

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071116\
 Data File : BG023023.D
 Acq On : 12 Jul 2016 5:58
 Operator : UM/SJ
 Sample : H3963-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICF-DR-01

Quant Time: Jul 13 02:04:35 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

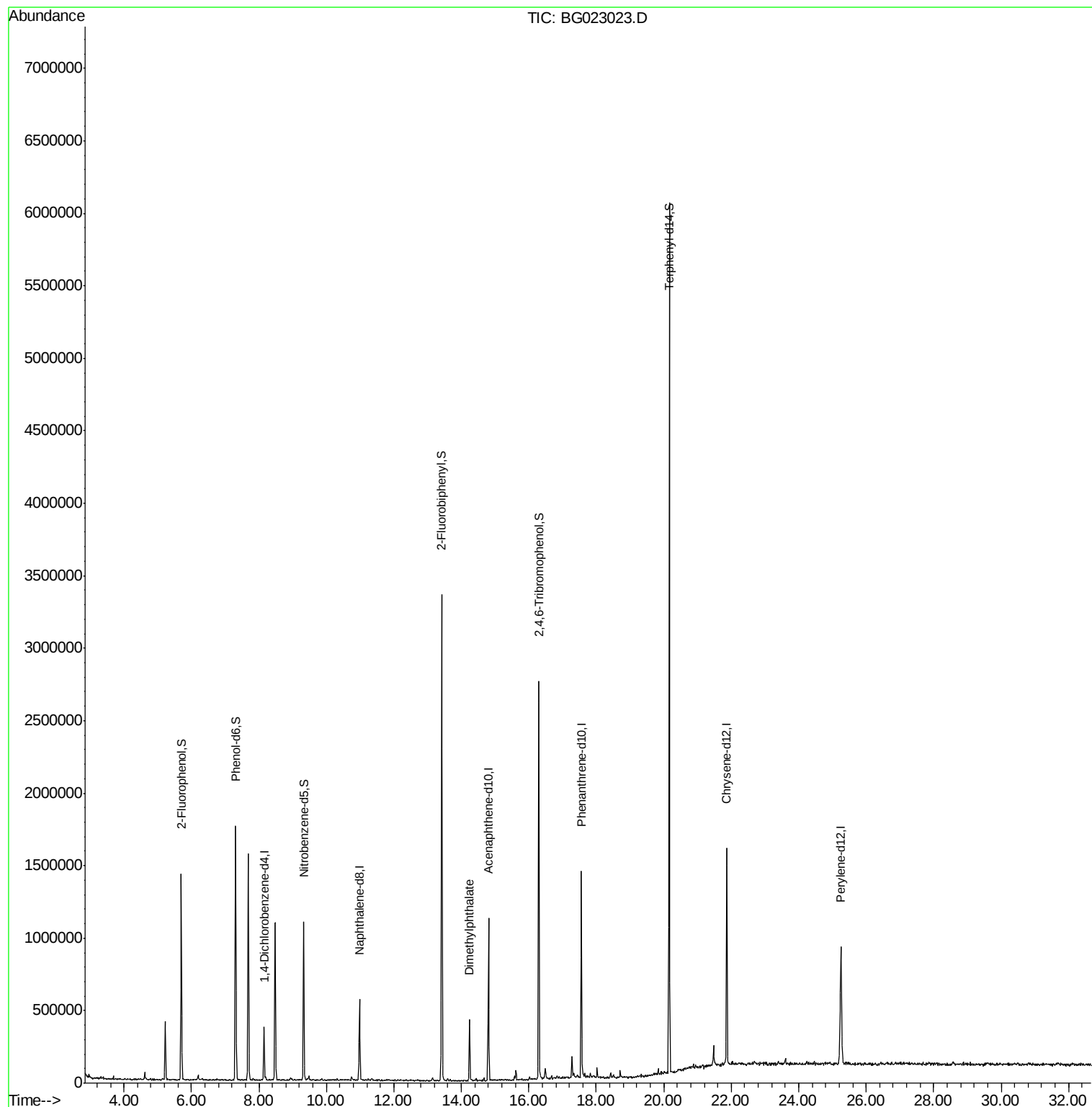
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	89735	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	447322	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	378204	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	849530	20.00	ng	0.00
75) Chrysene-d12	21.87	240	947203	20.00	ng	0.02
86) Perylene-d12	25.25	264	955754	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	564201	102.83	ng	0.00
7) Phenol-d6	7.31	99	972196	113.13	ng	0.00
23) Nitrobenzene-d5	9.32	82	709053	67.87	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	514926	75.76	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1631847	67.96	ng	0.00
78) Terphenyl-d14	20.16	244	2343211	75.02	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.24	163	259501	8.40	ng	Qvalue 99

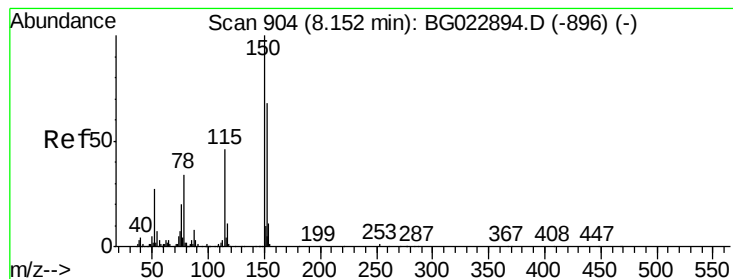
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG023023.D

