

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042915\
 Data File : BG016801.D
 Acq On : 29 Apr 2015 16:36
 Operator : TP/IZ
 Sample : G2021-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PS-18-5-10

Quant Time: Apr 30 02:15:16 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 02:01:08 2015
 Response via : Initial Calibration

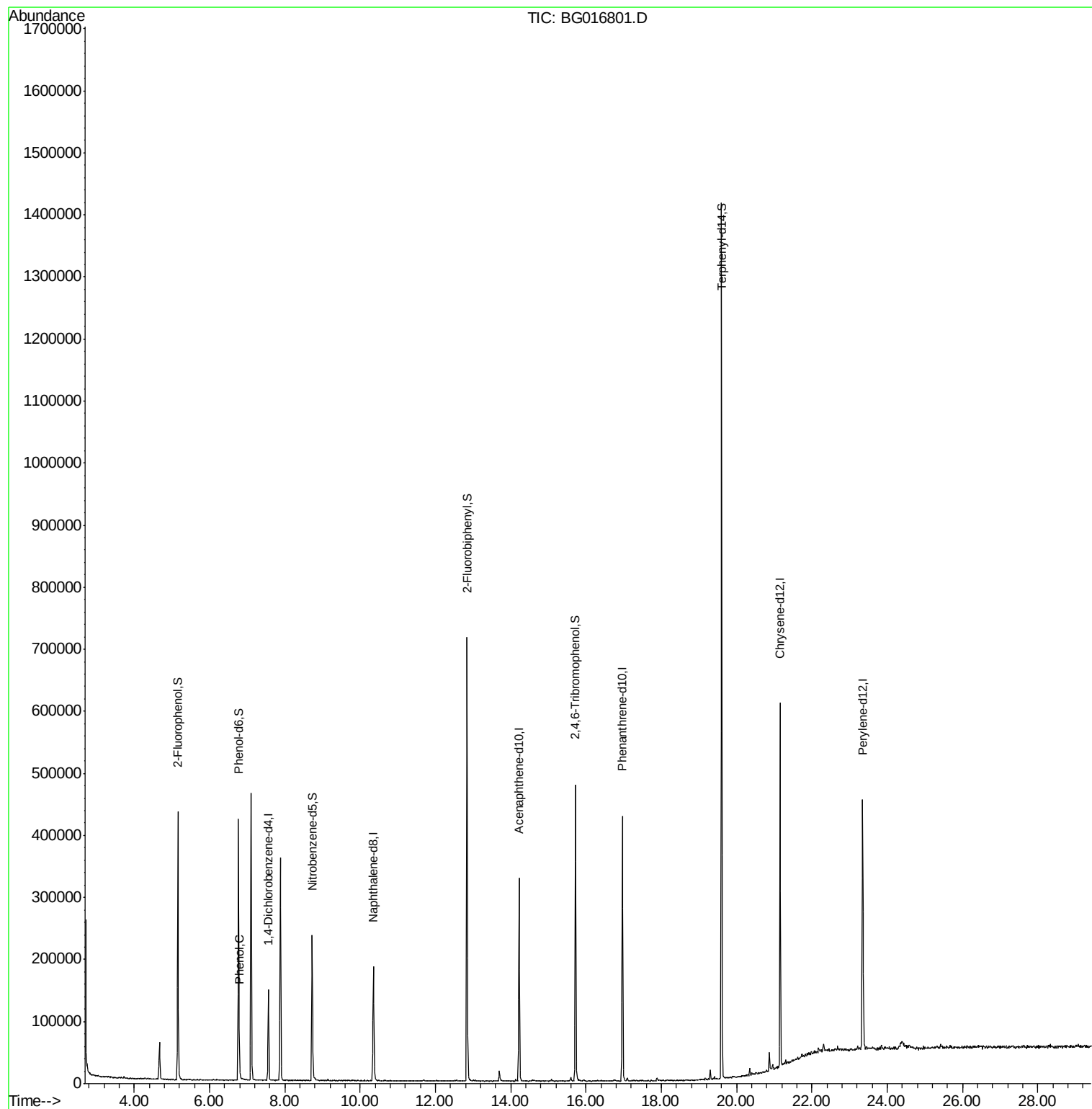
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	42792	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	184091	20.00	ng	0.00
38) Acenaphthene-d10	14.22	164	113850	20.00	ng	0.00
63) Phenanthrene-d10	16.97	188	254880	20.00	ng	0.00
75) Chrysene-d12	21.15	240	245137	20.00	ng	0.00
86) Perylene-d12	23.35	264	233587	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	224874	96.80	ng	0.00
7) Phenol-d6	6.77	99	306082	93.87	ng	0.00
23) Nitrobenzene-d5	8.73	82	149967	53.07	ng	0.00
41) 2,4,6-Tribromophenol	15.72	330	76868	90.65	ng	0.00
44) 2-Fluorobiphenyl	12.83	172	393851	53.56	ng	0.00
78) Terphenyl-d14	19.60	244	549185	54.04	ng	0.00
Target Compounds						
10) Phenol	6.79	94	11375	3.40	ng	Qvalue 93

