

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071316\
 Data File : BG023071.D
 Acq On : 13 Jul 2016 15:50
 Operator : UM/SJ
 Sample : H3946-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 M8-B3(6-12)C

Quant Time: Jul 14 00:58:32 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

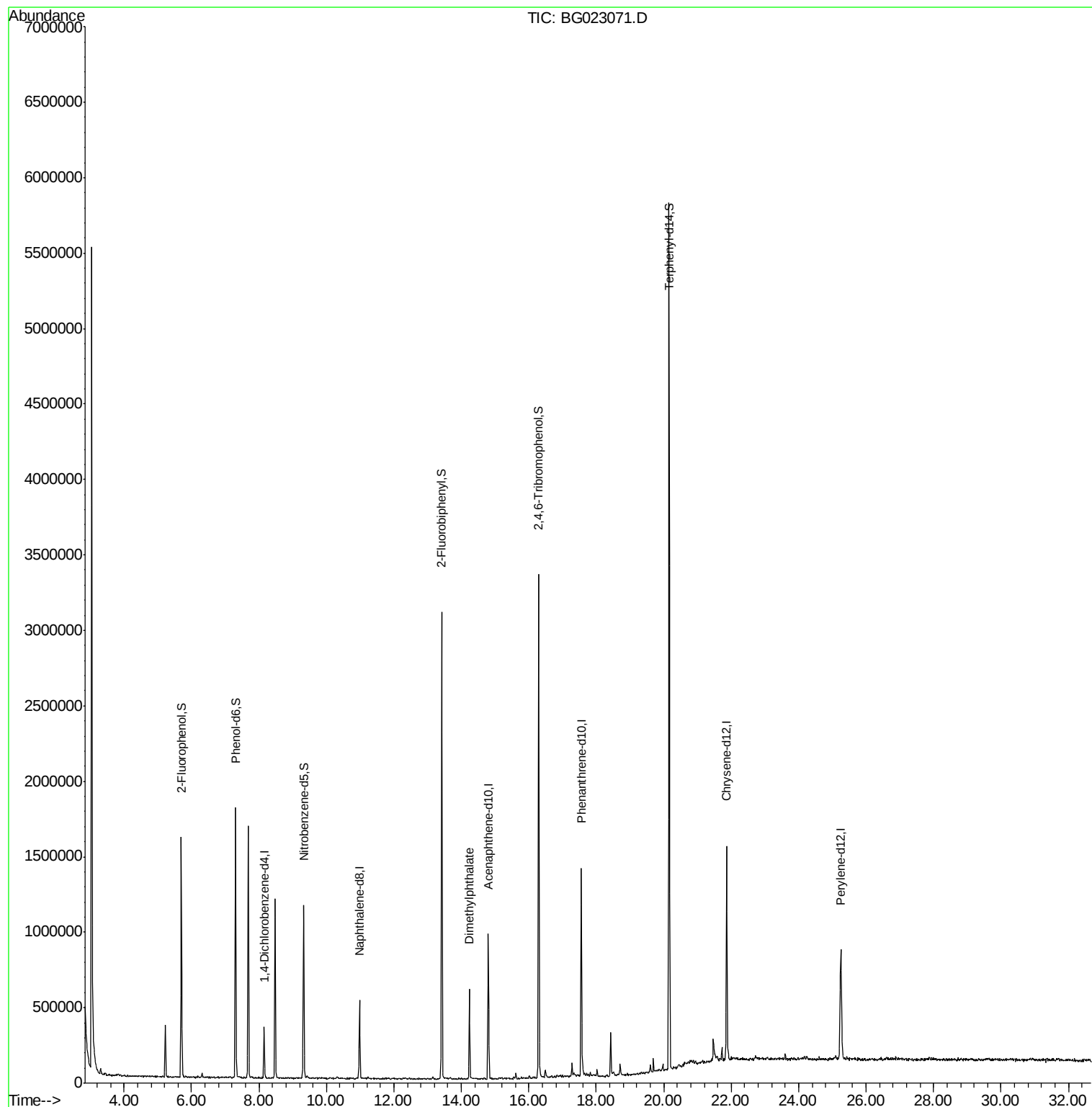
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	89225	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	406714	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	325110	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	824333	20.00	ng	0.00
75) Chrysene-d12	21.86	240	879780	20.00	ng	0.02
86) Perylene-d12	25.25	264	866505	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	647233	118.64	ng	0.00
7) Phenol-d6	7.31	99	1041127	121.85	ng	0.00
23) Nitrobenzene-d5	9.33	82	739347	77.84	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	612768	104.87	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1535319	74.39	ng	0.00
78) Terphenyl-d14	20.16	244	2295434	81.45	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.24	163	391064	14.73	ng	Qvalue 99