Acq: 12 Jul 2016 5:58

Instrument :

BNA_G

ClientSampleId :

ICF-DR-01

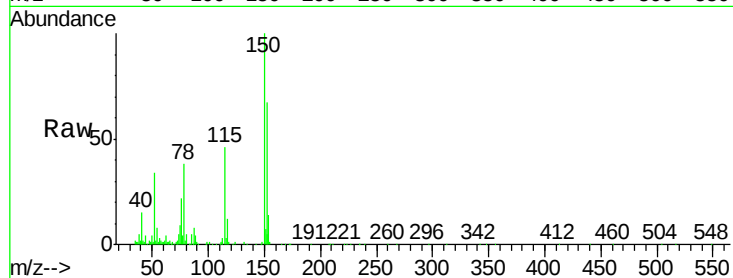
Tgt Ion:152 Resp: 89735

Ion Ratio Lower Upper

152 100

150 148.3 144.7 217.1

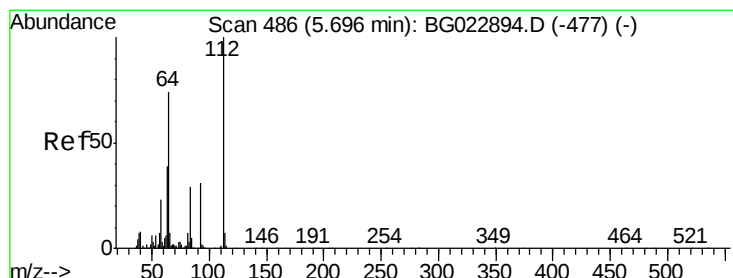
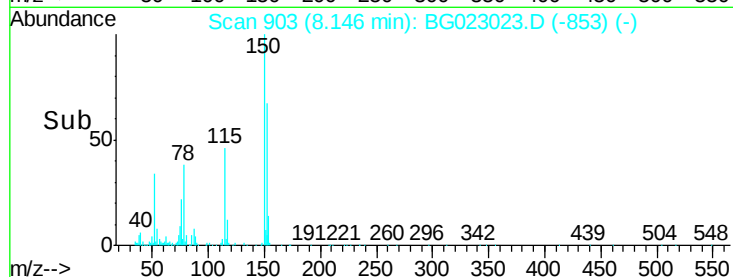
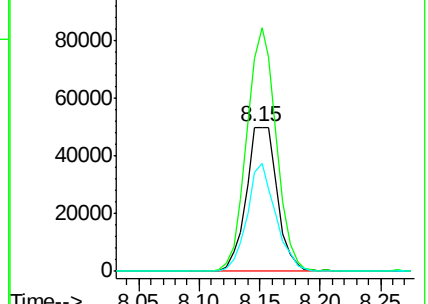
115 68.8 64.0 96.0



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: 102.83 ng

RT: 5.70 min Scan# 486

Delta R.T. 0.00 min

Lab File: BG023023.D

Acq: 12 Jul 2016 5:58

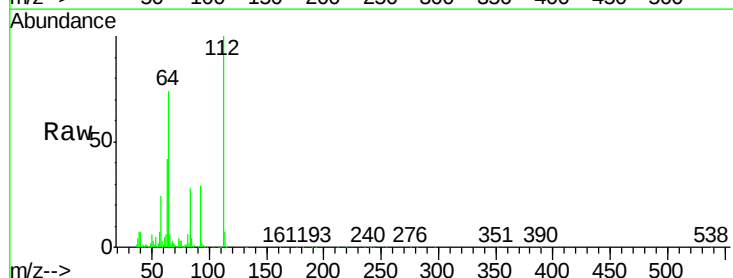
Tgt Ion:112 Resp: 564201

Ion Ratio Lower Upper

112 100

64 74.1 59.0 88.4

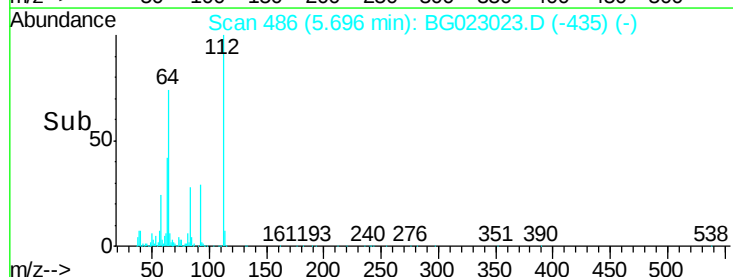
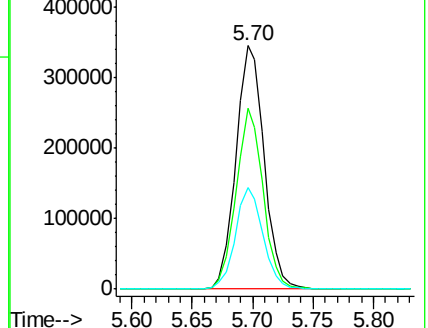
63 41.9 37.8 56.8

