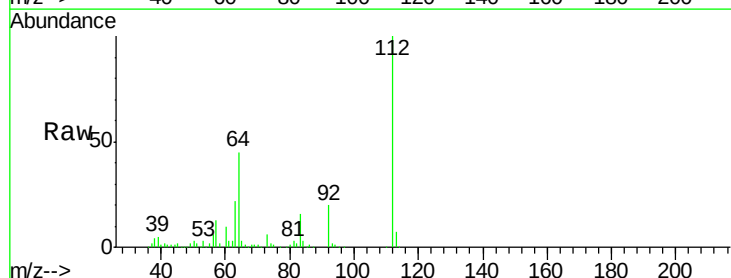
Tgt Ion:112 Resp: 219801

Ion Ratio Lower Upper

112 100

64 44.9 38.3 57.5

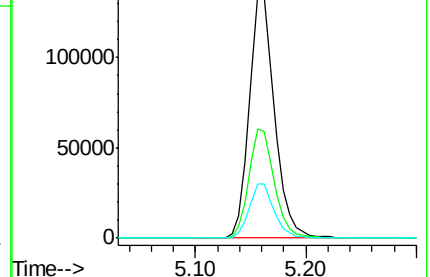
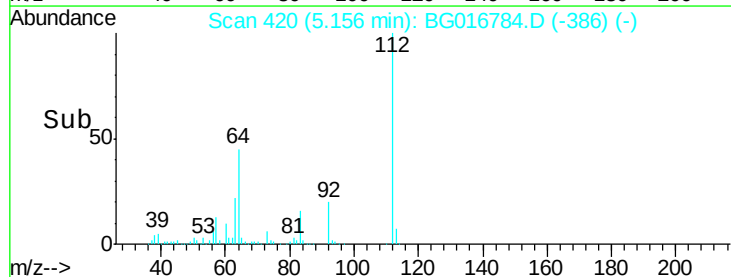
63 22.3 18.9 28.3

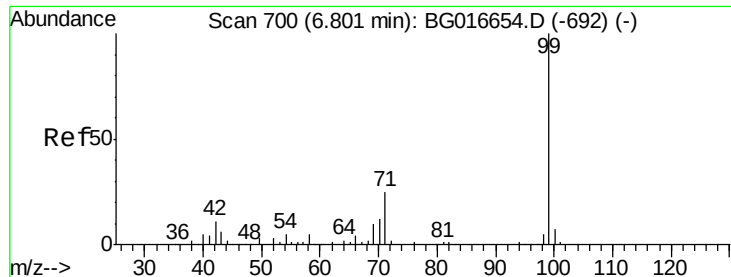


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 27.84 ng

RT: 6.79 min Scan# 698

Delta R.T. 0.02 min

Lab File: BG016784.D

Acq: 29 Apr 2015 5:02

Instrument :

BNA_G

ClientSampled :