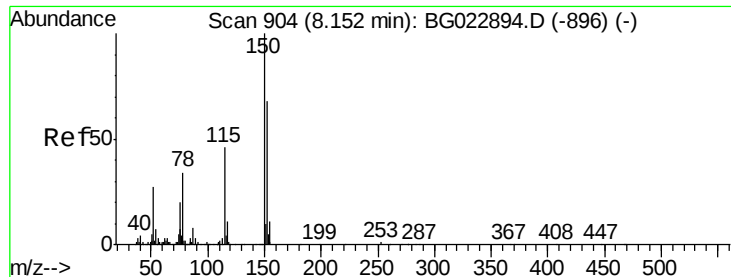
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG023071.D

Acq: 13 Jul 2016 15:50

Instrument :

BNA_G

ClientSampleId :

M8-B3(6-12)C

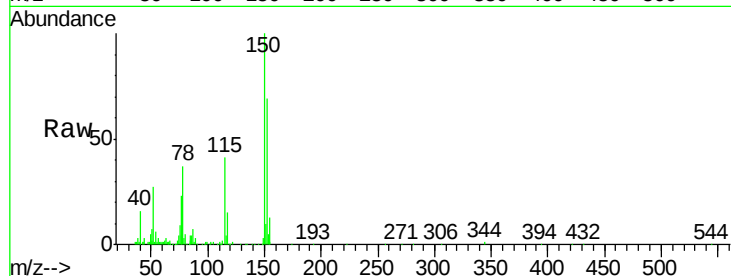
Tgt Ion:152 Resp: 89225

Ion Ratio Lower Upper

152 100

150 145.4 144.7 217.1

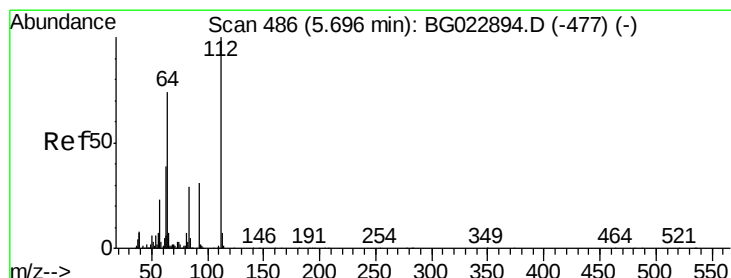
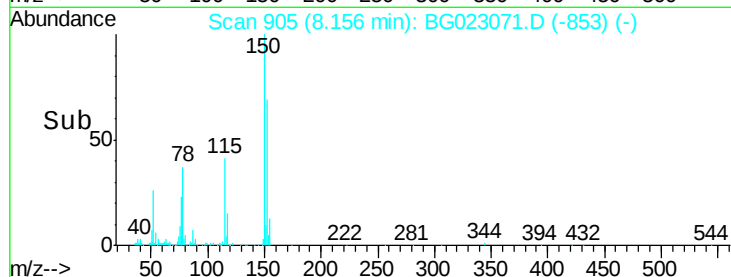
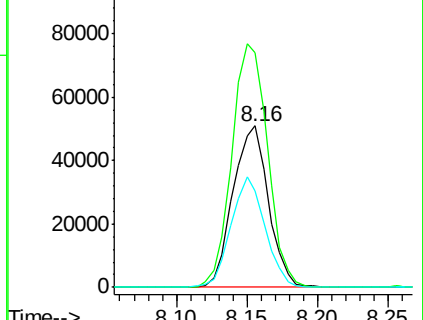
115 59.7 64.0 96.0#



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: 118.64 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.00 min

