

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071216\
 Data File : BG023046.D
 Acq On : 12 Jul 2016 21:25
 Operator : UM/SJ
 Sample : PB92070BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB92070BL

Quant Time: Jul 13 01:08:40 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 18:30:58 2016
 Response via : Initial Calibration

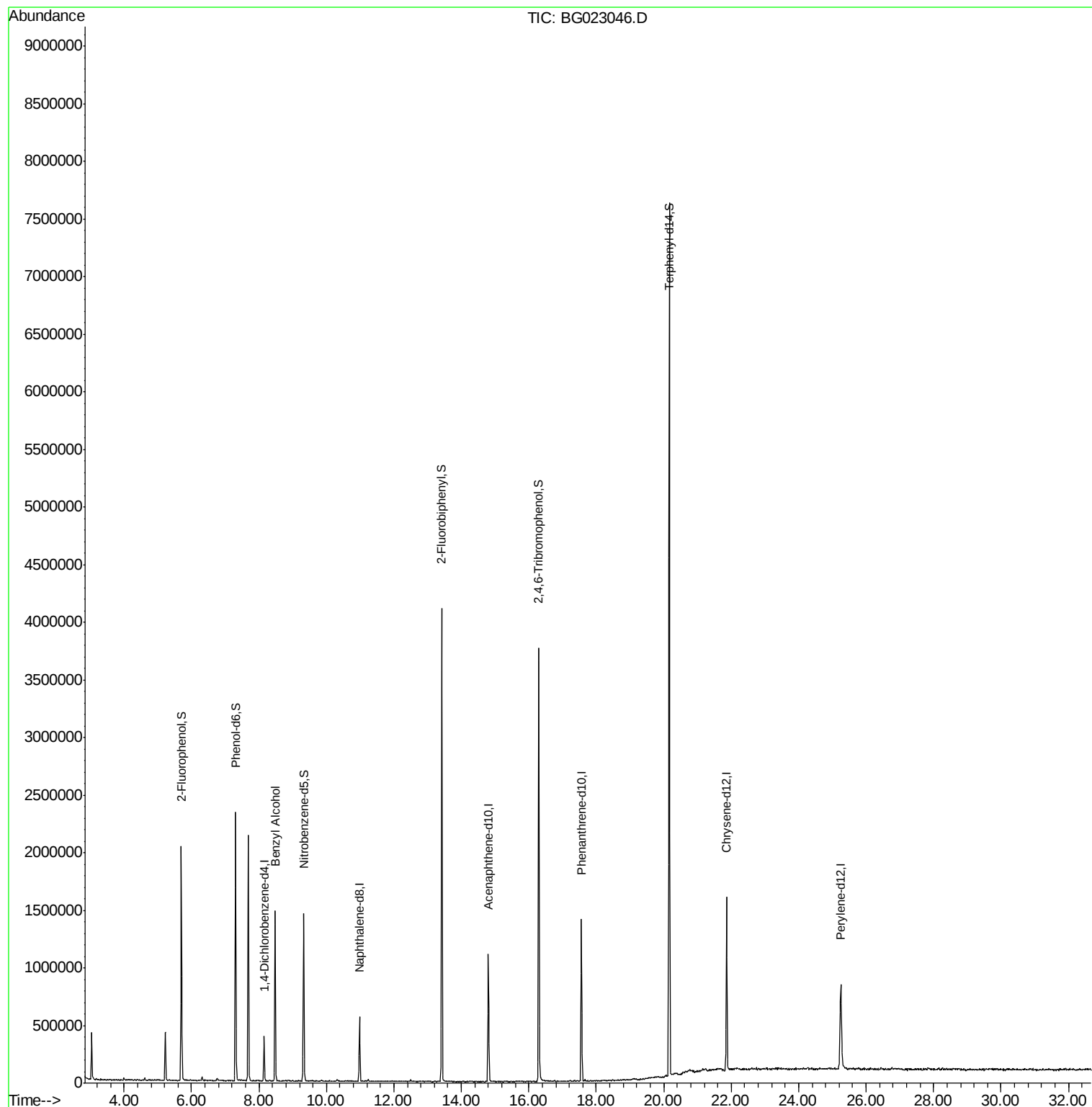
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	93451	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	455284	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	378794	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	881644	20.00	ng	0.00
75) Chrysene-d12	21.86	240	943862	20.00	ng	0.02
86) Perylene-d12	25.25	264	937344	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	815701	142.76	ng	0.00
7) Phenol-d6	7.31	99	1290352	144.18	ng	0.00
23) Nitrobenzene-d5	9.32	82	918880	86.42	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	725658	106.59	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2011016	83.62	ng	0.00
78) Terphenyl-d14	20.16	244	2850931	104.60	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.47	79	16414	2.00	ng	Qvalue # 71

