

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071116\
 Data File : BG023012.D
 Acq On : 11 Jul 2016 22:38
 Operator : UM/SJ
 Sample : H3967-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S22-0006

Quant Time: Jul 12 03:52:44 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 16:51:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	91140	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	469789	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	373471	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	841694	20.00	ng	0.00
75) Chrysene-d12	21.86	240	937977	20.00	ng	0.01
86) Perylene-d12	25.24	264	934486	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	323479	58.05	ng	0.00
7) Phenol-d6	7.30	99	330851	37.91	ng	0.00
23) Nitrobenzene-d5	9.33	82	941132	85.78	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	730093	108.77	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1998144	84.27	ng	0.00
78) Terphenyl-d14	20.15	244	2788753	101.55	ng	0.00

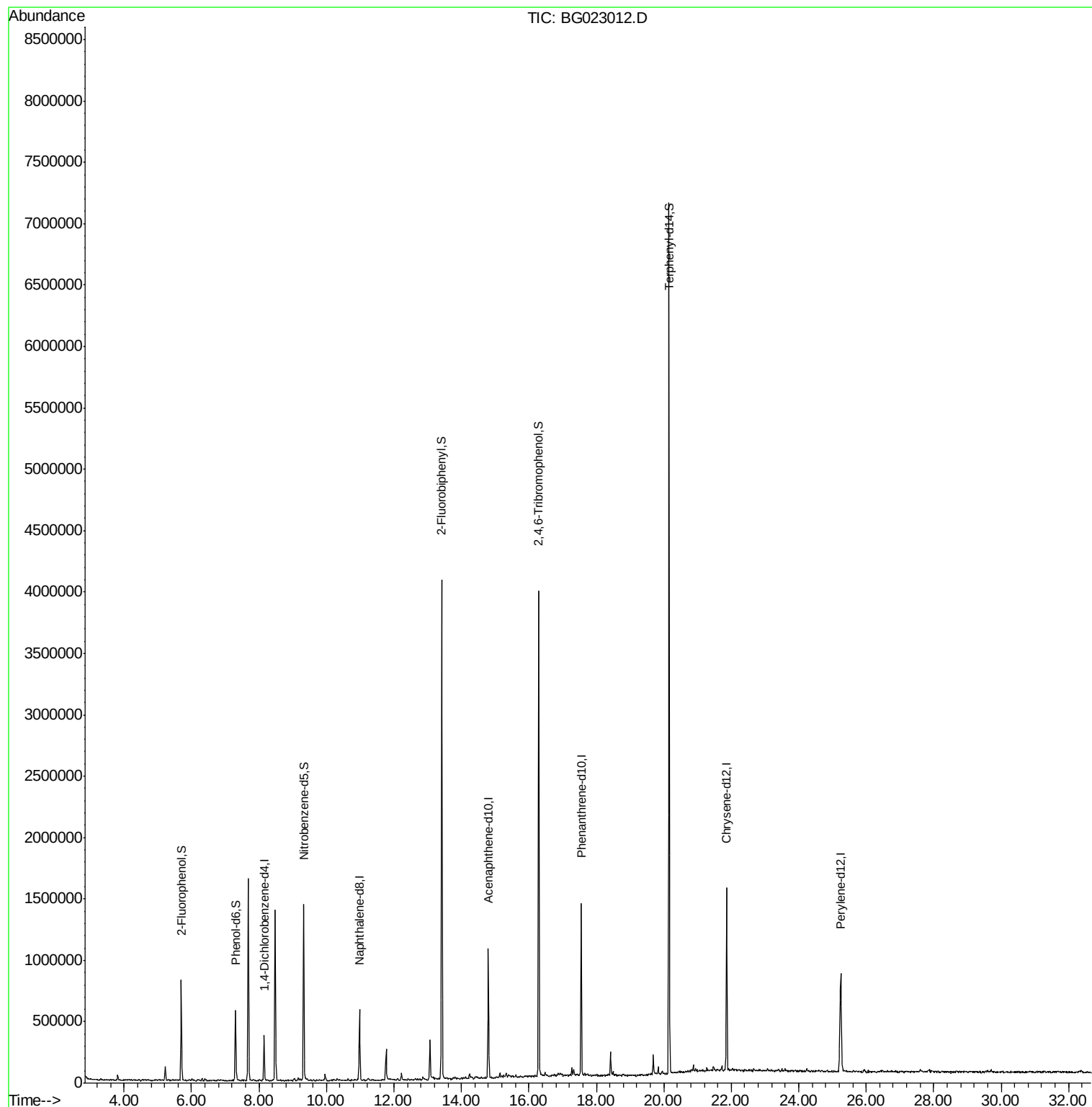
Target Compounds Qvalue

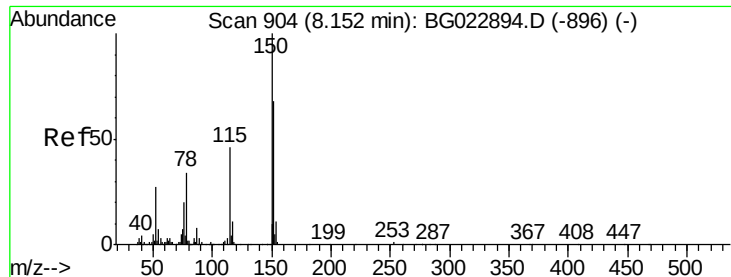
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 904