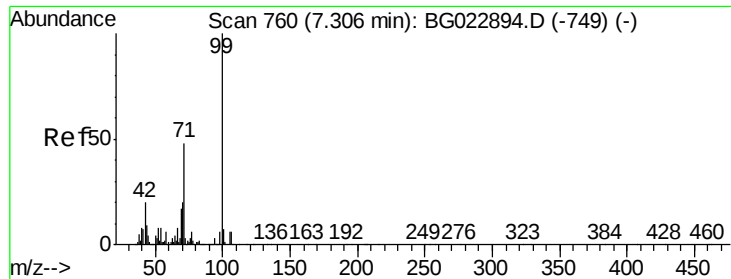


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 113.13 ng

RT: 7.31 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG023023.D

Acq: 12 Jul 2016 5:58

Instrument :

BNA_G

ClientSampleId :

ICF-DR-01

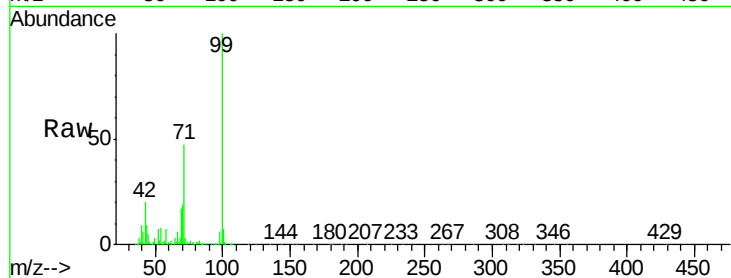
Tgt Ion: 99 Resp: 972196

Ion Ratio Lower Upper

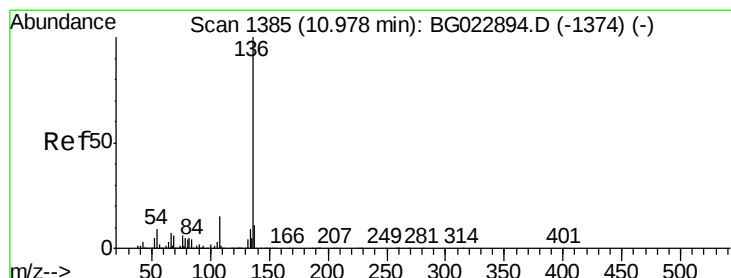
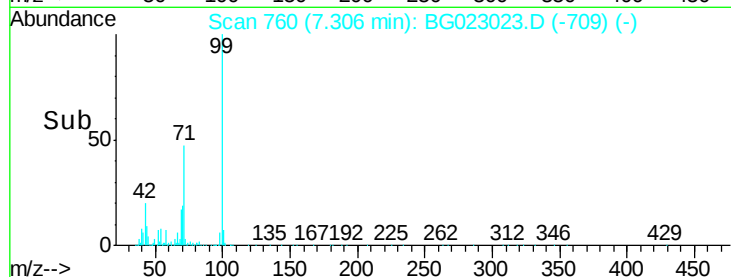
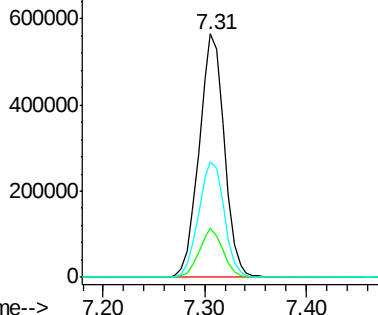
99 100

42 20.0 17.8 26.6

71 47.4 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# 1385

Delta R.T. -0.00 min

Lab File: BG023023.D

Acq: 12 Jul 2016 5:58

Tgt Ion: 136 Resp: 447322

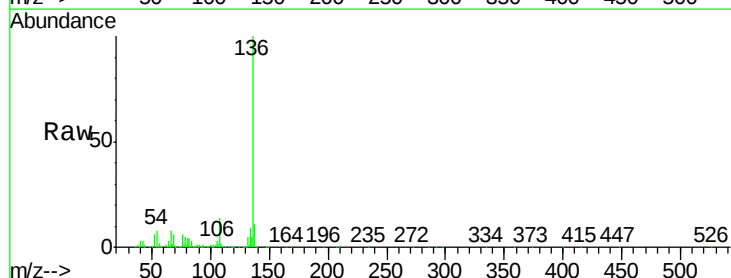
Ion Ratio Lower Upper

136 100

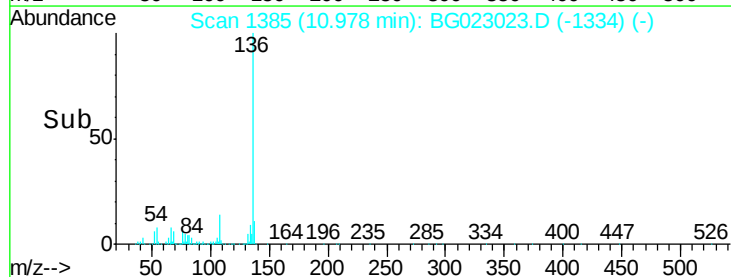
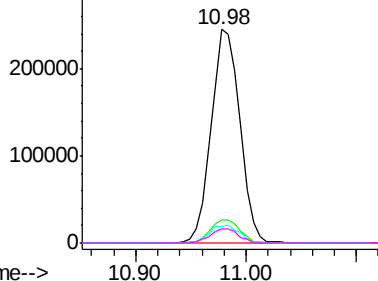
137 10.7 9.6 14.4