Lab File: BG023071.D

Acq: 13 Jul 2016 15:50

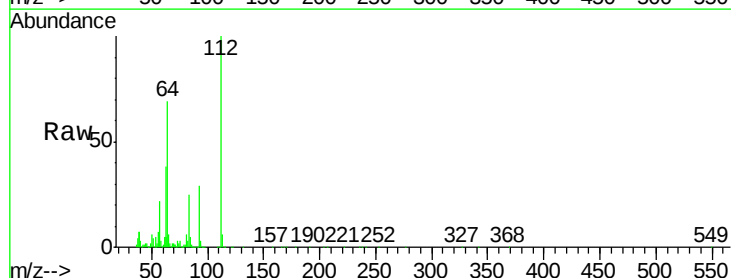
Tgt Ion:112 Resp: 647233

Ion Ratio Lower Upper

112 100

64 69.1 59.0 88.4

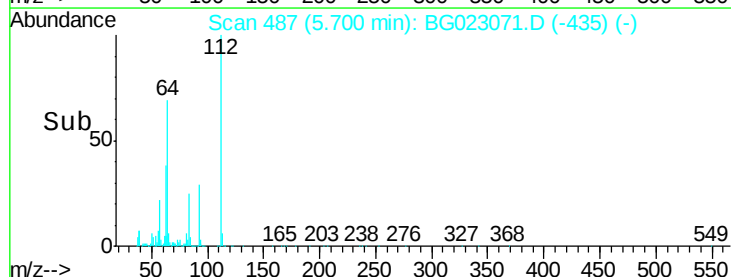
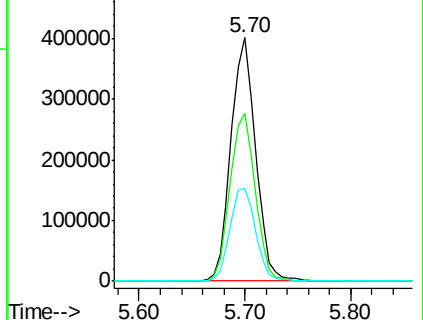
63 38.2 37.8 56.8

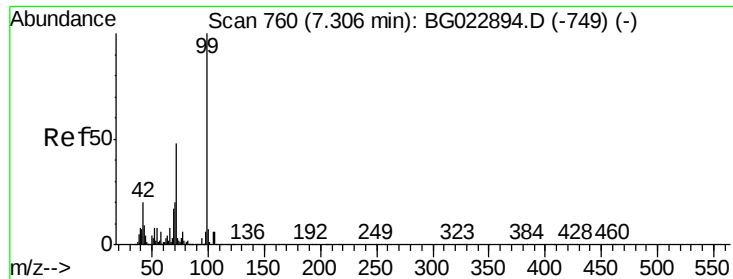


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 121.85 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG023071.D

Acq: 13 Jul 2016 15:50

Instrument :

BNA_G

ClientSampleId :

M8-B3(6-12)C

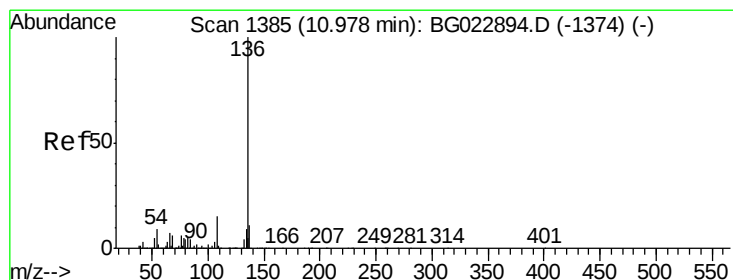
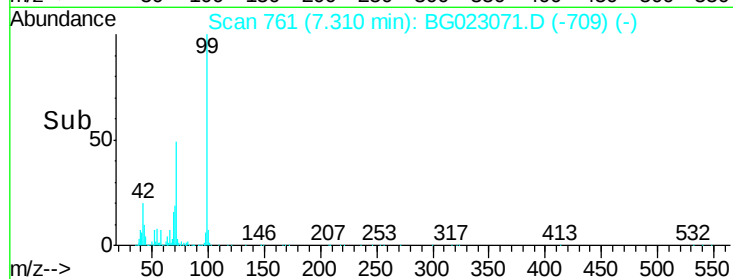
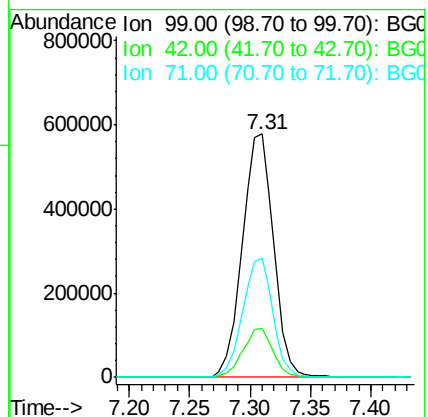
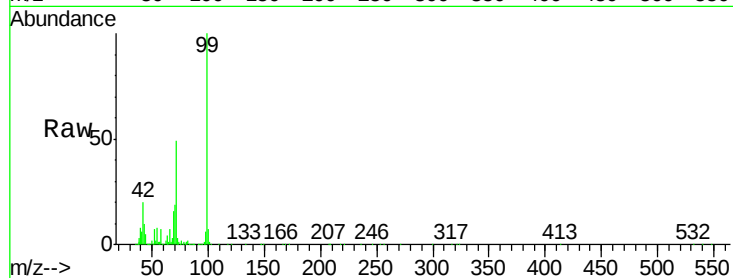
Tgt Ion: 99 Resp: 1041127