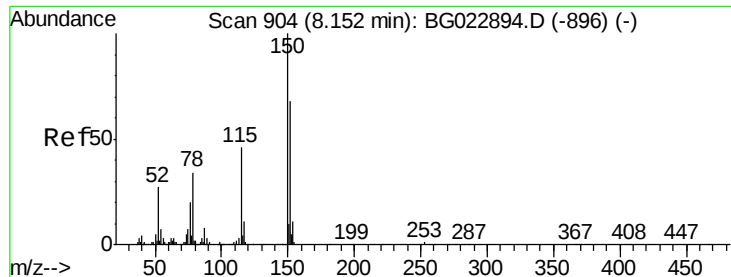
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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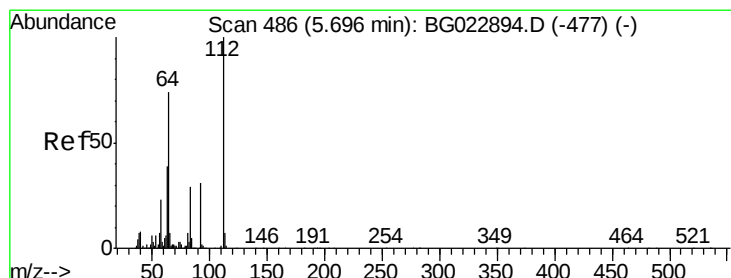
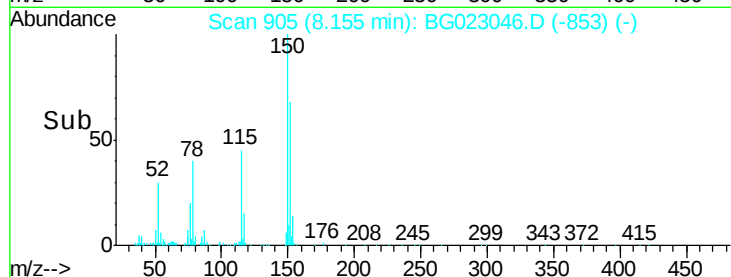
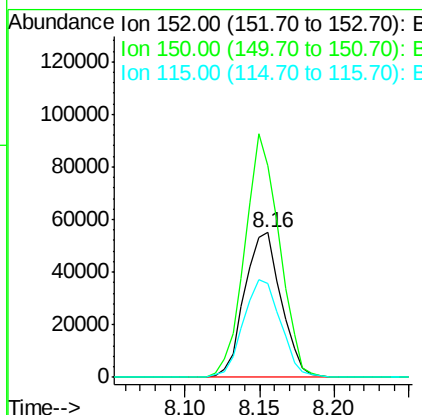
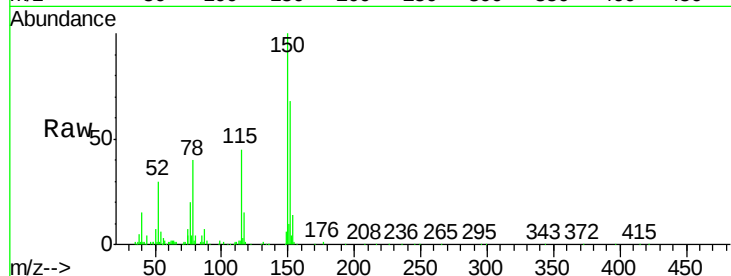


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 905
Delta R.T. 0.00 min
Lab File: BG023046.D
Acq: 12 Jul 2016 21:25

Instrument :
BNA_G
ClientSampleId :
PB92070BL

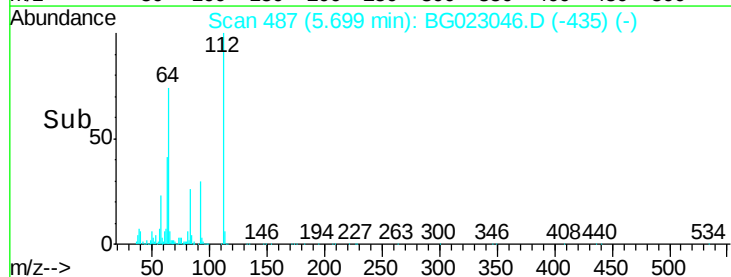
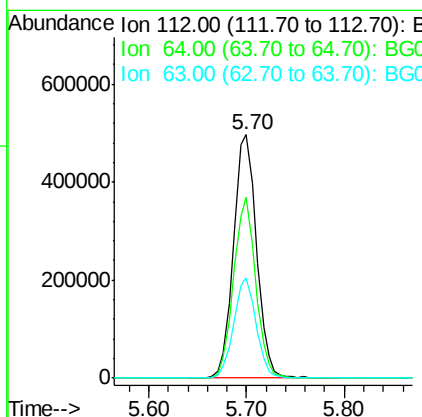
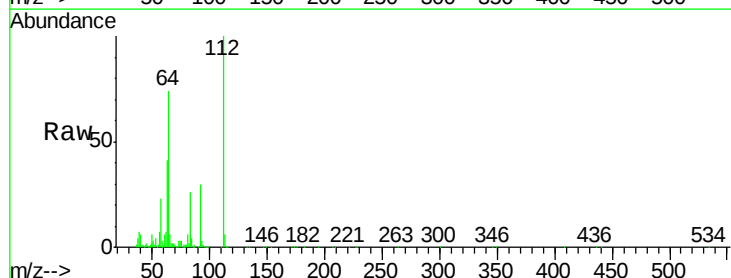
Tgt Ion:152 Resp: 93451
Ion Ratio Lower Upper
152 100
150 146.3 144.7 217.1
115 65.1 64.0 96.0