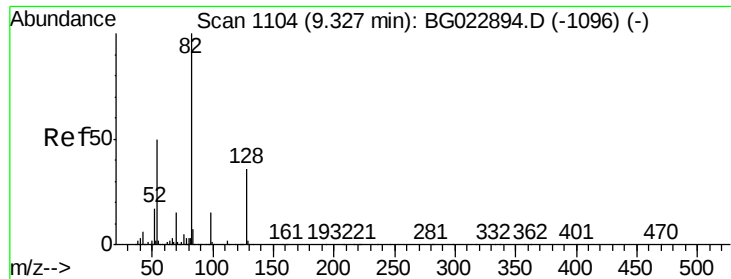
54 8.0 7.3 10.9

68 6.3 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

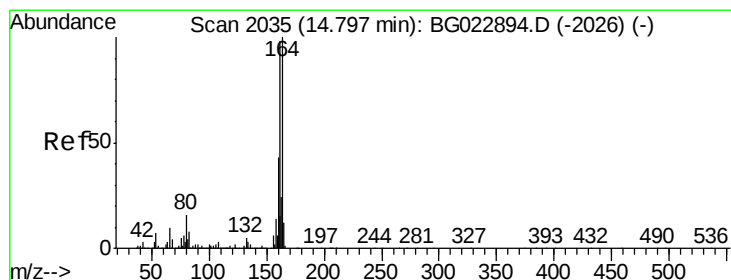
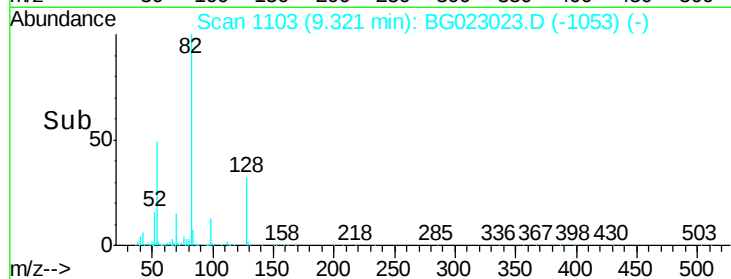
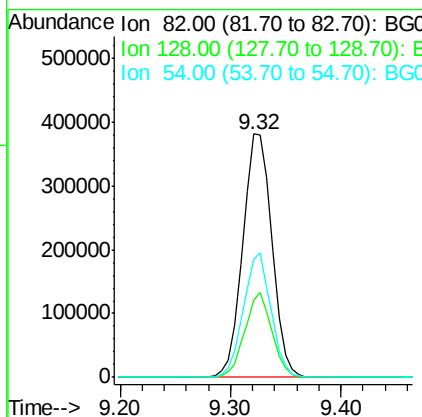
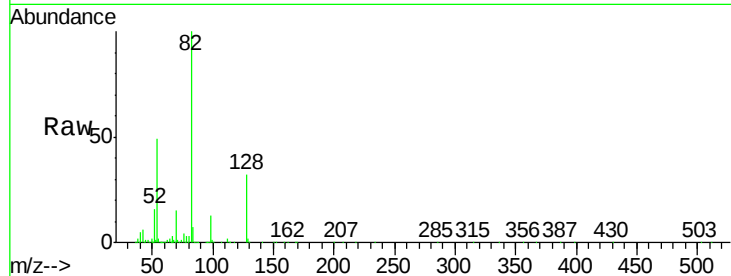




#23
 Nitrobenzene-d5
 Concen: 67.87 ng
 RT: 9.32 min Scan# 1103
 Delta R.T. -0.01 min
 Lab File: BG023023.D
 Acq: 12 Jul 2016 5:58

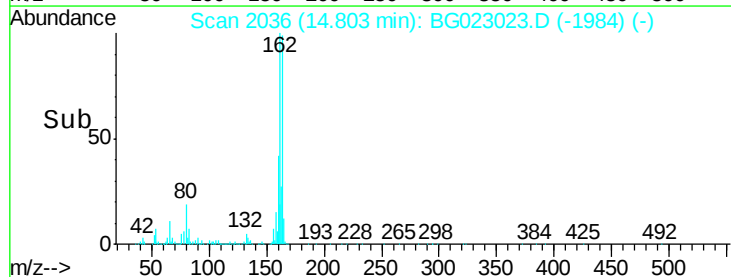
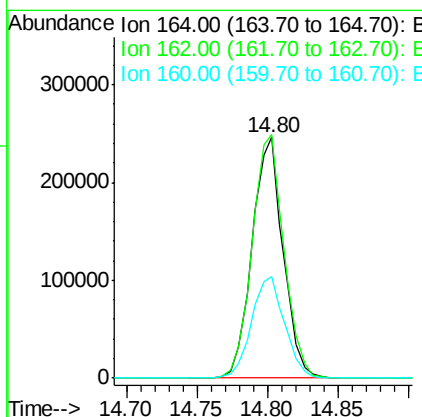
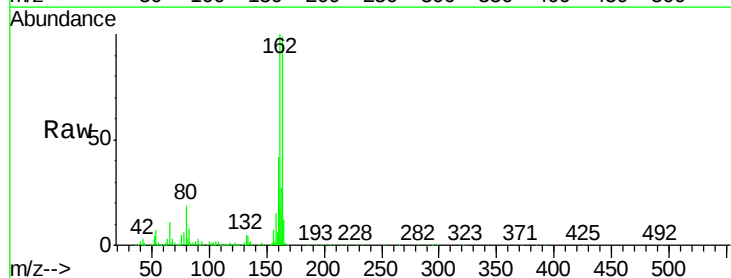
Instrument :
 BNA_G
 ClientSampleId :
 ICF-DR-01