Ion Ratio Lower Upper

99 100

42 19.9 17.8 26.6

71 49.0 41.5 62.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1386

Delta R.T. 0.00 min

Lab File: BG023071.D

Acq: 13 Jul 2016 15:50

Tgt Ion: 136 Resp: 406714

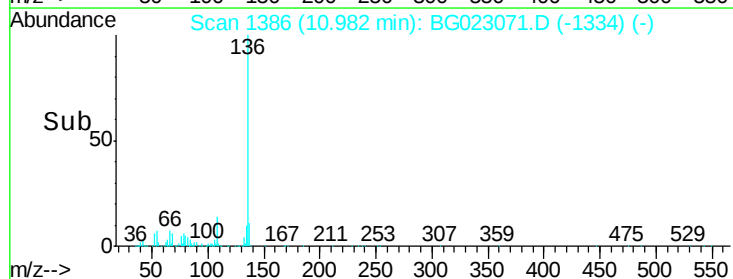
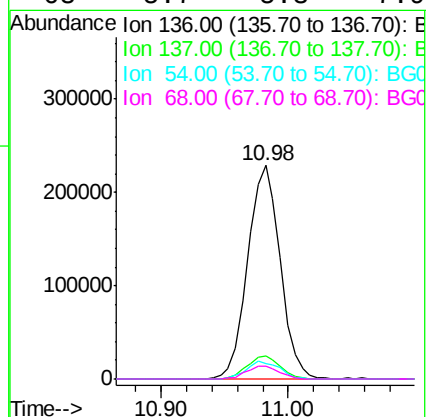
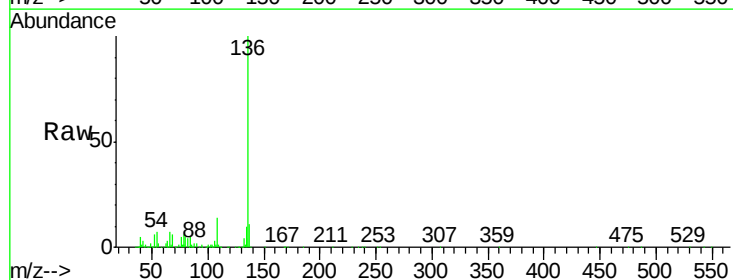
Ion Ratio Lower Upper