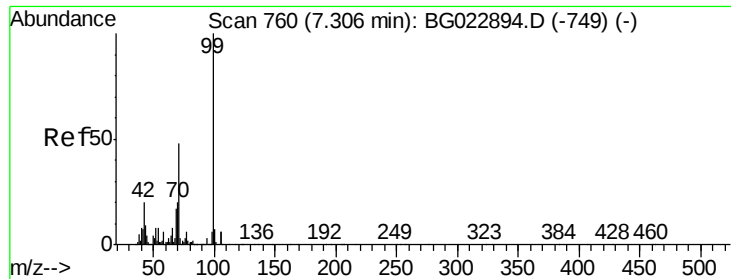


#5

2-Fluorophenol
Concen: 142.76 ng
RT: 5.70 min Scan# 487
Delta R.T. 0.00 min
Lab File: BG023046.D
Acq: 12 Jul 2016 21:25

Tgt Ion:112 Resp: 815701
Ion Ratio Lower Upper
112 100
64 74.3 59.0 88.4
63 41.3 37.8 56.8





#7

Phenol-d6

Concen: 144.18 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG023046.D

Acq: 12 Jul 2016 21:25

Instrument :

BNA_G

ClientSampleId :

PB92070BL

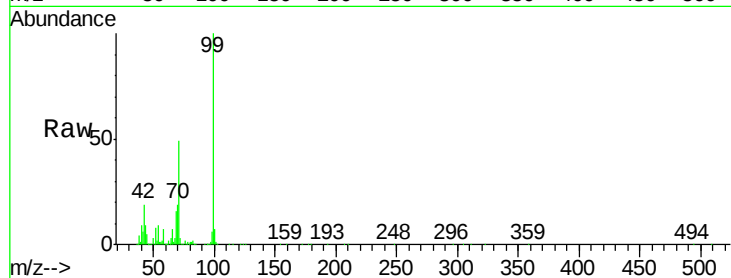
Tgt Ion: 99 Resp: 1290352

Ion Ratio Lower Upper

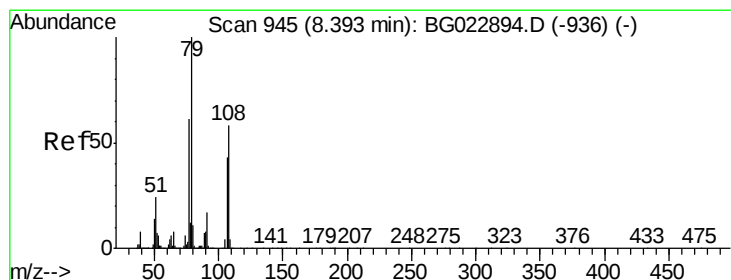
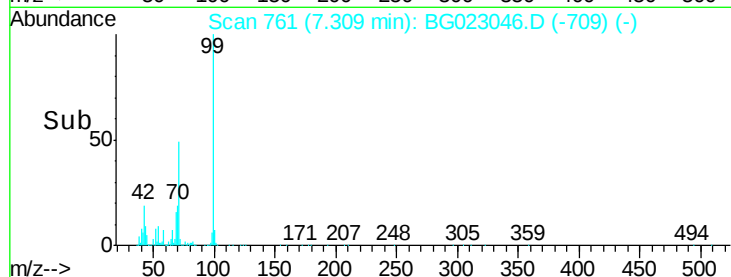
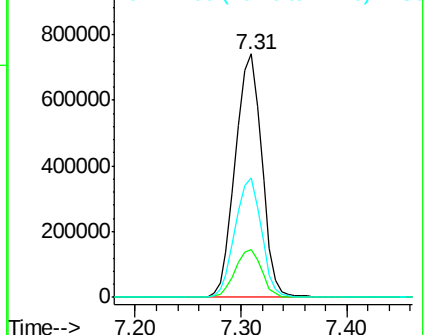
99 100