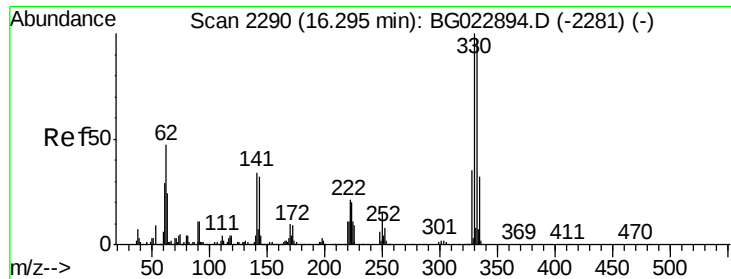
Tgt Ion	Ratio	Lower	Upper
82	100		
128	31.6	24.4	36.6
54	48.6	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: BG023023.D
 Acq: 12 Jul 2016 5:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	87.7	131.5
160	42.1	37.2	55.8





#41

2,4,6-Tribromophenol

Concen: 75.76 ng

RT: 16.30 min Scan# 2290

Delta R.T. -0.00 min

Lab File: BG023023.D

Acq: 12 Jul 2016 5:58

Instrument :

BNA_G

ClientSampleId :

ICF-DR-01

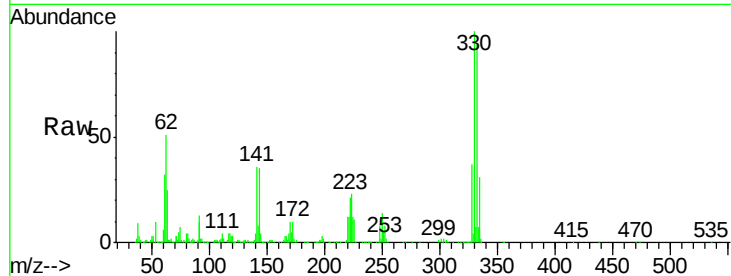
Tgt Ion:330 Resp: 514926

Ion Ratio Lower Upper

330 100

332 95.7 77.4 116.2

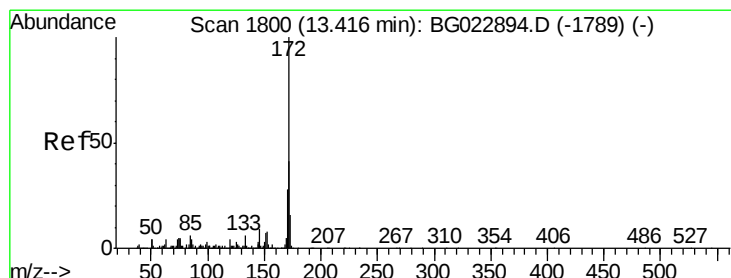
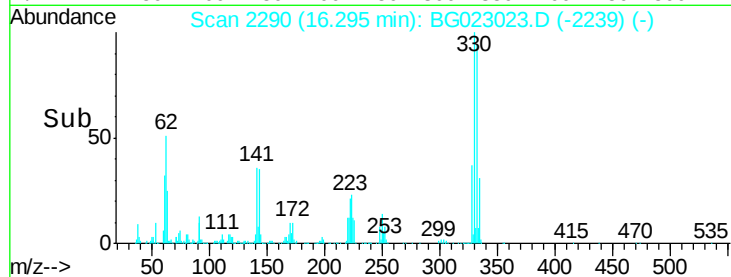
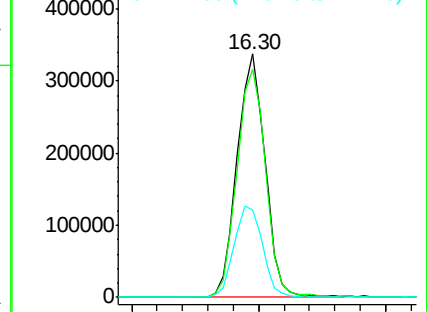
141 38.2 31.7 47.5