MW-24

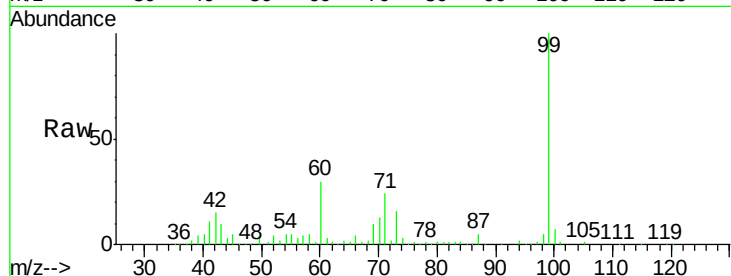
Tot Ion: 99 Resp: 190022

Ion Ratio Lower Upper

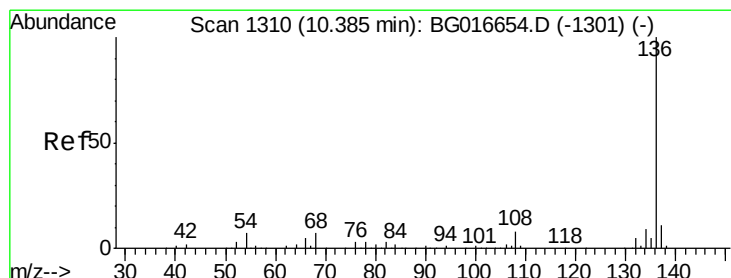
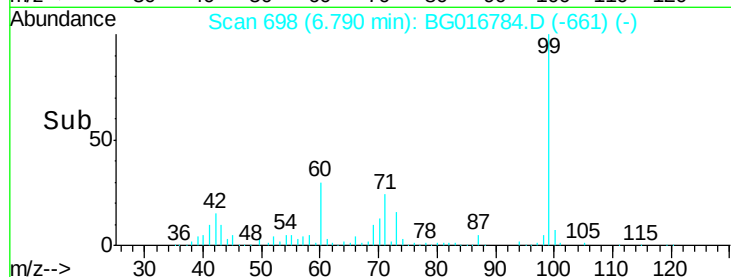
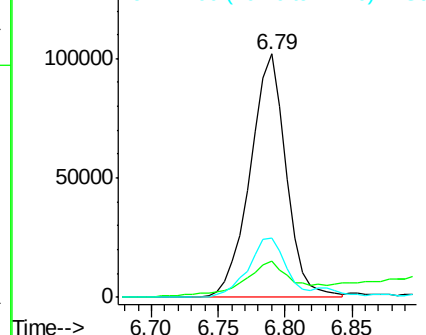
99 100

42 14.7 8.8 13.2#

71 24.1 19.9 29.9



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: 10.35 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BG016784.D

Acq: 29 Apr 2015 5:02

Tgt Ion: 136 Resp: 352303

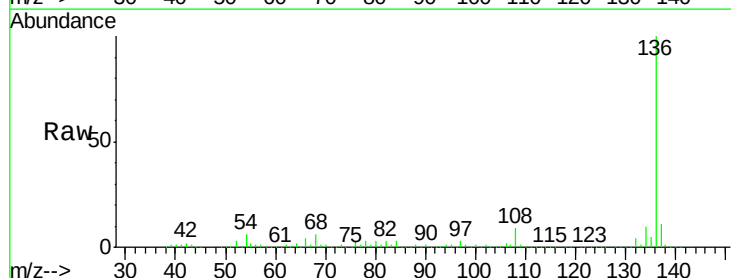
Ion Ratio Lower Upper

136 100

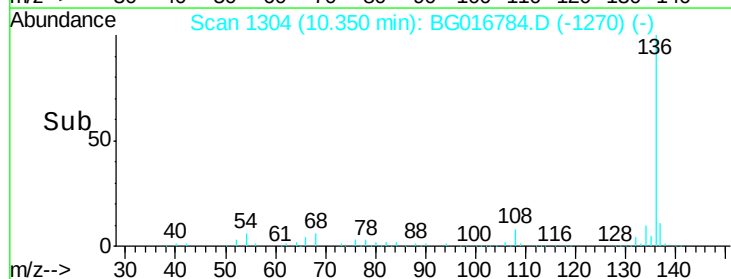
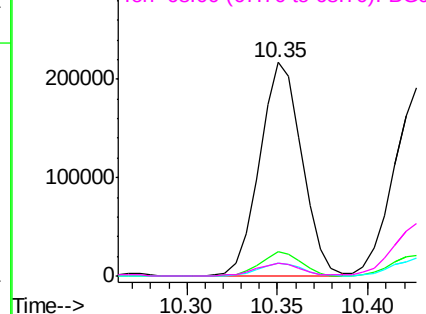
137 11.2 8.5 12.7