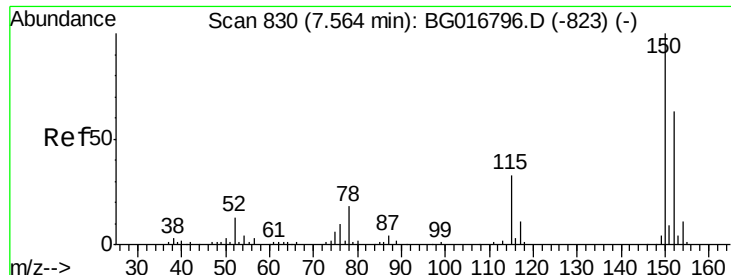
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.56 min Scan# 830

Delta R.T. 0.00 min

Lab File: BG016801.D

Acq: 29 Apr 2015 16:36

Instrument :

BNA_G

ClientSampleId :

PS-18-5-10

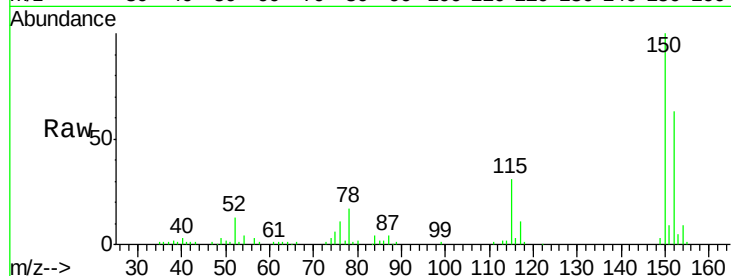
Tot Ion:152 Resp: 42792

Ion Ratio Lower Upper

152 100

150 159.9 126.2 189.4

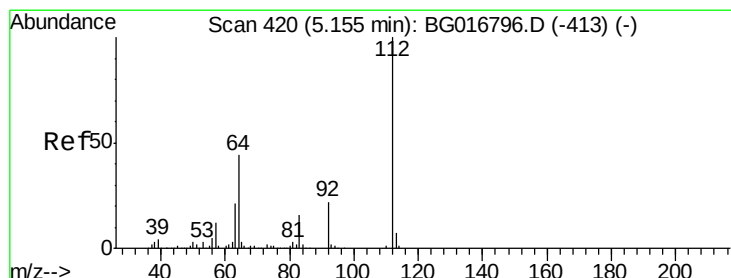
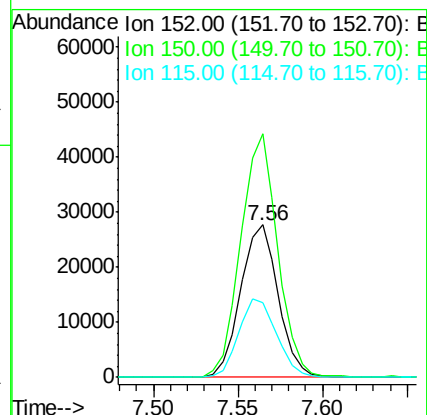
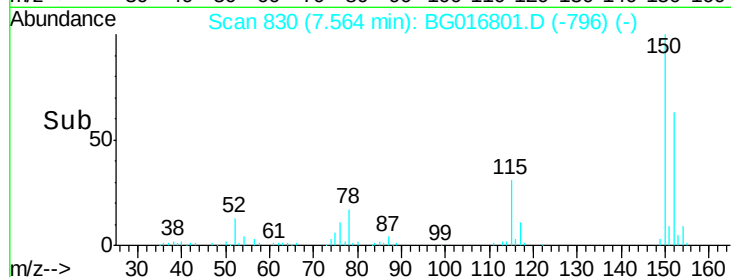
115 49.4 41.1 61.7