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: 67.96 ng

RT: 13.42 min Scan# 1801

Delta R.T. 0.01 min

Lab File: BG023023.D

Acq: 12 Jul 2016 5:58

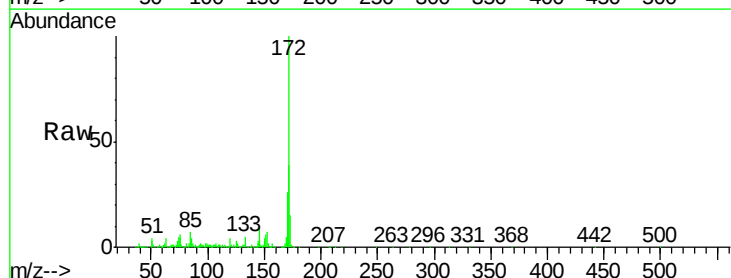
Tgt Ion:172 Resp: 1631847

Ion Ratio Lower Upper

172 100

171 39.5 31.6 47.4

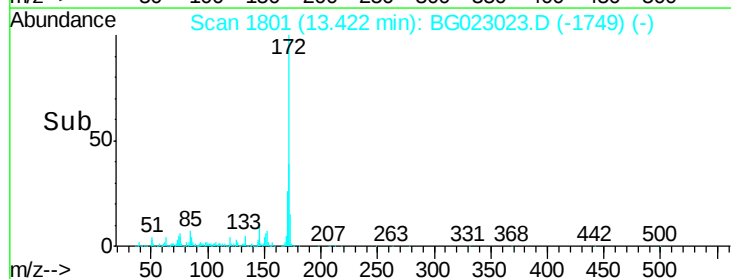
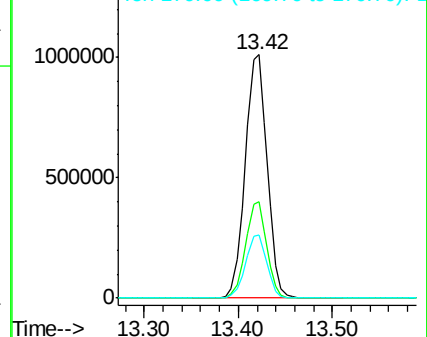
170 26.1 21.3 31.9

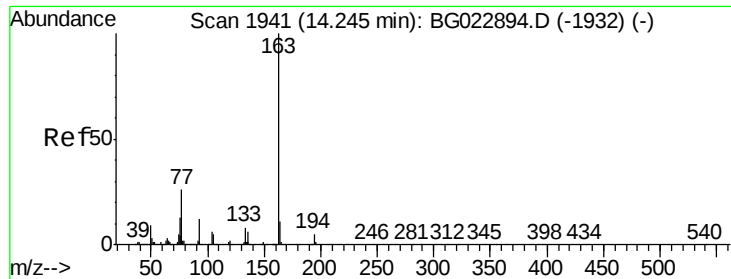


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 8.40 ng

RT: 14.24 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG023023.D

Acq: 12 Jul 2016 5:58

Instrument :

BNA_G

ClientSampleId :

ICF-DR-01

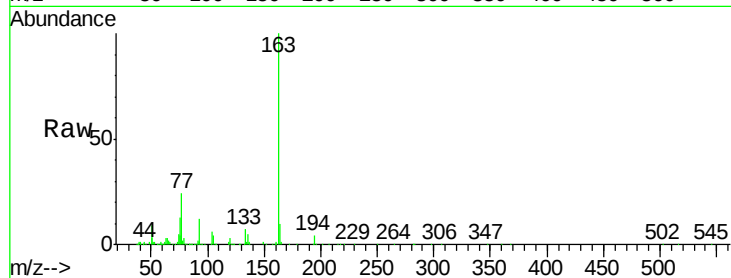
Tgt Ion:163 Resp: 259501

Ion Ratio Lower Upper

163 100

194 3.7 3.6 5.4

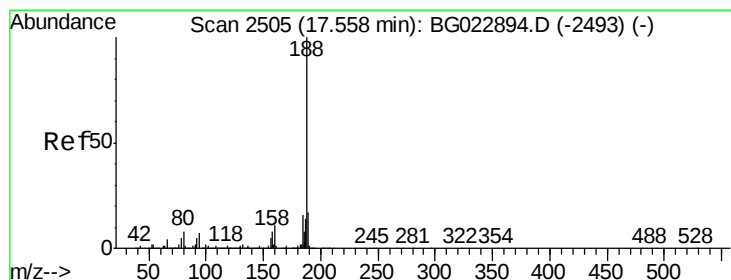
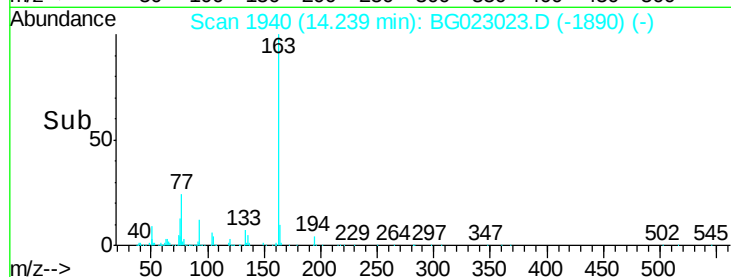
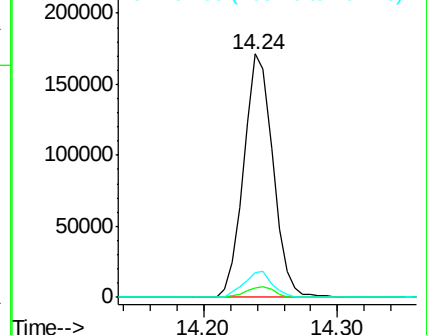
164 10.4 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG023023.D