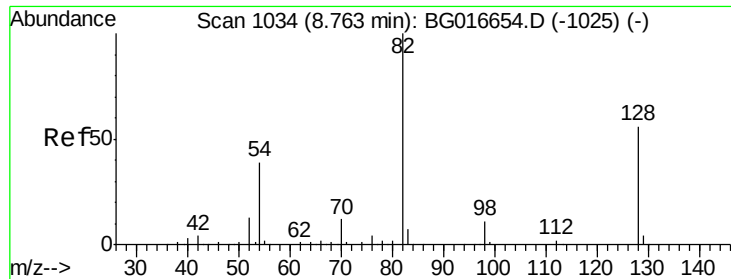
54 6.0 5.4 8.2

68 6.2 5.2 7.8



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

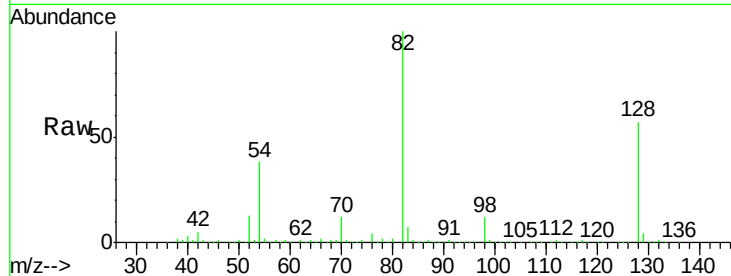




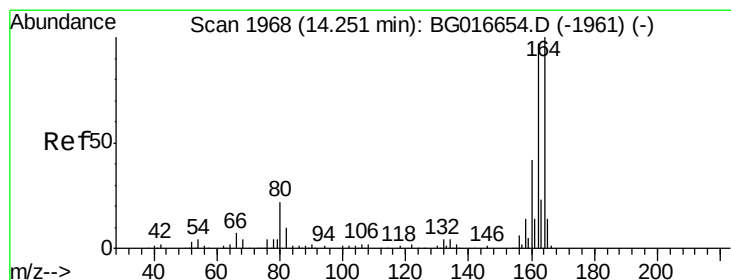
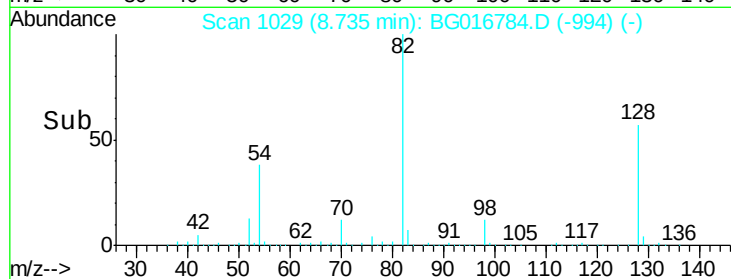
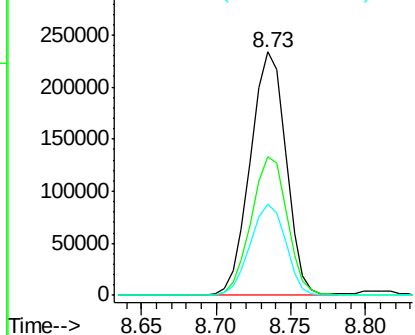
#23
 Nitrobenzene-d5
 Concen: 69.49 ng
 RT: 8.73 min Scan# 1029
 Delta R.T. 0.01 min
 Lab File: BG016784.D
 Acq: 29 Apr 2015 5:02

Instrument :
 BNA_G
 ClientSampleId :
 MW-24

Tot Ion	82	Resp	387444
Ion Ratio	Lower	Upper	
82	100		
128	56.7	44.7	67.1
54	37.6	30.9	46.3

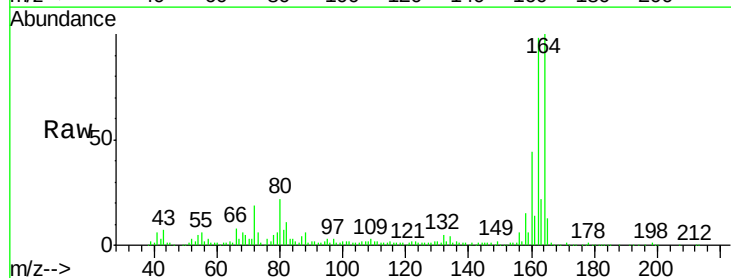


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

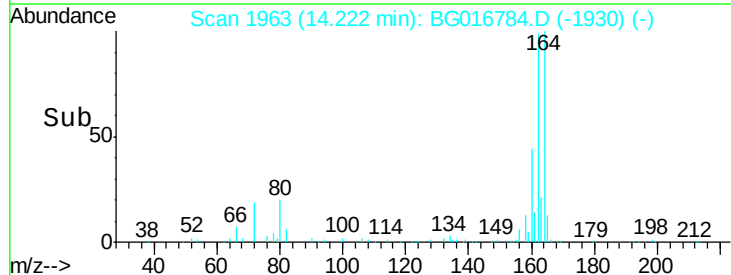
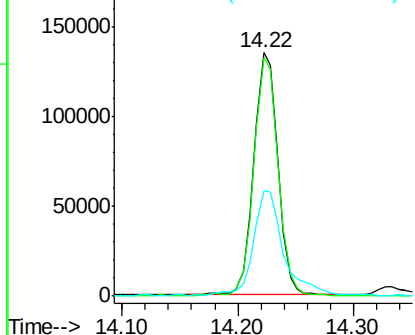