Delta R.T. -0.00 min

Lab File: BG023012.D

Acq: 11 Jul 2016 22:38

Instrument :

BNA_G

ClientSampleId :

S22-0006

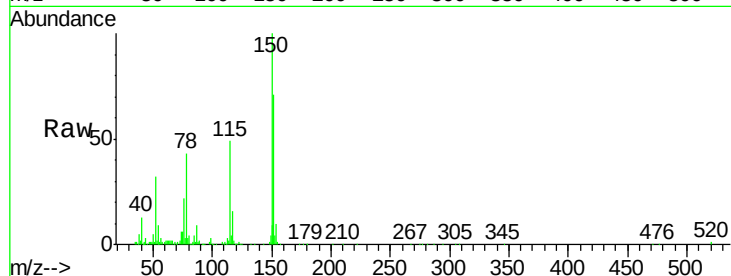
Tot Ion:152 Resp: 91140

Ion Ratio Lower Upper

152 100

150 141.6 144.7 217.1#

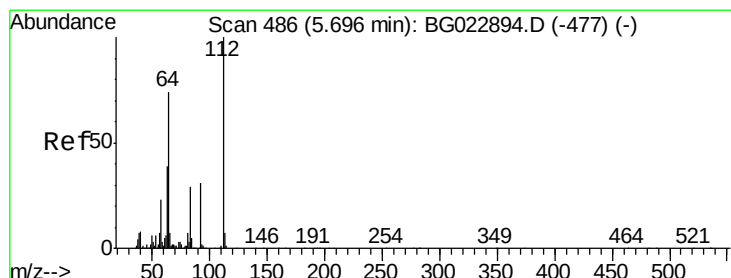
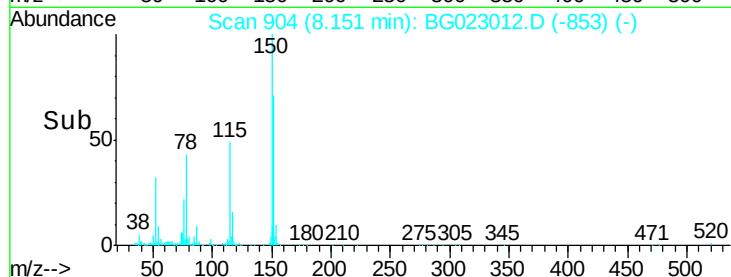
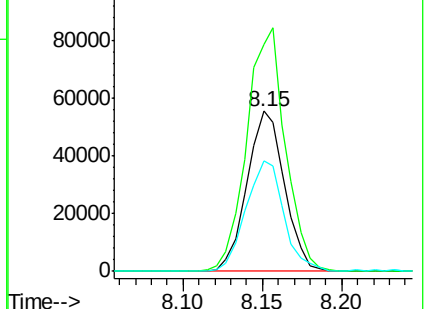
115 69.1 64.0 96.0