Acq: 12 Jul 2016 5:58

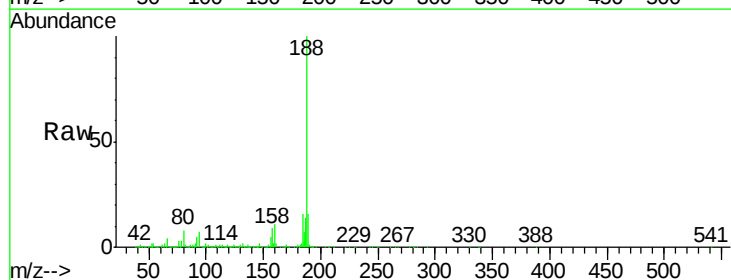
Tgt Ion:188 Resp: 849530

Ion Ratio Lower Upper

188 100

94 6.5 5.2 7.8

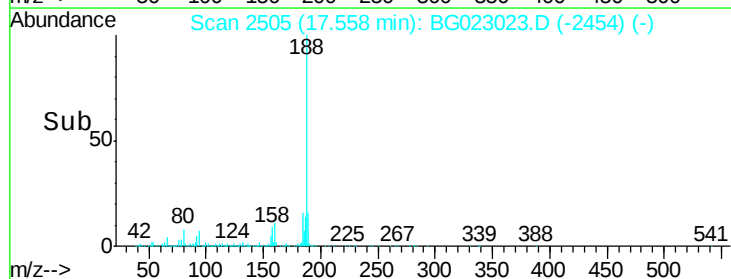
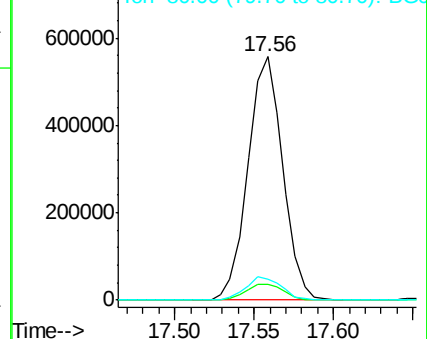
80 8.4 7.2 10.8

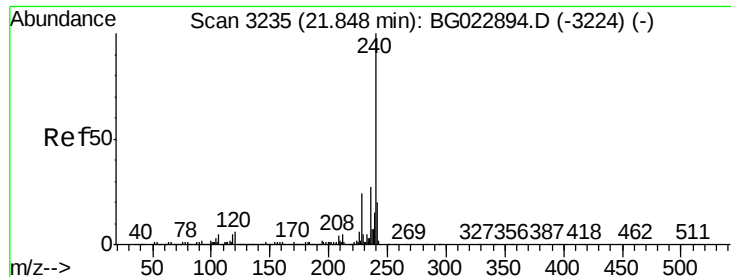


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

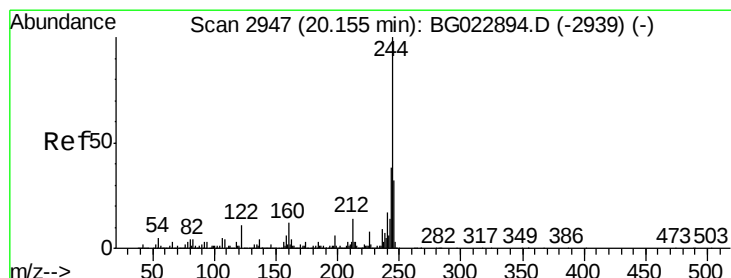
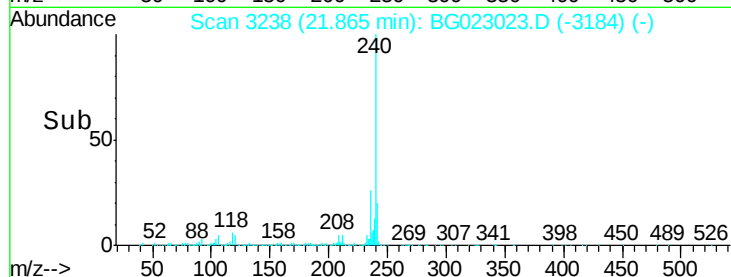
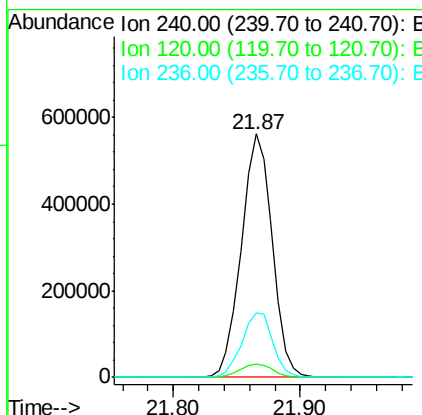
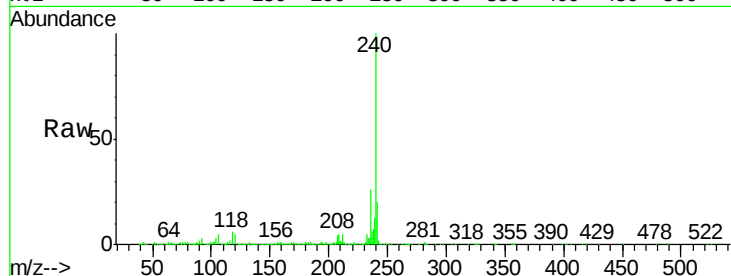