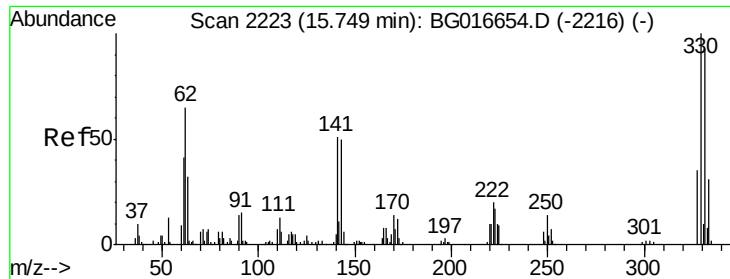
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.22 min Scan# 1963
 Delta R.T. -0.01 min
 Lab File: BG016784.D
 Acq: 29 Apr 2015 5:02

Tgt Ion	164	Resp	196821
Ion Ratio	Lower	Upper	
164	100		
162	98.2	77.3	115.9
160	43.5	33.7	50.5



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

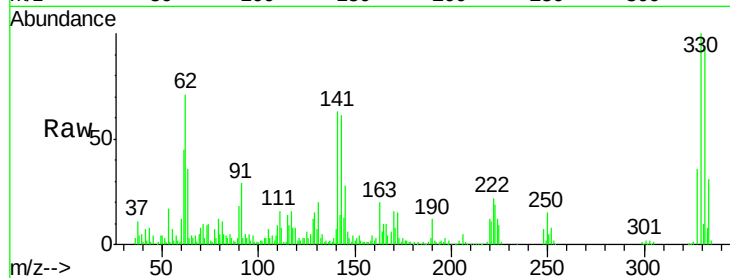




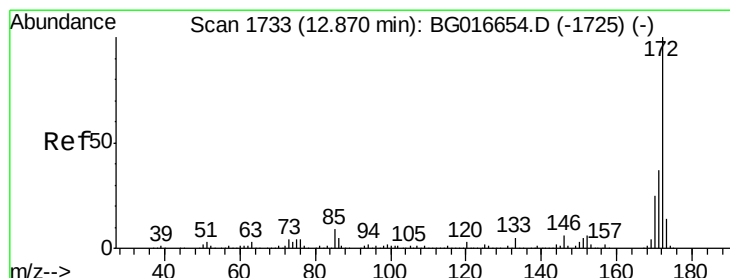
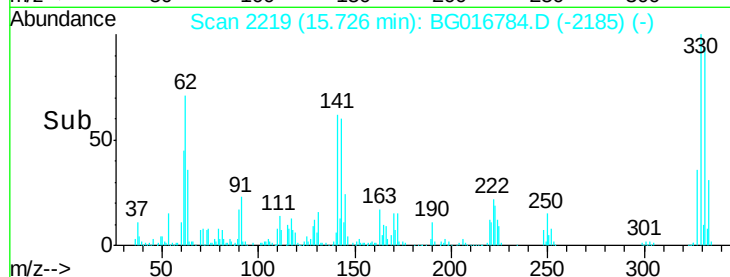
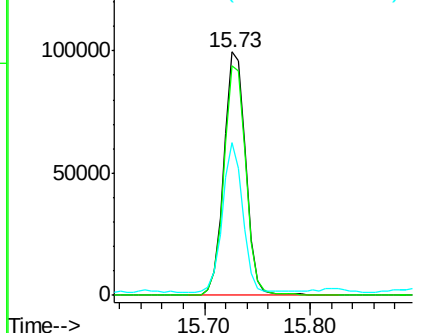
#41
 2,4,6-Tribromophenol
 Concen: 97.31 ng
 RT: 15.73 min Scan# 2219
 Delta R.T. -0.00 min
 Lab File: BG016784.D
 Acq: 29 Apr 2015 5:02