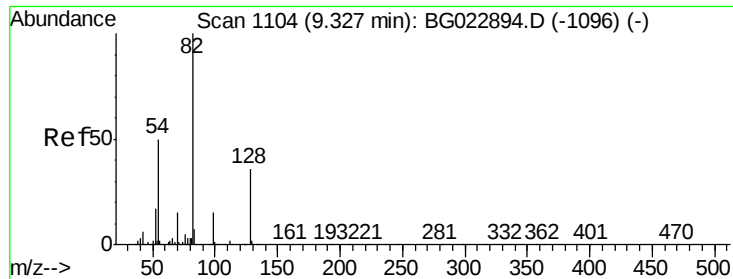
136 100

137 10.8 9.6 14.4

54 7.3 7.3 10.9

68 5.7 5.3 7.9

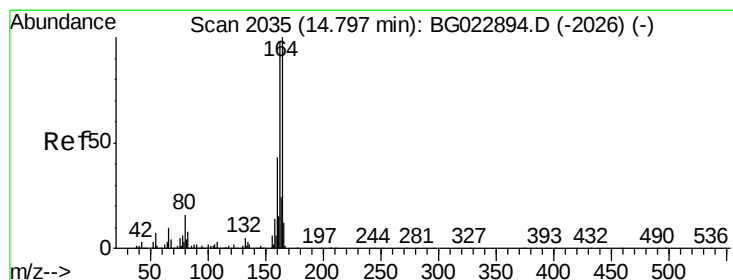
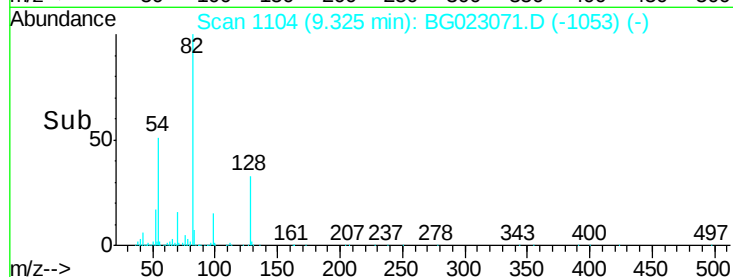
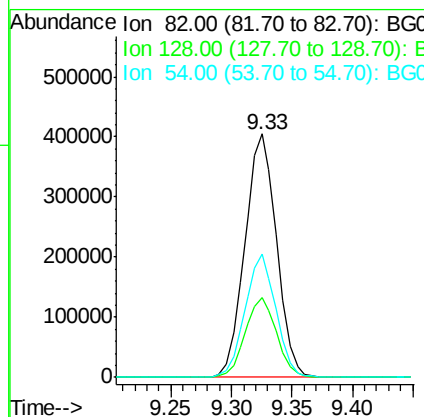
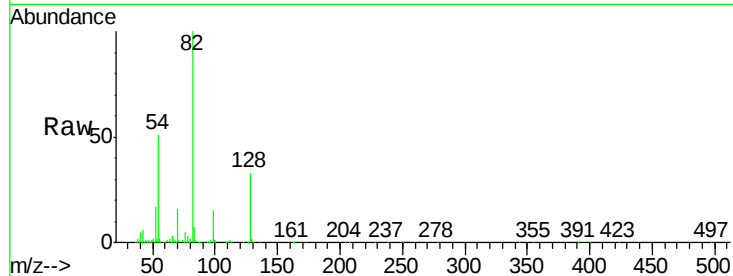




#23
Nitrobenzene-d5
Concen: 77.84 ng
RT: 9.33 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BG023071.D
Acq: 13 Jul 2016 15:50

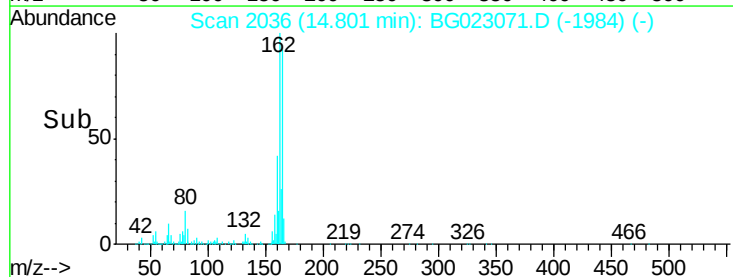
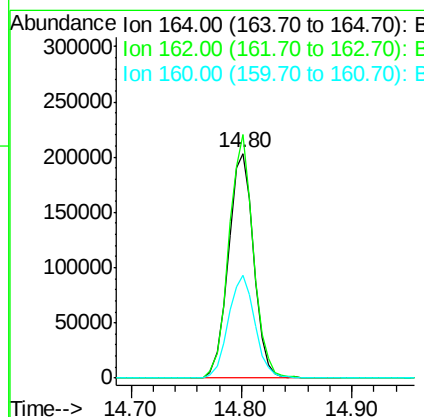
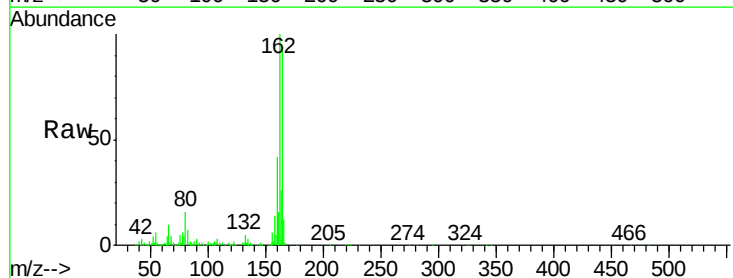
Instrument :
BNA_G
ClientSampleId :
M8-B3(6-12)C