42 19.4 17.8 26.6

71 49.2 41.5 62.3



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



#15

Benzyl Alcohol

Concen: 2.00 ng

RT: 8.47 min Scan# 959

Delta R.T. 0.08 min

Lab File: BG023046.D

Acq: 12 Jul 2016 21:25

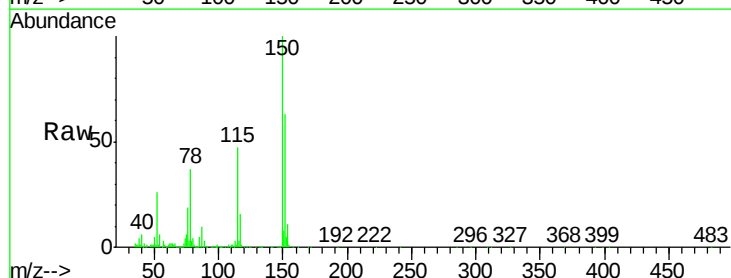
Tgt Ion: 79 Resp: 16414

Ion Ratio Lower Upper

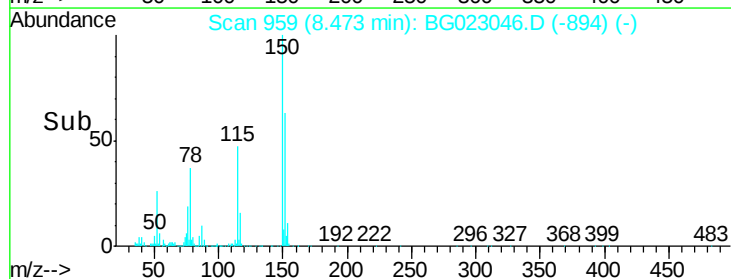
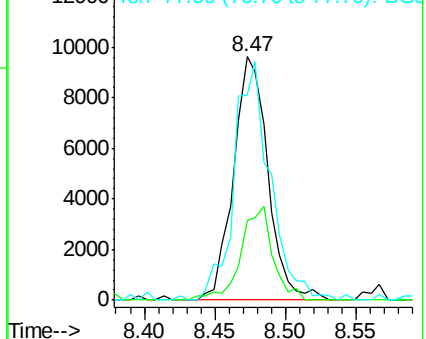
79 100

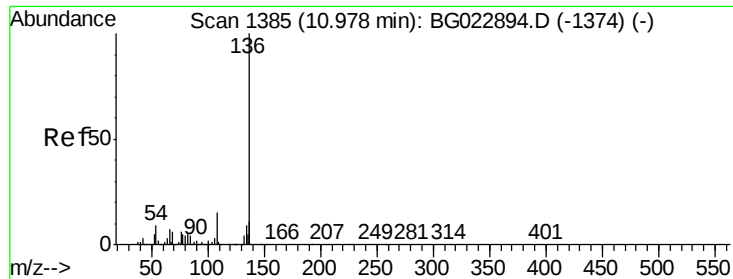
108 32.6 46.5 69.7#

77 84.3 52.3 78.5#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

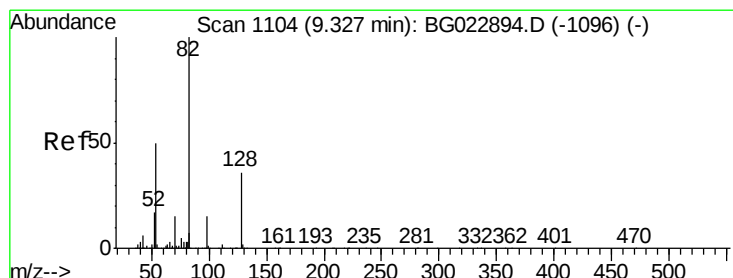
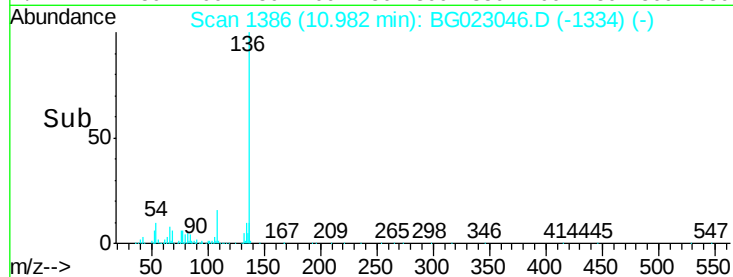
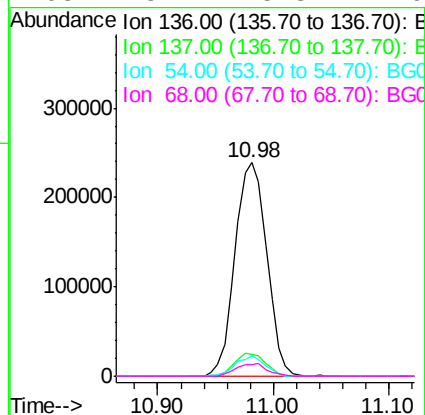
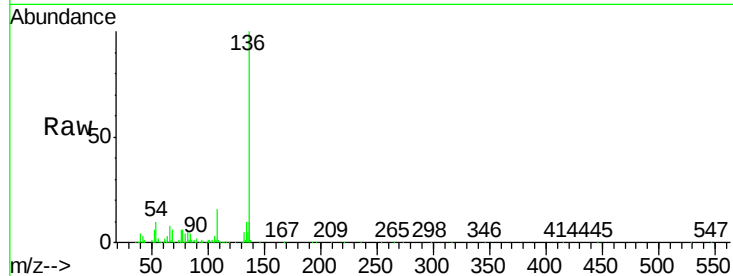




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BG023046.D
Acq: 12 Jul 2016 21:25