Instrument :
 BNA_G
 ClientSampled :
 MW-24

Tot Ion:330 Resp: 142084
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.2 114.4
 141 57.7 43.0 64.6

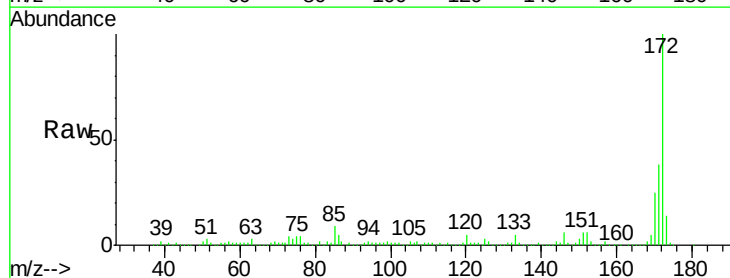


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

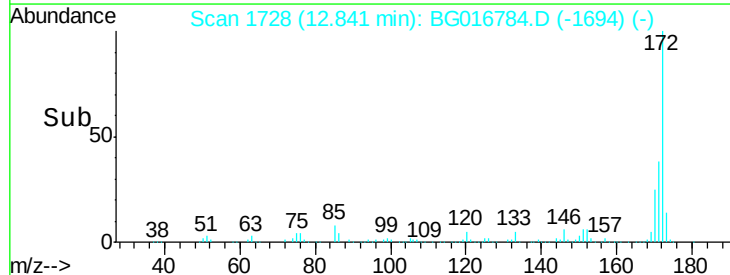
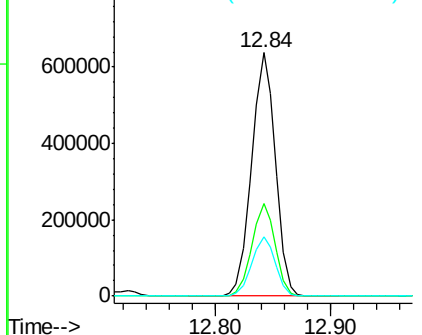


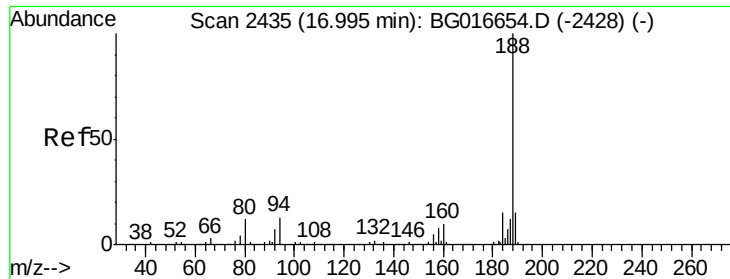
#44
 2-Fluorobiphenyl
 Concen: 74.65 ng
 RT: 12.84 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG016784.D
 Acq: 29 Apr 2015 5:02

Tgt Ion:172 Resp: 914512
 Ion Ratio Lower Upper
 172 100
 171 38.1 29.9 44.9
 170 24.6 19.8 29.8



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: 16.97 min Scan# 2431

Delta R.T. -0.00 min

Lab File: BG016784.D

Acq: 29 Apr 2015 5:02

Instrument :

BNA_G

ClientSampleId :