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: 96.80 ng

RT: 5.16 min Scan# 420

Delta R.T. 0.00 min

Lab File: BG016801.D

Acq: 29 Apr 2015 16:36

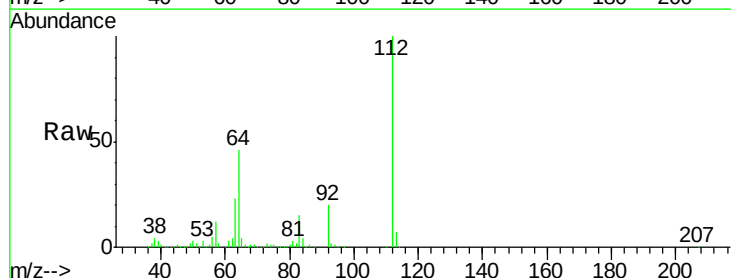
Tgt Ion:112 Resp: 224874

Ion Ratio Lower Upper

112 100

64 45.7 35.5 53.3

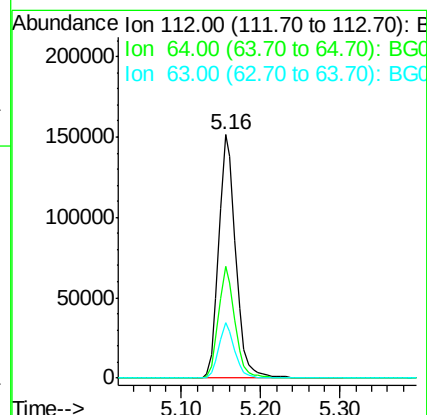
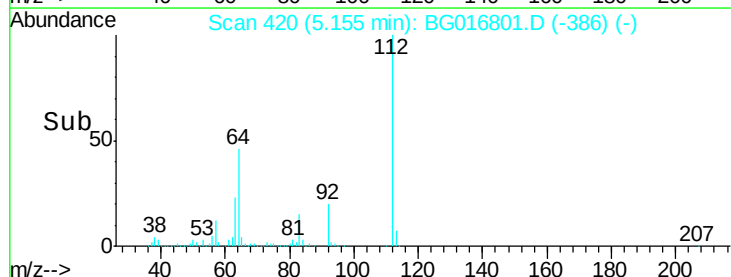
63 22.5 17.2 25.8

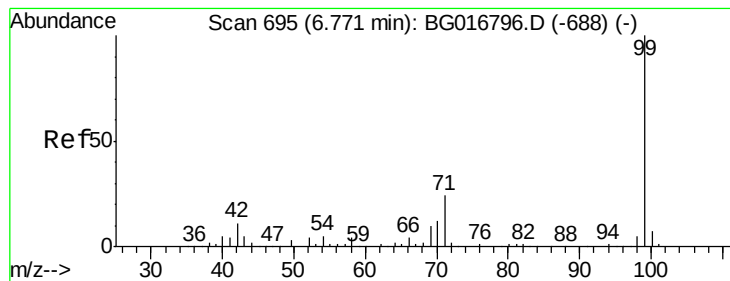


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 93.87 ng

RT: 6.77 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG016801.D

Acq: 29 Apr 2015 16:36

Instrument :

BNA_G

ClientSampleId :

PS-18-5-10

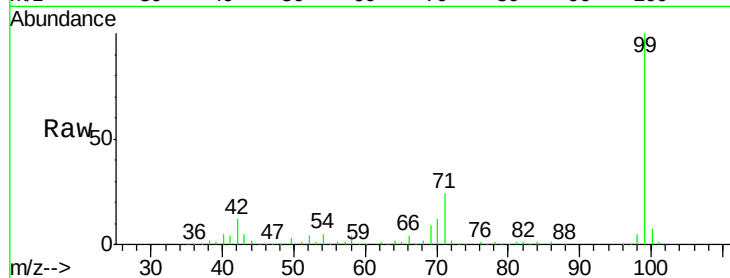
Tot Ion: 99 Resp: 306082

Ion Ratio Lower Upper

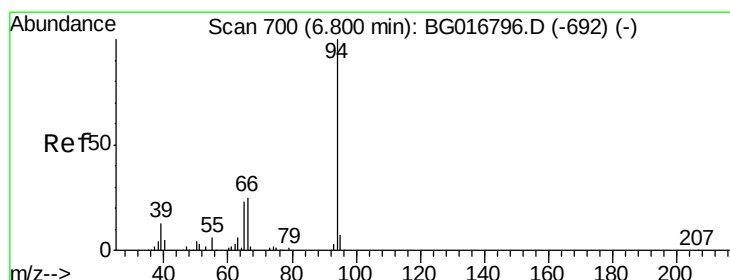
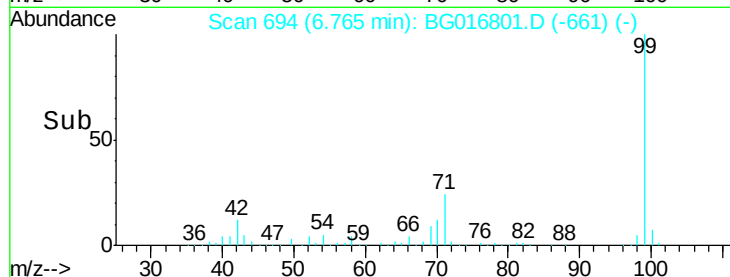
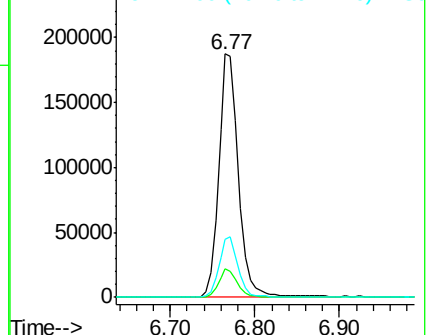
99 100