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: 58.05 ng

RT: 5.69 min Scan# 486

Delta R.T. -0.00 min

Lab File: BG023012.D

Acq: 11 Jul 2016 22:38

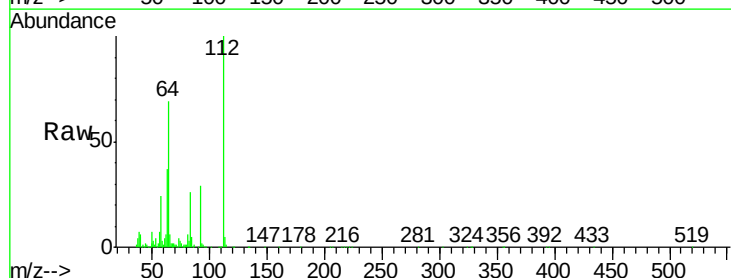
Tgt Ion:112 Resp: 323479

Ion Ratio Lower Upper

112 100

64 69.2 59.0 88.4

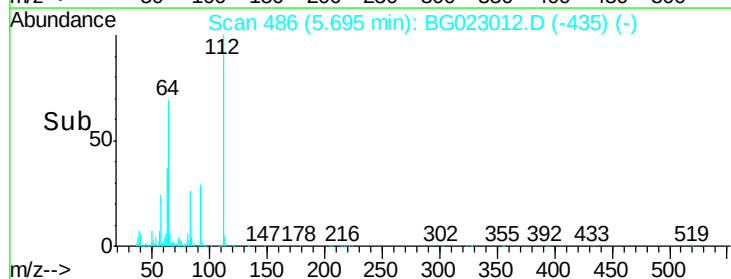
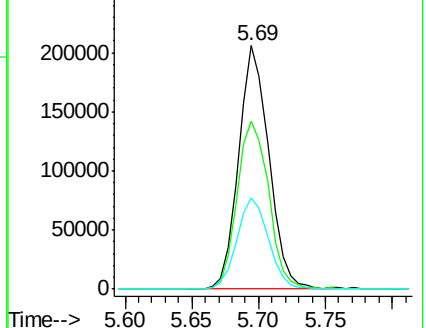
63 37.4 37.8 56.8#

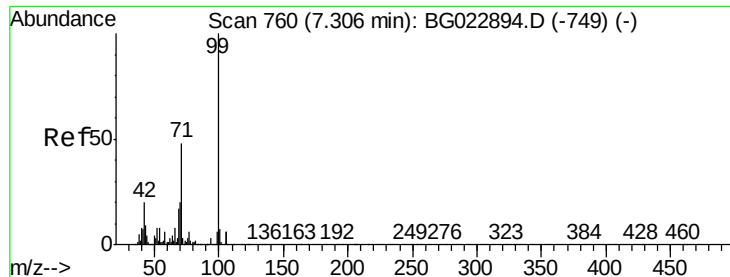


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 37.91 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG023012.D

Acq: 11 Jul 2016 22:38

Instrument :

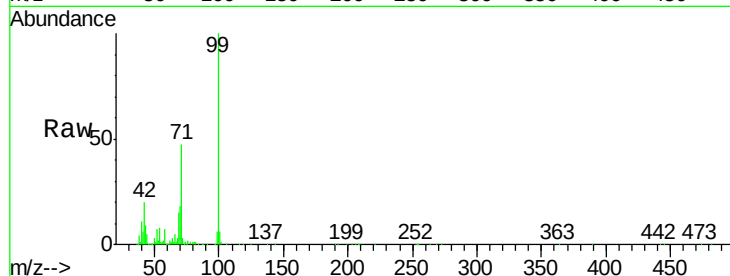
BNA_G

ClientSampleId :

S22-0006

Tot Ion: 99 Resp: 330851

Ion	Ratio	Lower	Upper
99	100		
42	19.8	17.8	26.6
71	47.0	41.5	62.3

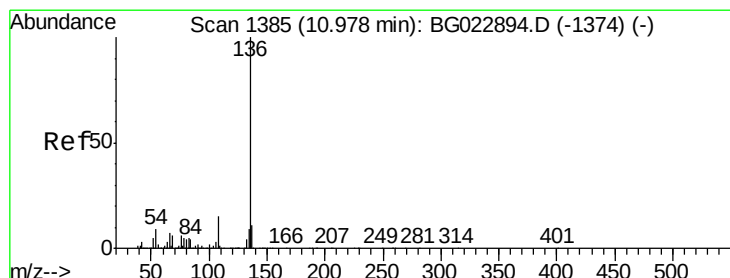
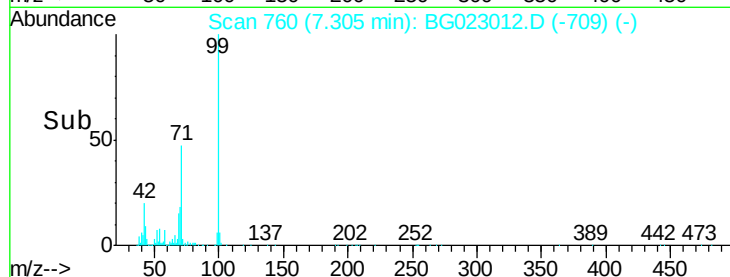
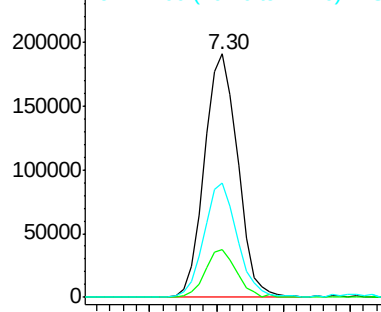


Abundance

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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1386