MW-24

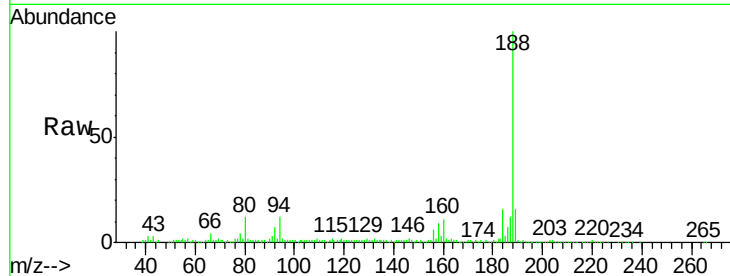
Tot Ion:188 Resp: 346920

Ion Ratio Lower Upper

188 100

94 12.4 10.7 16.1

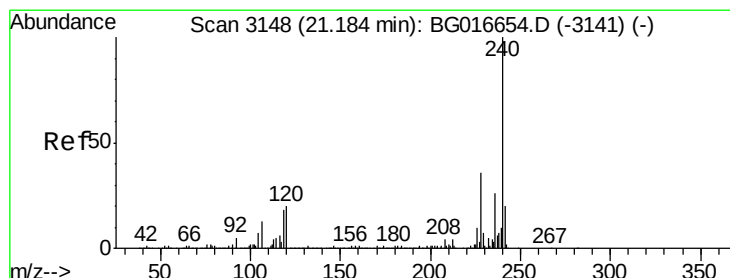
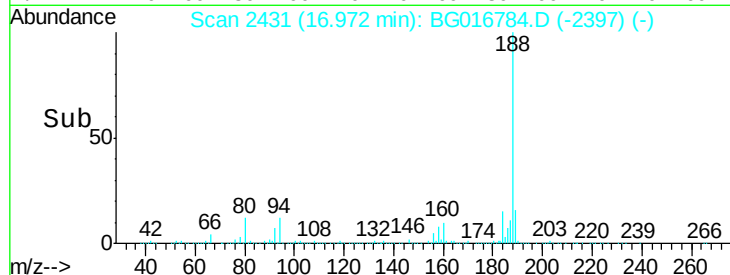
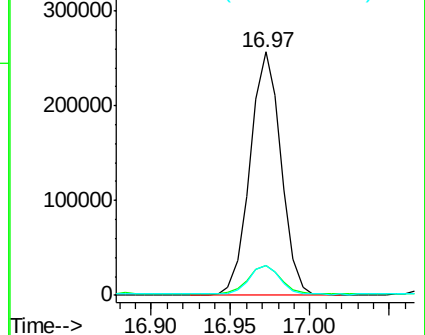
80 12.2 9.9 14.9



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: 21.16 min Scan# 3143

Delta R.T. -0.01 min

Lab File: BG016784.D

Acq: 29 Apr 2015 5:02

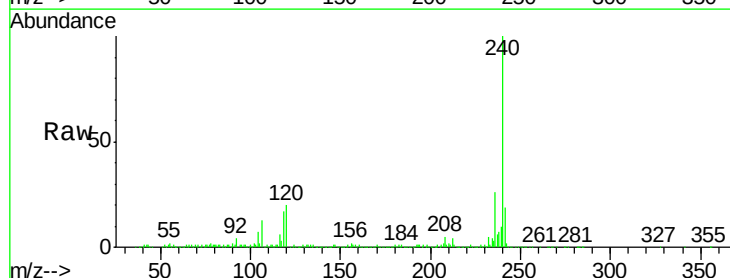
Tgt Ion:240 Resp: 296490

Ion Ratio Lower Upper

240 100

120 20.2 16.3 24.5

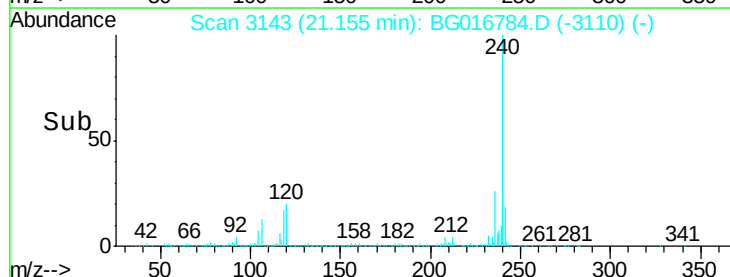
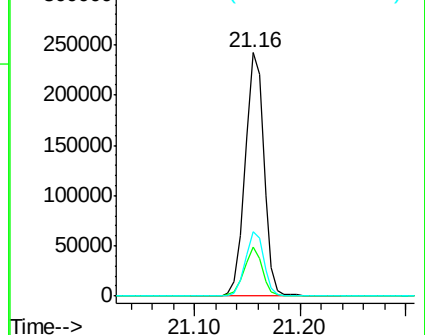
236 26.3 21.1 31.7