42 11.6 8.9 13.3

71 23.9 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



#10

Phenol

Concen: 3.40 ng

RT: 6.79 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG016801.D

Acq: 29 Apr 2015 16:36

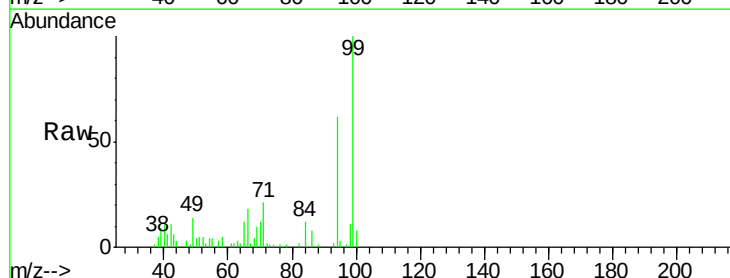
Tgt Ion: 94 Resp: 11375

Ion Ratio Lower Upper

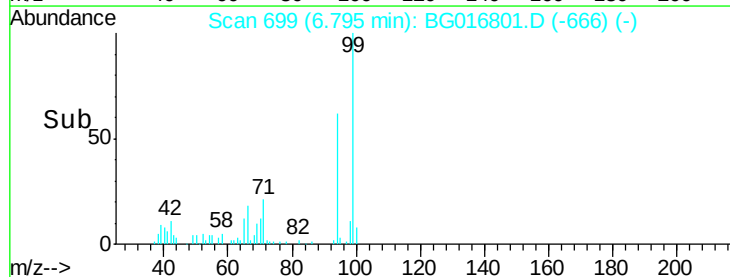
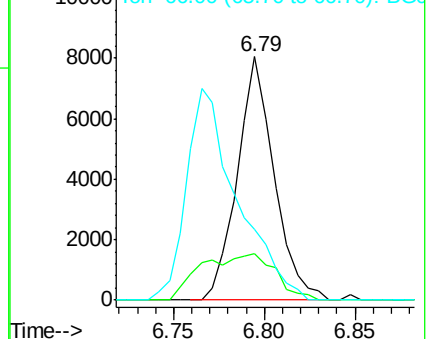
94 100

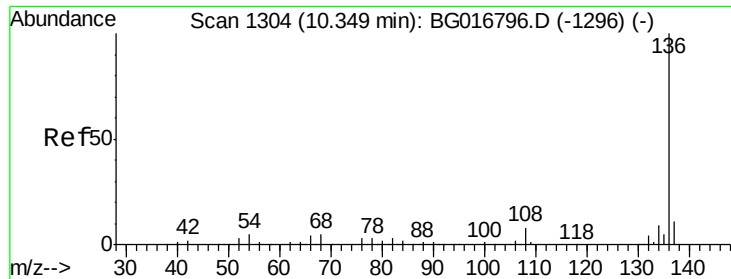
65 19.1 3.0 43.0

66 28.9 6.3 46.3



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

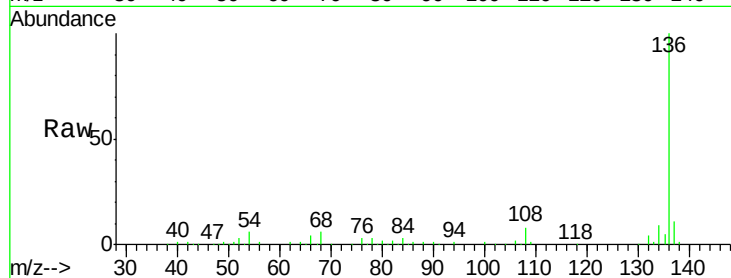




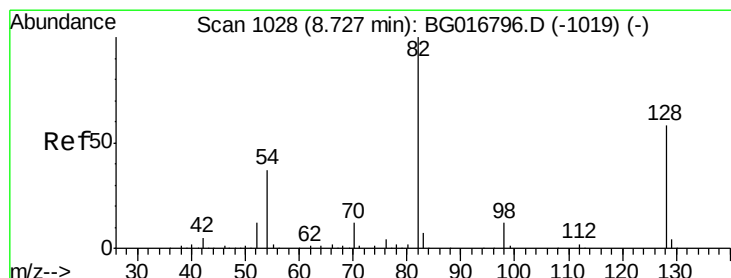
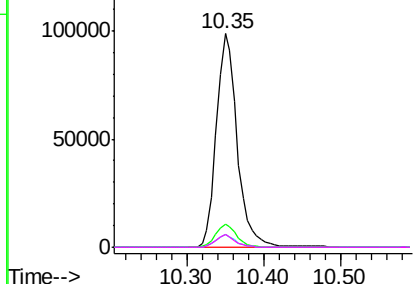
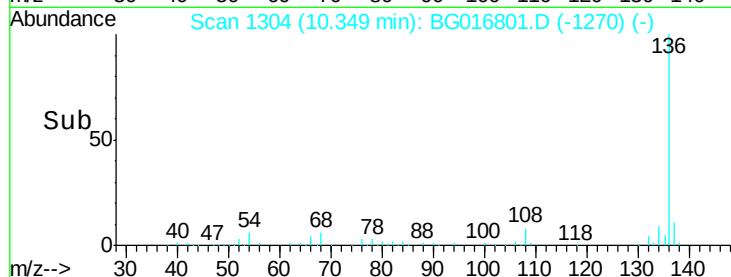
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.35 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BG016801.D
Acq: 29 Apr 2015 16:36