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.87 min Scan# 3238
Delta R.T. 0.02 min
Lab File: BG023023.D
Acq: 12 Jul 2016 5:58

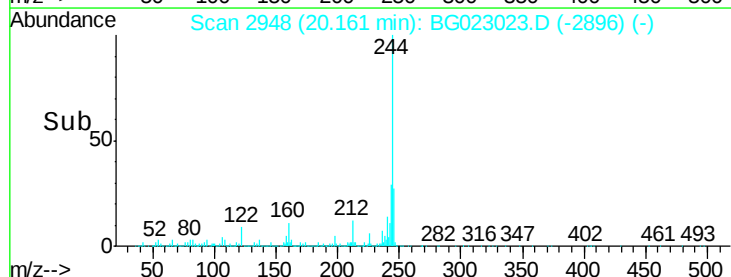
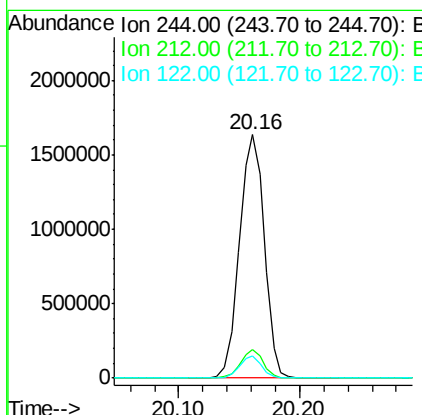
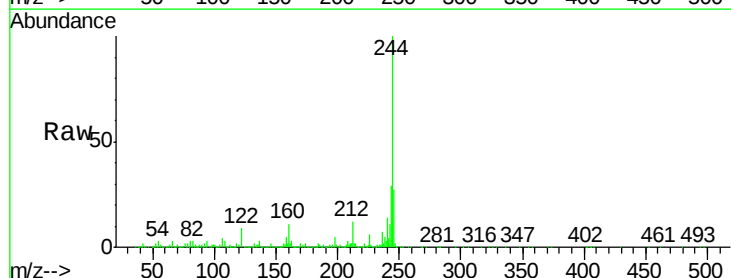
Instrument :
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ICF-DR-01

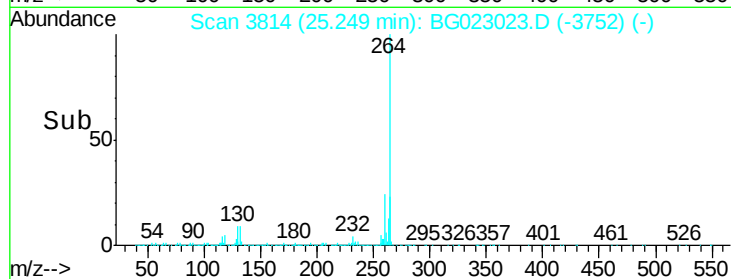
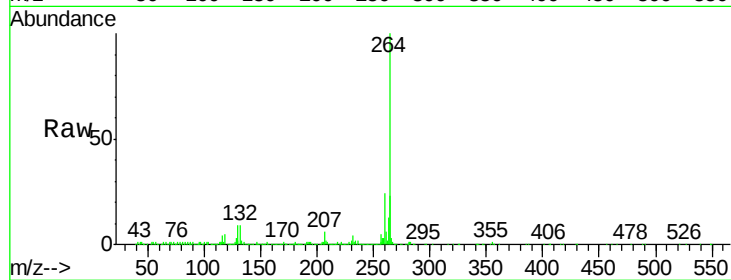
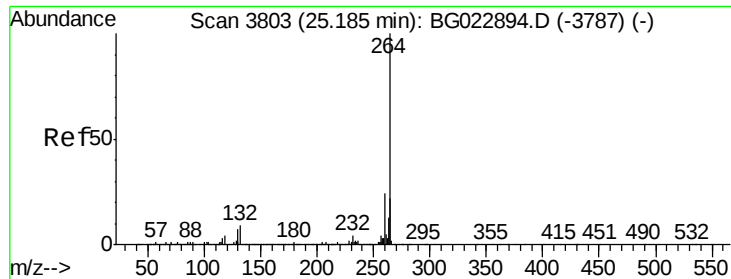
Tgt Ion:240 Resp: 947203
Ion Ratio Lower Upper
240 100
120 5.5 4.1 6.1
236 26.4 21.1 31.7



#78
Terphenyl-d14
Concen: 75.02 ng
RT: 20.16 min Scan# 2948
Delta R.T. 0.01 min
Lab File: BG023023.D
Acq: 12 Jul 2016 5:58

Tgt Ion:244 Resp: 2343211
Ion Ratio Lower Upper
244 100
212 11.9 10.8 16.2
122 9.2 8.0 12.0





#86

Perylene-d12

Concen: 20.00 ng

RT: 25.25 min Scan# 3814

Delta R.T. 0.06 min

Lab File: BG023023.D

Acq: 12 Jul 2016 5:58

Instrument :

BNA_G

ClientSampleId :

ICF-DR-01

Tgt Ion:264 Resp: 955754

Ion Ratio Lower Upper

264 100

260 23.7 18.4 27.6

265 23.1 18.9 28.3