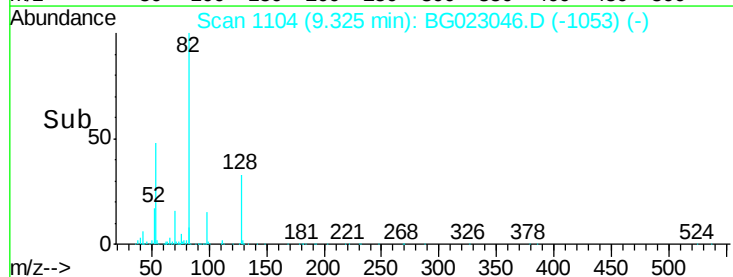
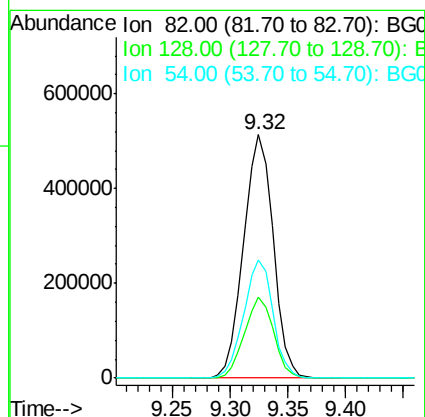
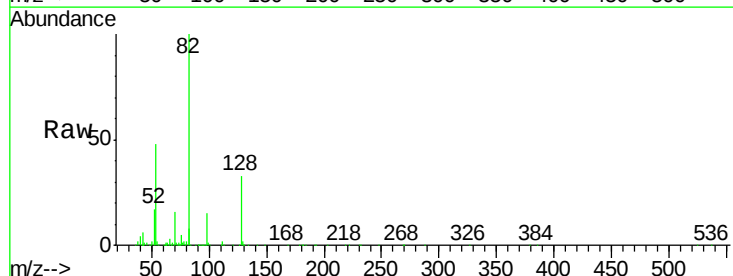
Instrument :
BNA_G
ClientSampleId :
PB92070BL

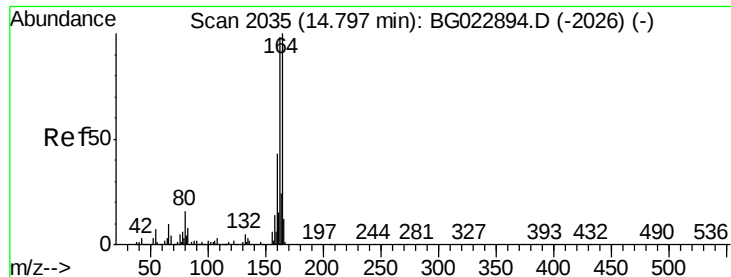
Tgt Ion:	136	Resp:	455284
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.6	14.4
54	9.8	7.3	10.9
68	5.7	5.3	7.9



#23
Nitrobenzene-d5
Concen: 86.42 ng
RT: 9.32 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BG023046.D
Acq: 12 Jul 2016 21:25

Tgt Ion:	82	Resp:	918880
Ion	Ratio	Lower	Upper
82	100		
128	33.5	24.4	36.6
54	48.4	41.4	62.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BG023046.D

Acq: 12 Jul 2016 21:25

Instrument :

BNA_G

ClientSampleId :

PB92070BL

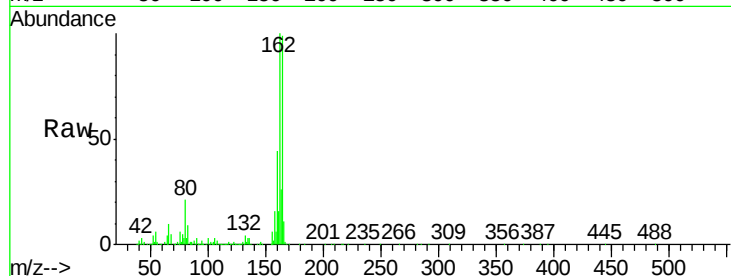
Tgt Ion:164 Resp: 378794

Ion Ratio Lower Upper

164 100

162 101.1 87.7 131.5

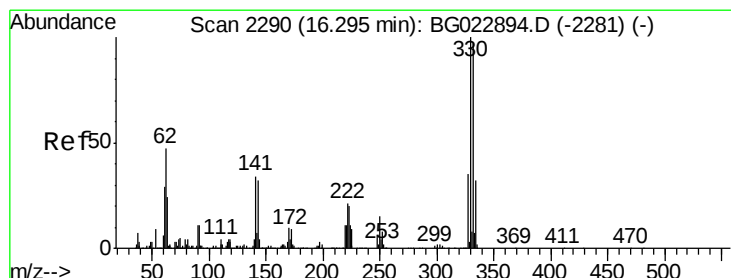
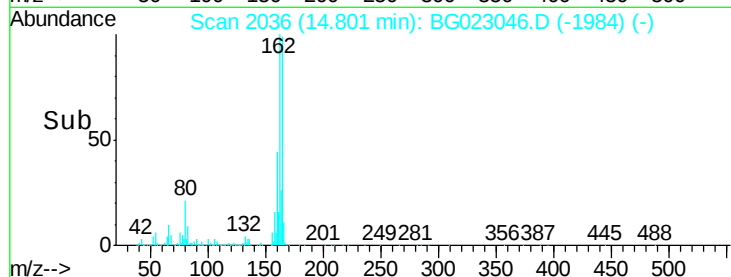
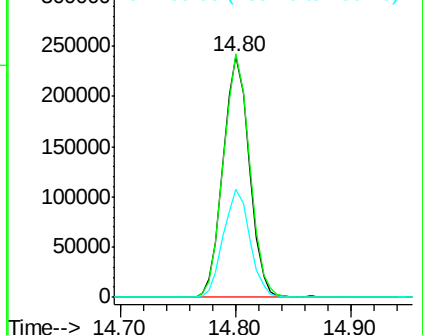
160 44.9 37.2 55.8