Instrument :
BNA_G
ClientSampleId :
PS-18-5-10

Tot Ion:136 Resp: 184091
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 6.0 4.3 6.5
68 5.7 4.3 6.5

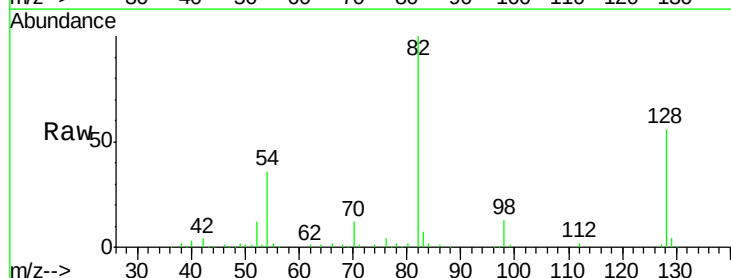


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

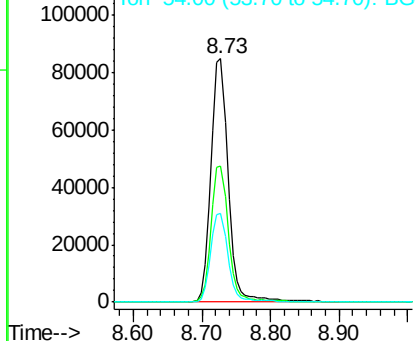
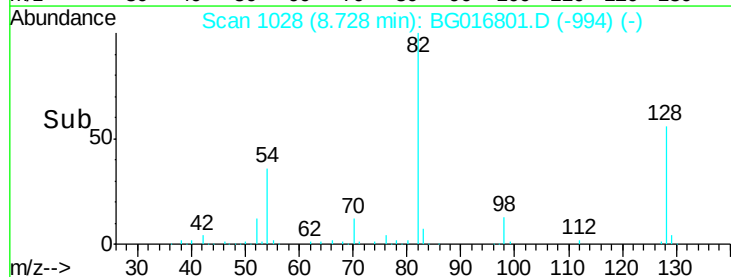


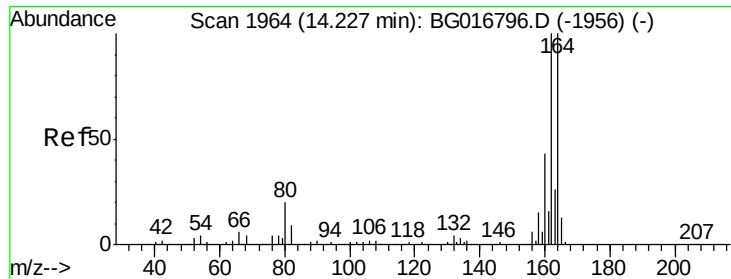
#23
Nitrobenzene-d5
Concen: 53.07 ng
RT: 8.73 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BG016801.D
Acq: 29 Apr 2015 16:36

Tgt Ion: 82 Resp: 149967
Ion Ratio Lower Upper
82 100
128 56.1 46.3 69.5
54 36.3 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

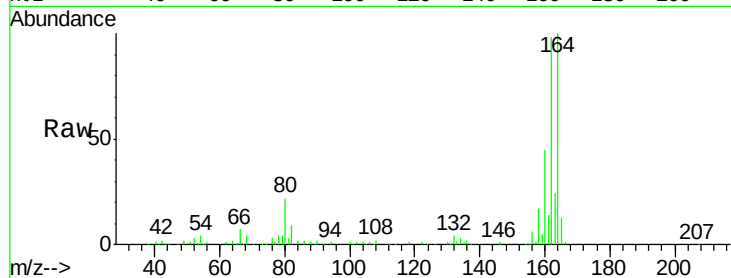




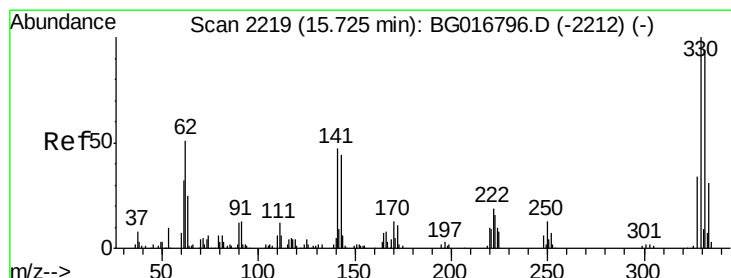
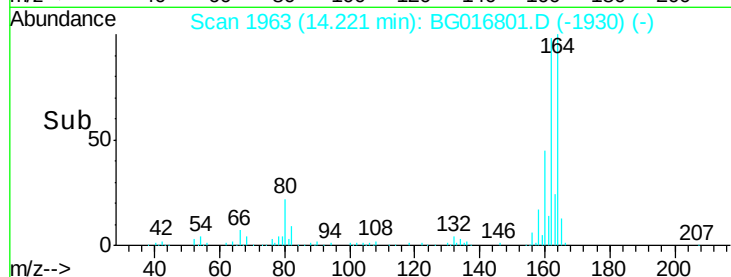
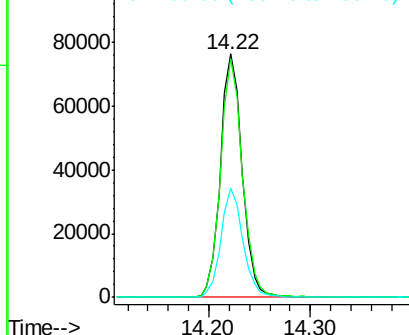
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.22 min Scan# 1963
 Delta R.T. -0.01 min
 Lab File: BG016801.D
 Acq: 29 Apr 2015 16:36