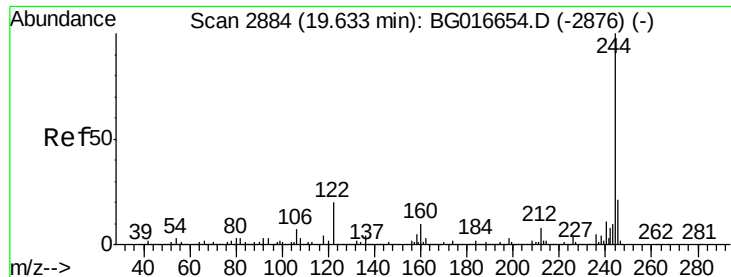


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 58.94 ng

RT: 19.60 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG016784.D

Acq: 29 Apr 2015 5:02

Instrument :

BNA_G

ClientSampleId :

MW-24

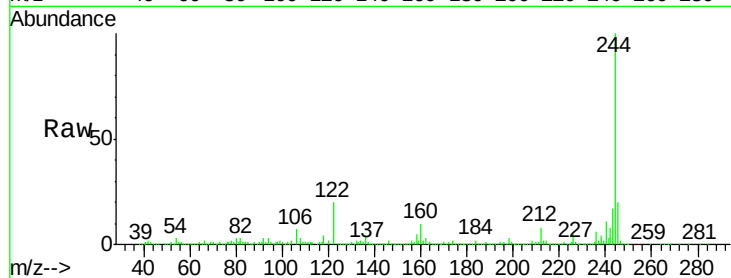
Tot Ion:244 Resp: 758613

Ion Ratio Lower Upper

244 100

212 8.2 6.4 9.6

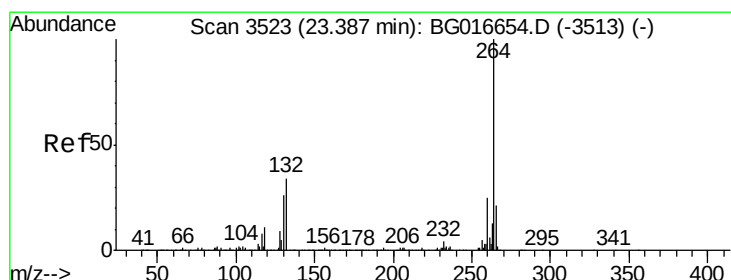
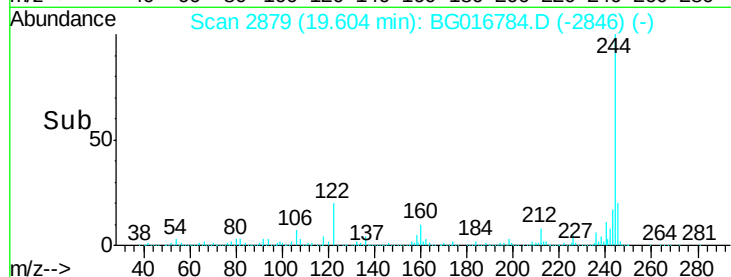
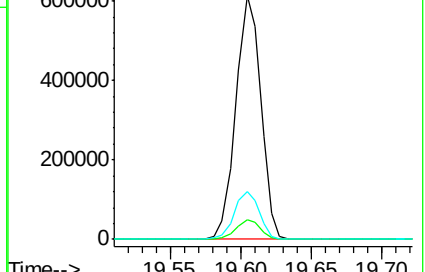
122 19.6 15.9 23.9



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: 23.35 min Scan# 3517

Delta R.T. -0.00 min

Lab File: BG016784.D

Acq: 29 Apr 2015 5:02

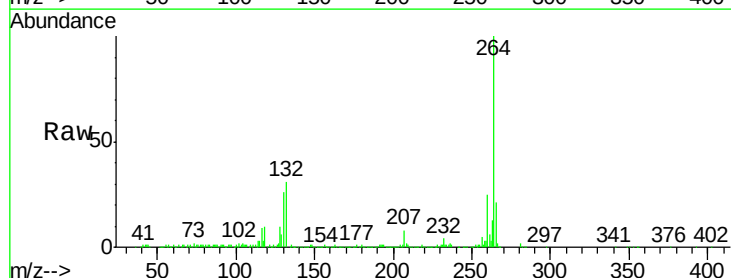
Tgt Ion:264 Resp: 278896

Ion Ratio Lower Upper

264 100

260 25.1 20.0 30.0

265 21.3 16.8 25.2



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