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: 106.59 ng

RT: 16.30 min Scan# 2291

Delta R.T. 0.00 min

Lab File: BG023046.D

Acq: 12 Jul 2016 21:25

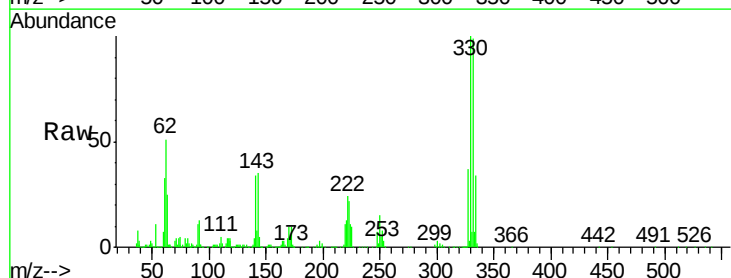
Tgt Ion:330 Resp: 725658

Ion Ratio Lower Upper

330 100

332 97.7 77.4 116.2

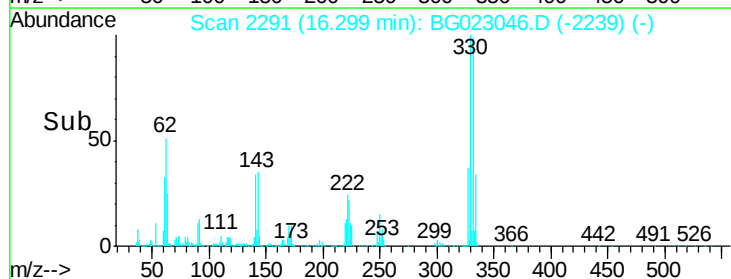
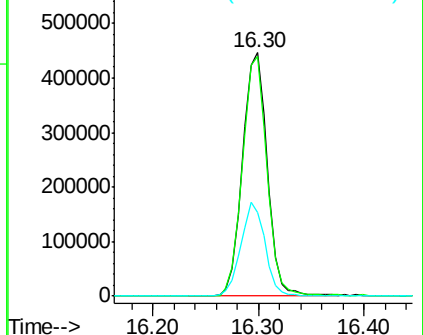
141 37.6 31.7 47.5

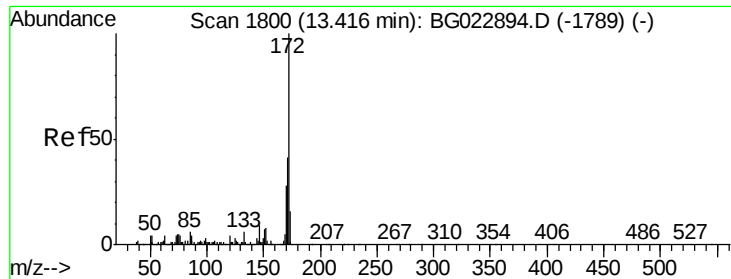


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

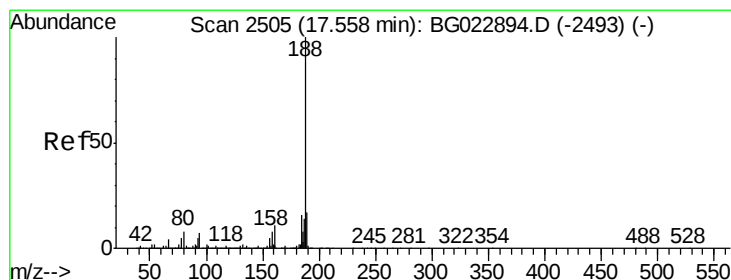
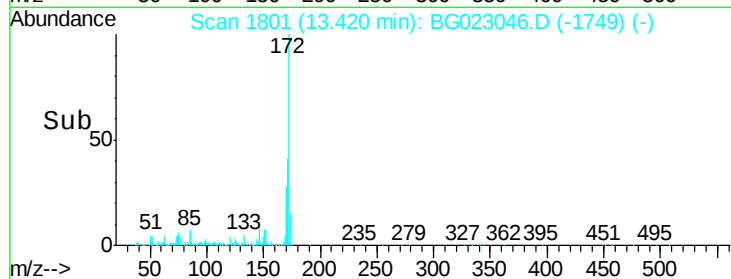
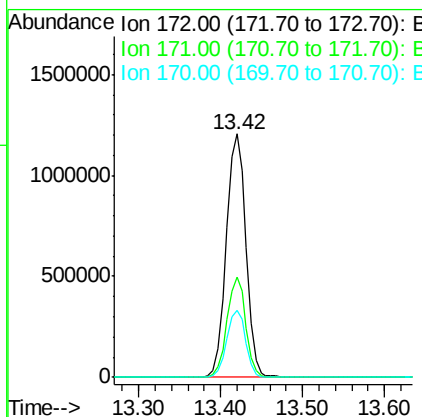
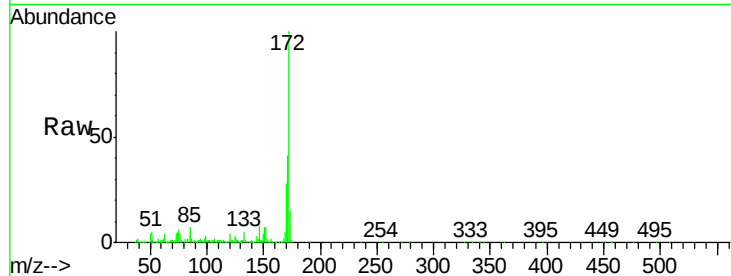