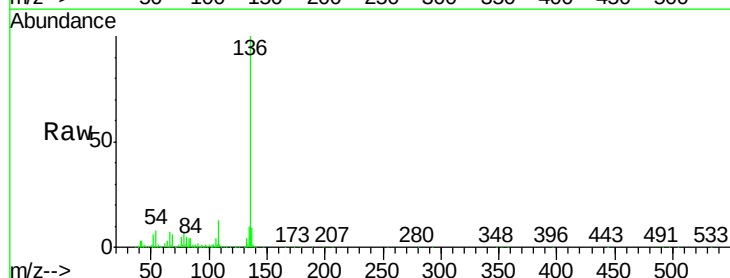
Delta R.T. 0.00 min

Lab File: BG023012.D

Acq: 11 Jul 2016 22:38

Tgt Ion: 136 Resp: 469789

Ion	Ratio	Lower	Upper
136	100		
137	8.7	9.6	14.4#
54	7.7	7.3	10.9
68	5.7	5.3	7.9



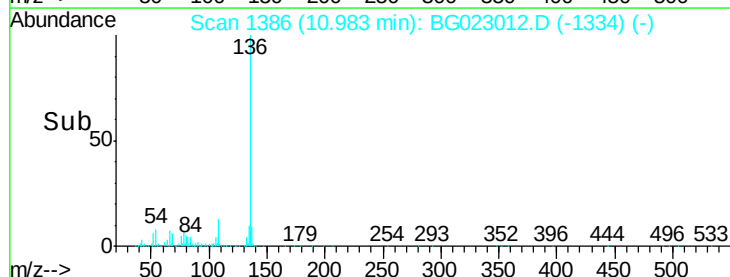
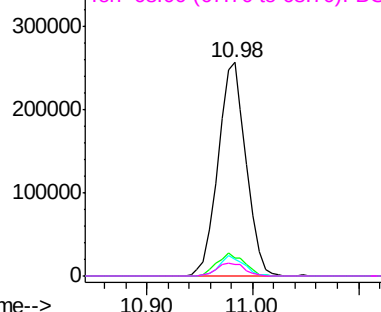
Abundance

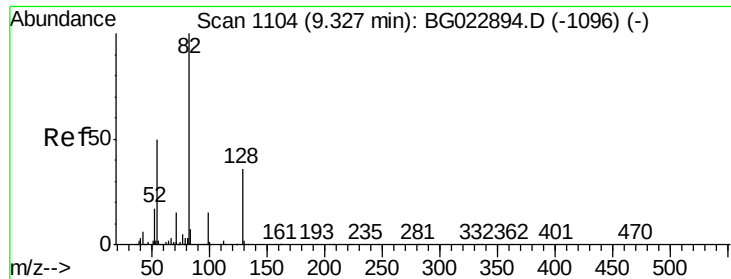
Ion 136.00 (135.70 to 136.70): BGC

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

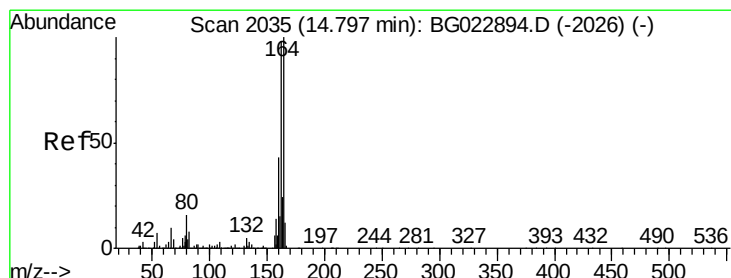
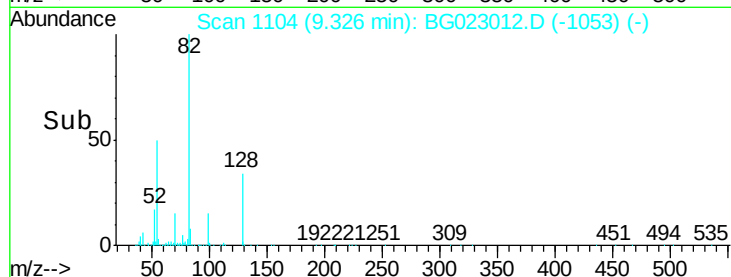
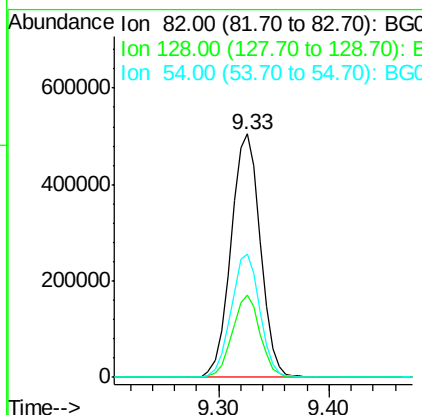
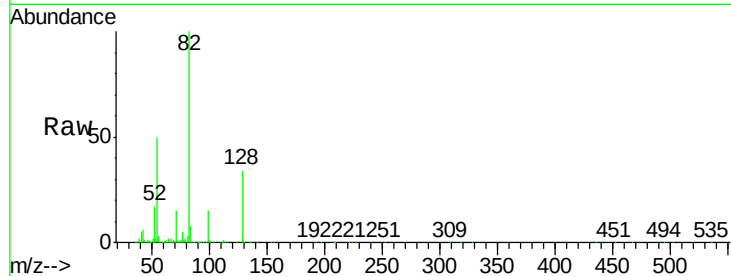