Instrument :
 BNA_G
 ClientSampleID :
 PS-18-5-10

Tot Ion:164 Resp: 113850
 Ion Ratio Lower Upper
 164 100
 162 97.7 80.2 120.4
 160 45.0 34.8 52.2

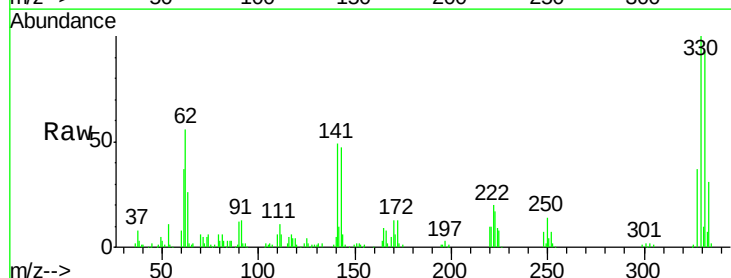


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

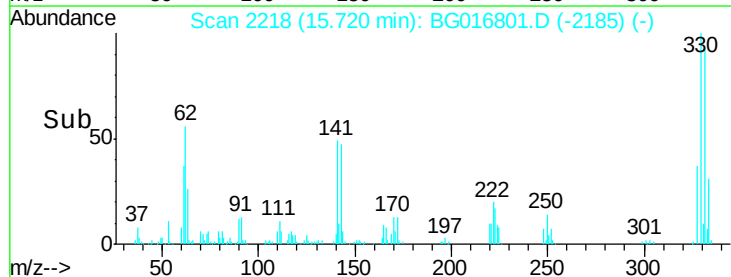
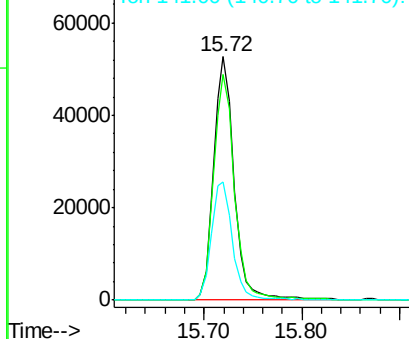


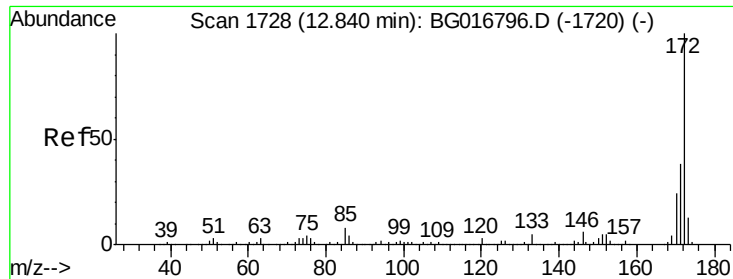
#41
 2,4,6-Tribromophenol
 Concen: 90.65 ng
 RT: 15.72 min Scan# 2218
 Delta R.T. -0.01 min
 Lab File: BG016801.D
 Acq: 29 Apr 2015 16:36

Tgt Ion:330 Resp: 76868
 Ion Ratio Lower Upper
 330 100
 332 93.7 75.3 112.9
 141 49.4 40.7 61.1