#44
 2-Fluorobiphenyl
 Concen: 83.62 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG023046.D
 Acq: 12 Jul 2016 21:25

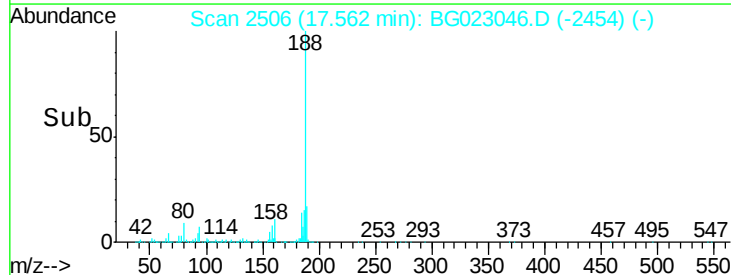
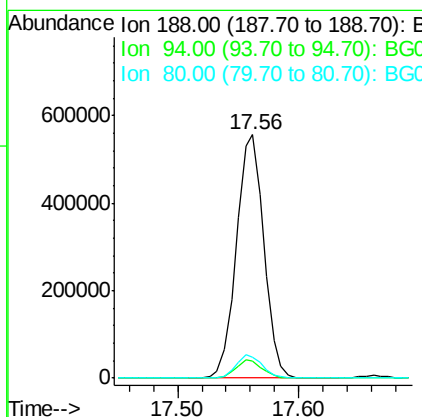
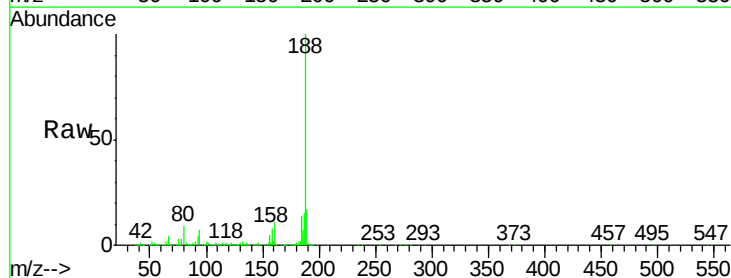
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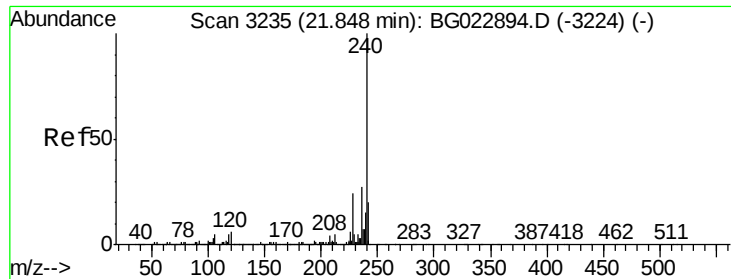
Tgt Ion:172 Resp: 2011016
 Ion Ratio Lower Upper
 172 100
 171 40.9 31.6 47.4
 170 27.6 21.3 31.9



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.56 min Scan# 2506
 Delta R.T. 0.00 min
 Lab File: BG023046.D
 Acq: 12 Jul 2016 21:25

Tgt Ion:188 Resp: 881644
 Ion Ratio Lower Upper
 188 100
 94 7.2 5.2 7.8
 80 8.7 7.2 10.8