#23
 Nitrobenzene-d5
 Concen: 85.78 ng
 RT: 9.33 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG023012.D
 Acq: 11 Jul 2016 22:38

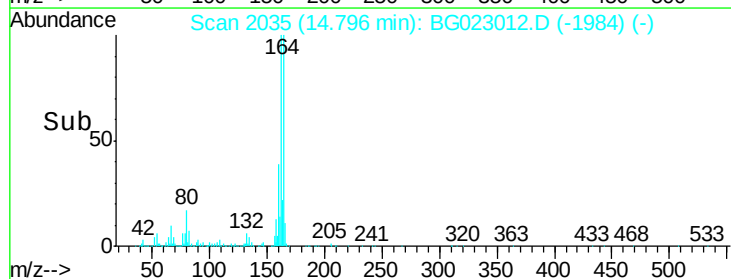
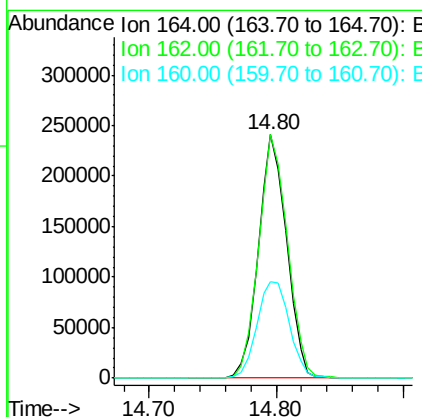
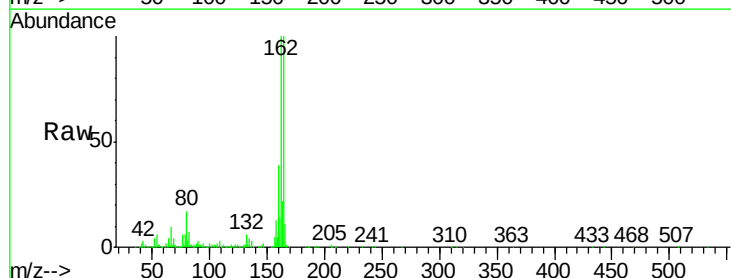
Instrument :
 BNA_G
 ClientSampleId :
 S22-0006

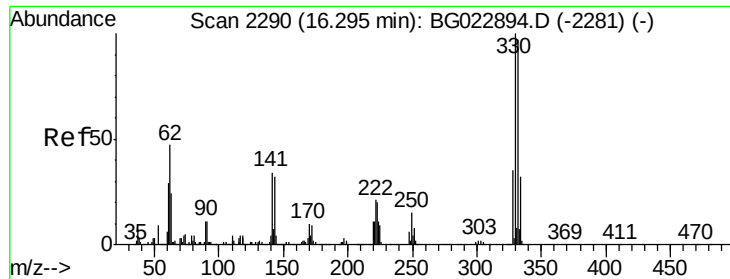
Tot Ion	82	Resp	941132
Ion Ratio	Lower	Upper	
82	100		
128	33.6	24.4	36.6
54	50.4	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BG023012.D
 Acq: 11 Jul 2016 22:38

Tgt Ion	164	Resp	373471
Ion Ratio	Lower	Upper	
164	100		
162	100.1	87.7	131.5
160	39.4	37.2	55.8





#41

2,4,6-Tribromophenol

Concen: 108.77 ng

RT: 16.29 min Scan# 2289

Delta R.T. -0.01 min

Lab File: BG023012.D

Acq: 11 Jul 2016 22:38

Instrument :

BNA_G

ClientSampleId :