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

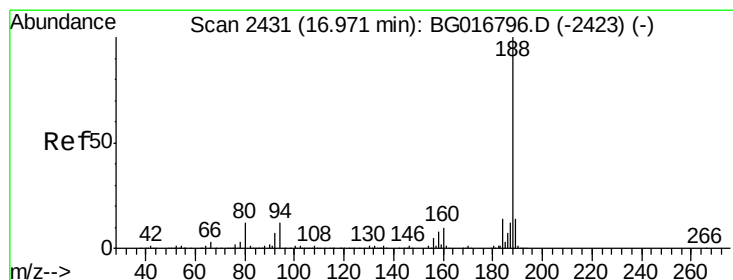
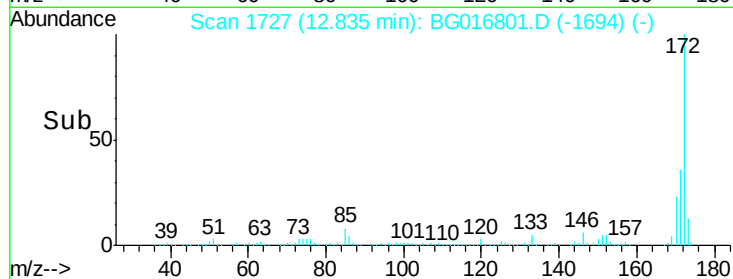
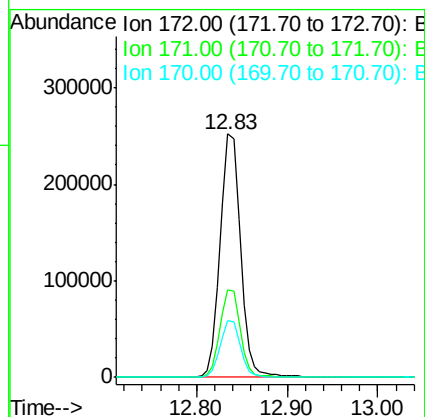
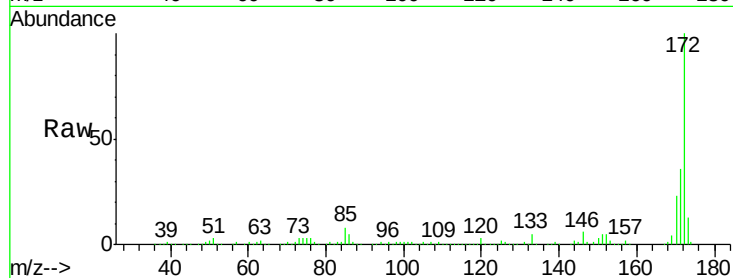




#44
 2-Fluorobiphenyl
 Concen: 53.56 ng
 RT: 12.83 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BG016801.D
 Acq: 29 Apr 2015 16:36

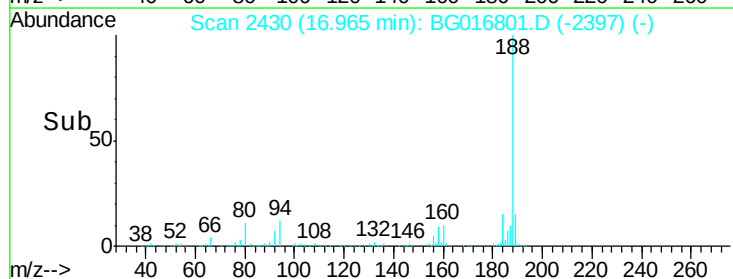
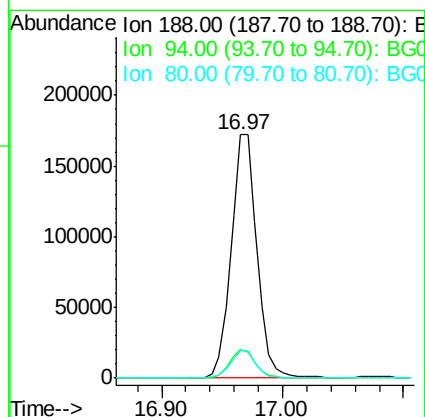
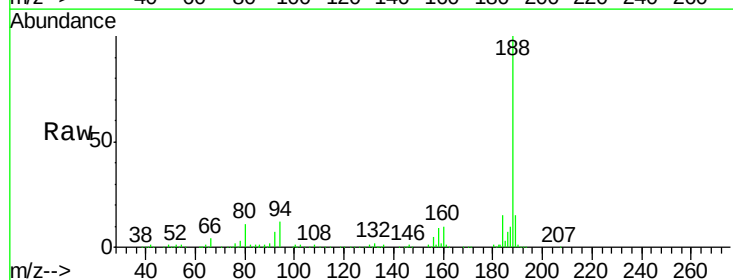
Instrument :
 BNA_G
 ClientSampleId :
 PS-18-5-10

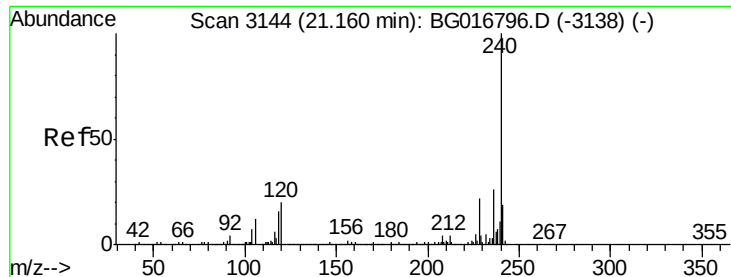
Tot Ion:172	Resp:	393851
Ion	Ratio	Lower Upper
172	100	
171	35.9	30.2 45.4
170	23.3	19.4 29.0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 16.97 min Scan# 2430
 Delta R.T. -0.01 min
 Lab File: BG016801.D
 Acq: 29 Apr 2015 16:36

Tgt Ion:188	Resp:	254880
Ion	Ratio	Lower Upper
188	100	
94	11.6	9.5 14.3
80	11.2	9.2 13.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.15 min Scan# 3143

Delta R.T. -0.01 min

Lab File: BG016801.D

Acq: 29 Apr 2015 16:36

Instrument :

BNA_G

ClientSampleId :