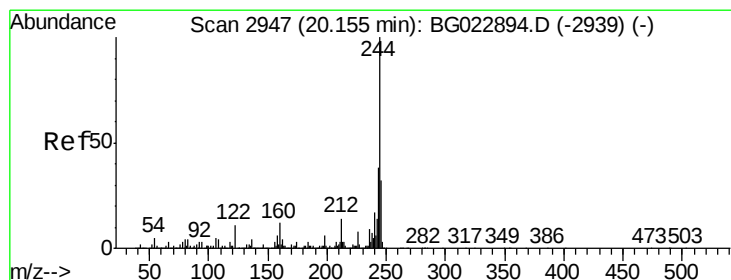
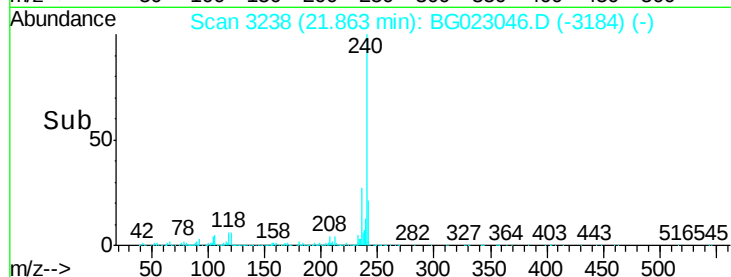
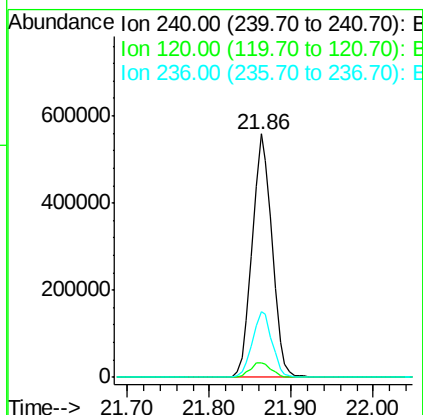
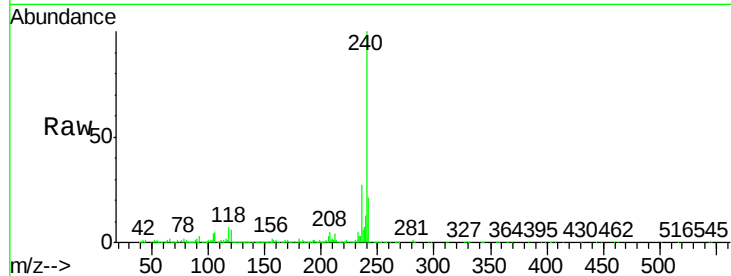




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.86 min Scan# 3238
 Delta R.T. 0.02 min
 Lab File: BG023046.D
 Acq: 12 Jul 2016 21:25

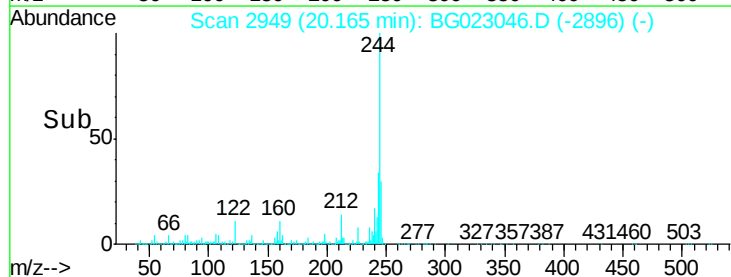
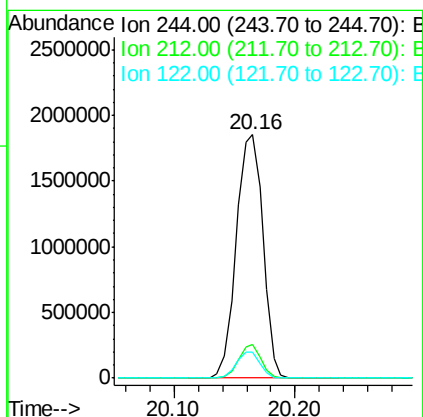
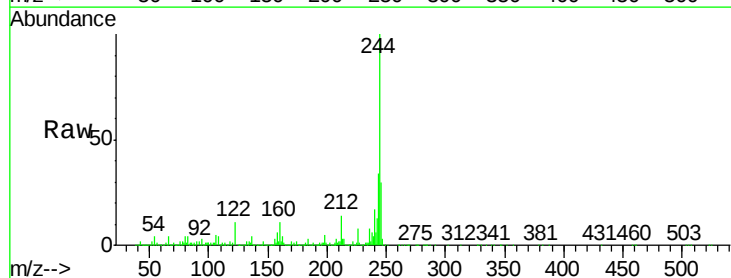
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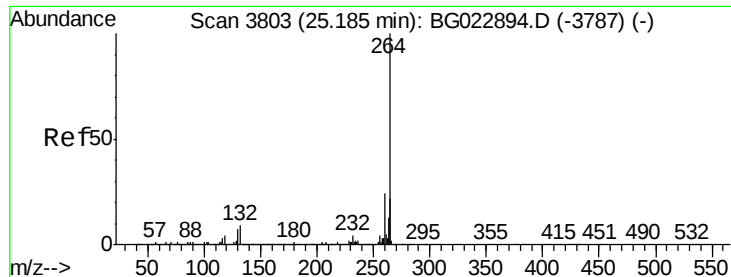
Tgt Ion:240 Resp: 943862
 Ion Ratio Lower Upper
 240 100
 120 5.9 4.1 6.1
 236 27.2 21.1 31.7



#78
 Terphenyl-d14
 Concen: 104.60 ng
 RT: 20.16 min Scan# 2949
 Delta R.T. 0.01 min
 Lab File: BG023046.D
 Acq: 12 Jul 2016 21:25

Tgt Ion:244 Resp: 2850931
 Ion Ratio Lower Upper
 244 100
 212 13.6 10.8 16.2
 122 10.9 8.0 12.0





#86

Perylene-d12

Concen: 20.00 ng

RT: 25.25 min Scan# 3815

Delta R.T. 0.07 min

Lab File: BG023046.D

Acq: 12 Jul 2016 21:25

Instrument :

BNA_G

ClientSampleId :

PB92070BL

Tgt Ion: 264 Resp: 937344

Ion Ratio Lower Upper

264 100

260 25.7 18.4 27.6

265 20.8 18.9 28.3