S22-0006

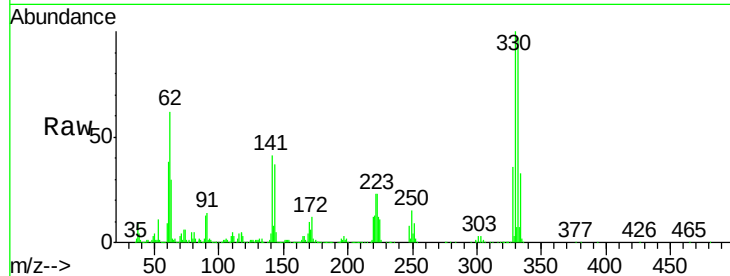
Tot Ion:330 Resp: 730093

Ion Ratio Lower Upper

330 100

332 96.0 77.4 116.2

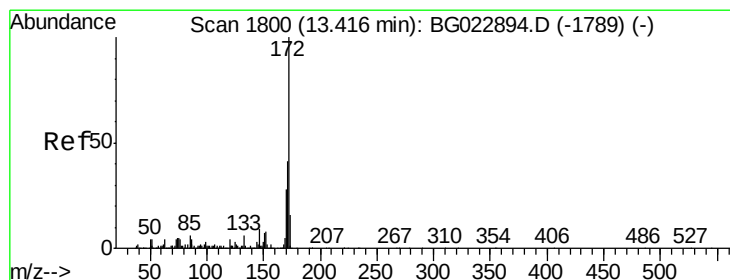
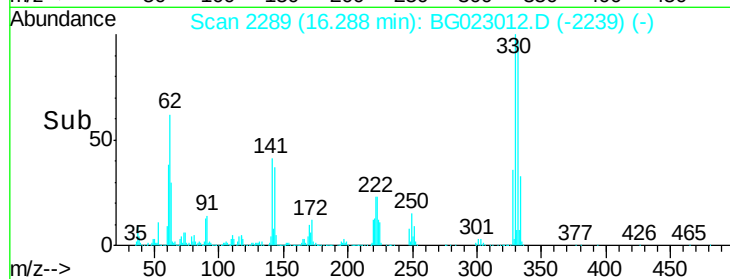
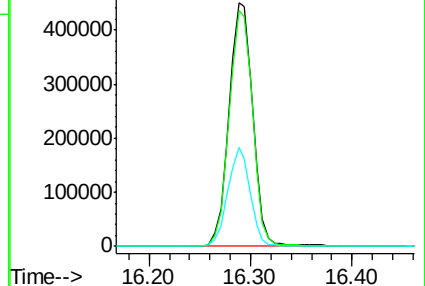
141 38.4 31.7 47.5



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: 84.27 ng

RT: 13.42 min Scan# 1801

Delta R.T. 0.00 min

Lab File: BG023012.D

Acq: 11 Jul 2016 22:38

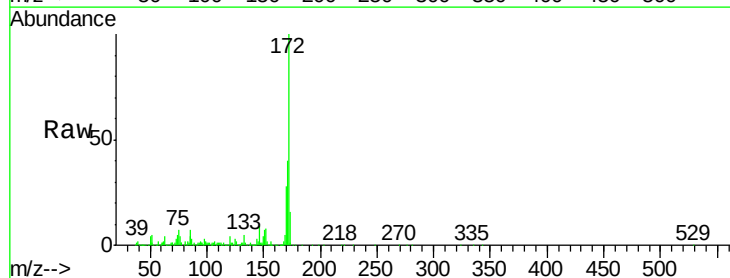
Tgt Ion:172 Resp: 1998144

Ion Ratio Lower Upper

172 100

171 39.6 31.6 47.4

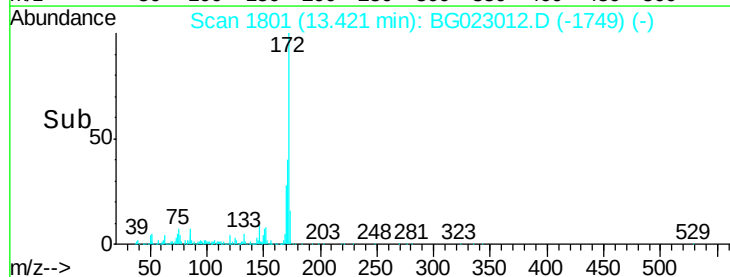
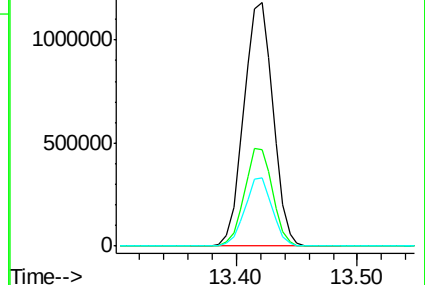
170 28.0 21.3 31.9

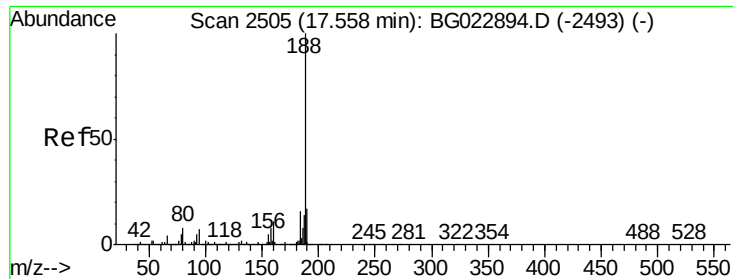


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.55 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG023012.D