PS-18-5-10

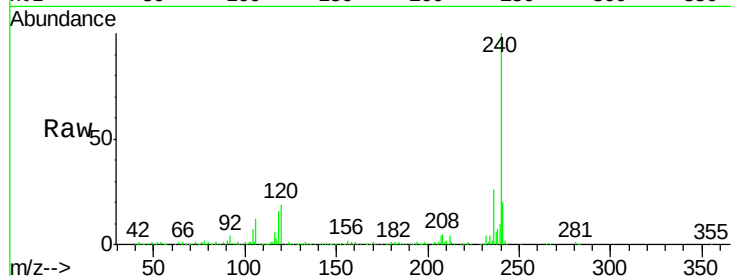
Tot Ion:240 Resp: 245137

Ion Ratio Lower Upper

240 100

120 18.5 16.1 24.1

236 26.4 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

250000

200000

150000

100000

50000

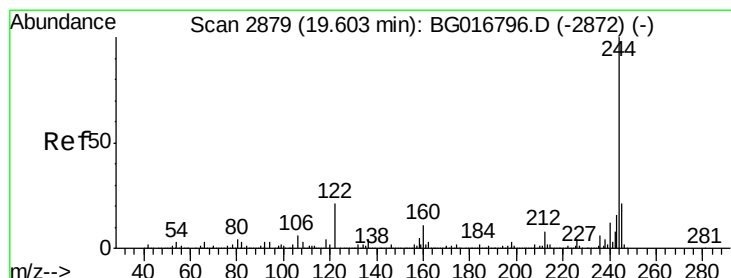
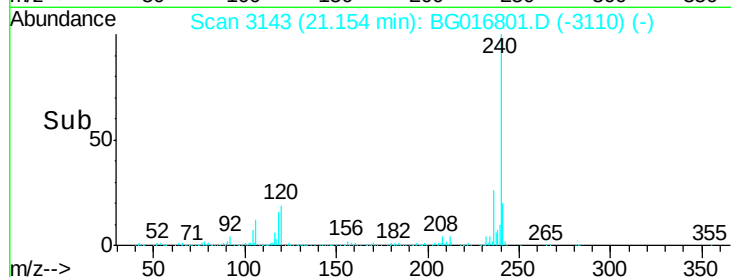
0

21.15

21.10

21.20

Time-->



#78

Terphenyl-d14

Concen: 54.04 ng

RT: 19.60 min Scan# 2879

Delta R.T. 0.00 min

Lab File: BG016801.D

Acq: 29 Apr 2015 16:36

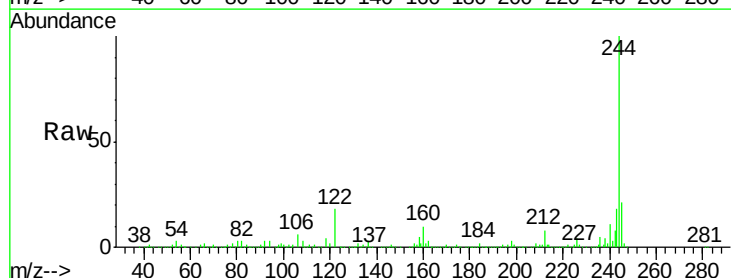
Tgt Ion:244 Resp: 549185

Ion Ratio Lower Upper

244 100

212 7.6 6.4 9.6

122 18.0 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

600000

500000

400000

300000

200000

100000

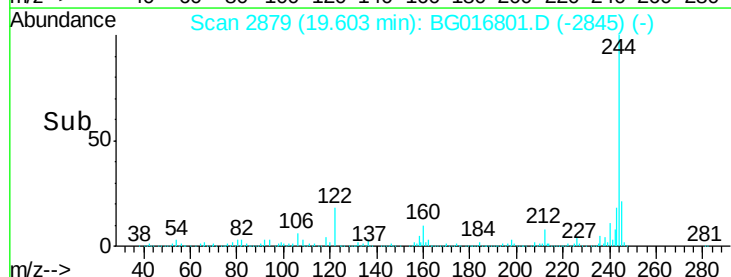
0

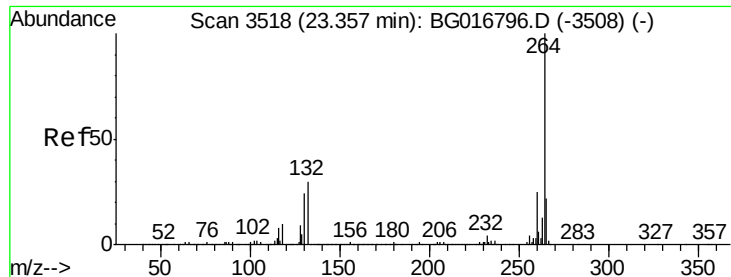
19.60

19.50

19.70

Time-->





#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.35 min Scan# 3517
Delta R.T. -0.01 min
Lab File: BG016801.D
Acq: 29 Apr 2015 16:36

Instrument :
BNA_G
ClientSampleId :
PS-18-5-10

Tot Ion:	264	Resp:	233587
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.7	29.5
265	21.7	17.4	26.2