Acq: 11 Jul 2016 22:38

Instrument :

BNA_G

ClientSampleId :

S22-0006

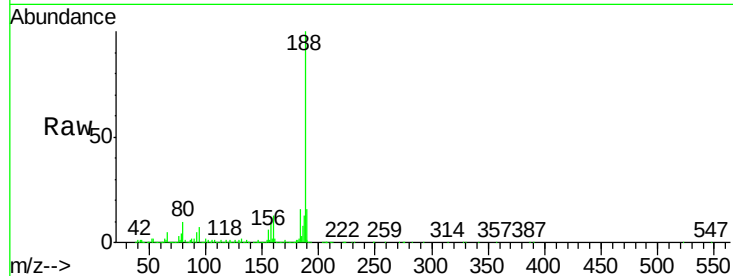
Tot Ion:188 Resp: 841694

Ion Ratio Lower Upper

188 100

94 7.2 5.2 7.8

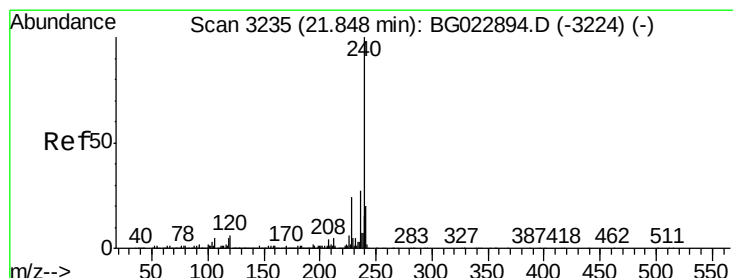
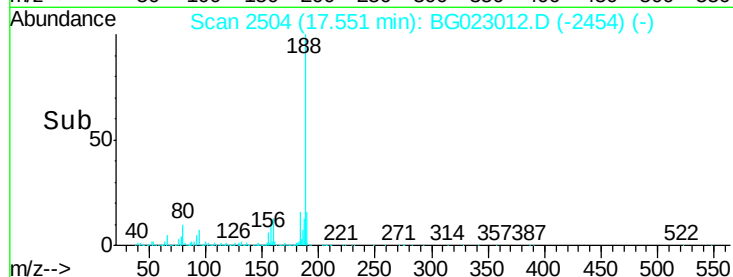
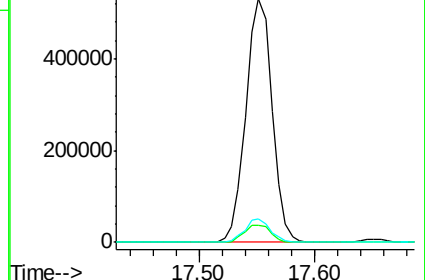
80 9.6 7.2 10.8



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: 21.86 min Scan# 3237

Delta R.T. 0.01 min

Lab File: BG023012.D

Acq: 11 Jul 2016 22:38

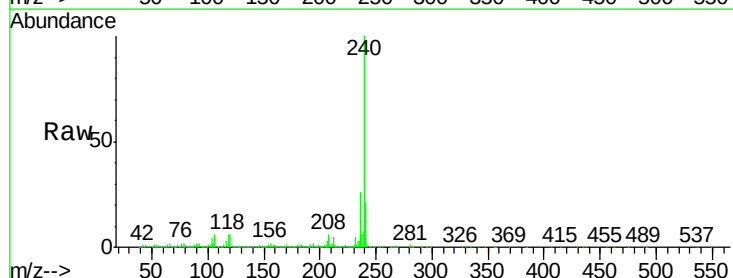
Tgt Ion:240 Resp: 937977

Ion Ratio Lower Upper

240 100

120 6.5 4.1 6.1#

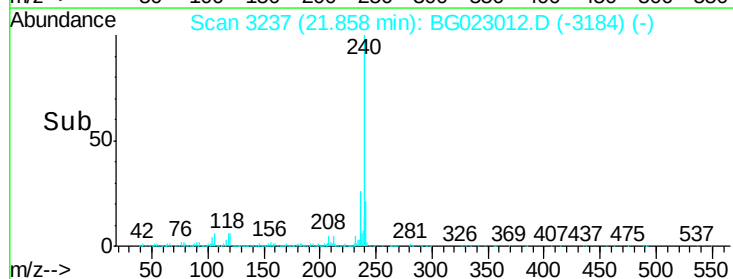
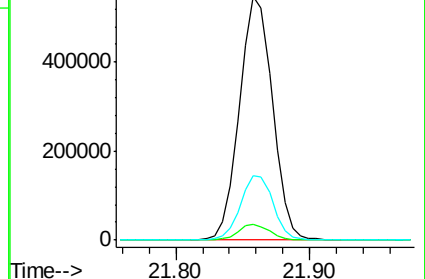
236 26.5 21.1 31.7

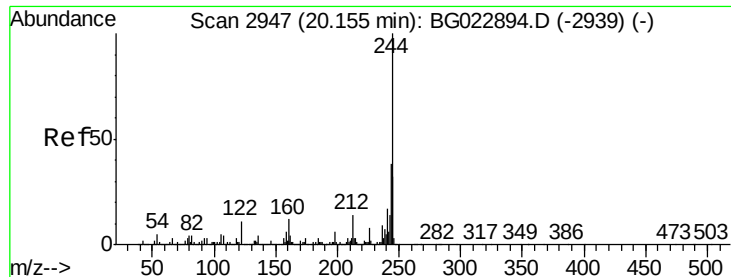


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 101.55 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG023012.D

Acq: 11 Jul 2016 22:38

Instrument :

BNA_G

ClientSampleId :

S22-0006

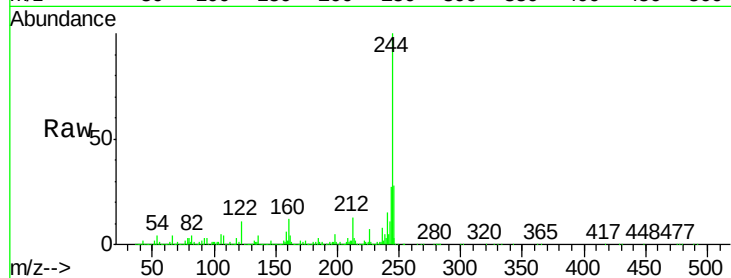
Tot Ion:244 Resp: 2788753

Ion Ratio Lower Upper

244 100

212 13.4 10.8 16.2

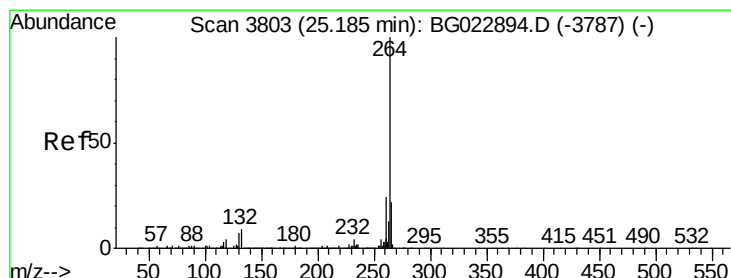
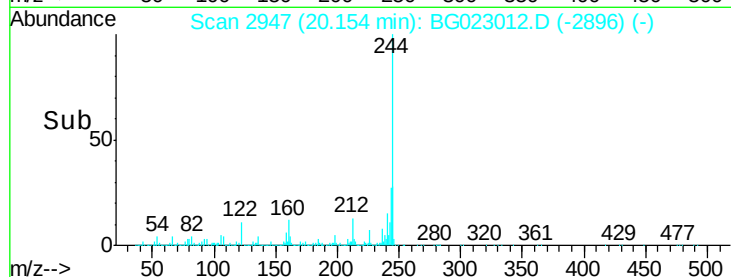
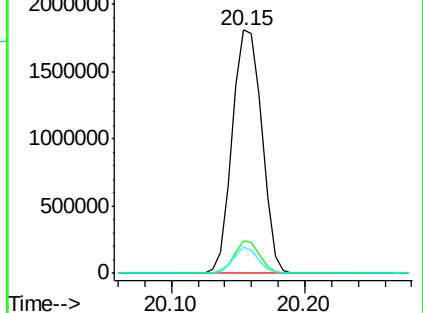
122 10.5 8.0 12.0



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: 25.24 min Scan# 3813

Delta R.T. 0.06 min

Lab File: BG023012.D

Acq: 11 Jul 2016 22:38

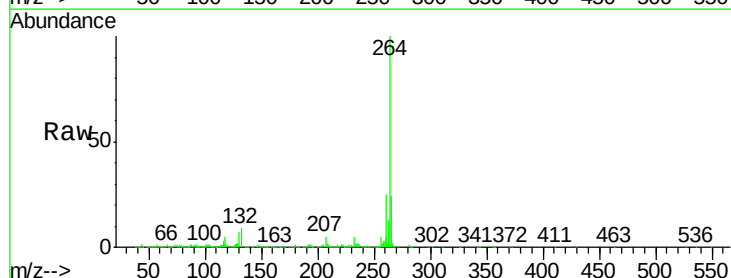
Tgt Ion:264 Resp: 934486

Ion Ratio Lower Upper

264 100

260 25.3 18.4 27.6

265 24.2 18.9 28.3



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