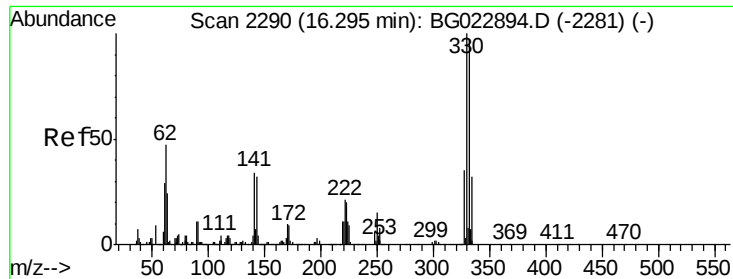
Tgt Ion	Ratio	Lower	Upper
82	100		
128	32.8	24.4	36.6
54	50.9	41.4	62.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BG023071.D
Acq: 13 Jul 2016 15:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.4	87.7	131.5
160	45.5	37.2	55.8

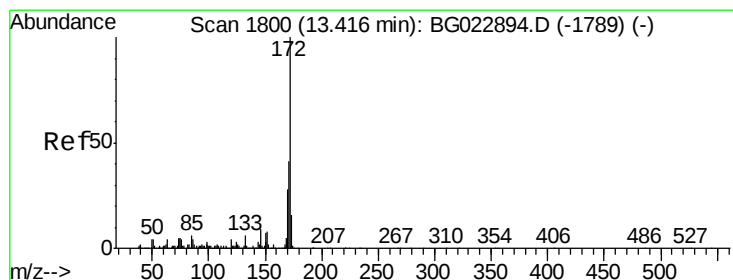
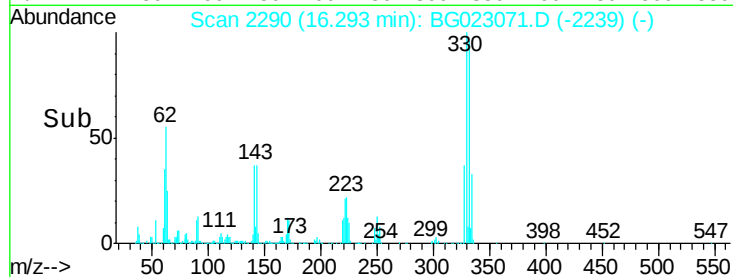
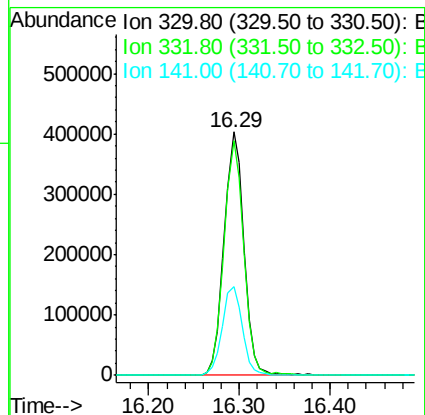
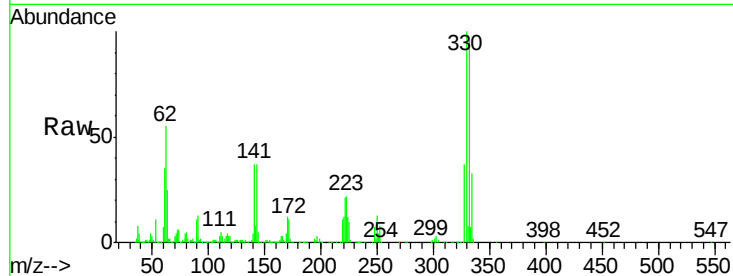




#41
 2,4,6-Tribromophenol
 Concen: 104.87 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: BG023071.D
 Acq: 13 Jul 2016 15:50

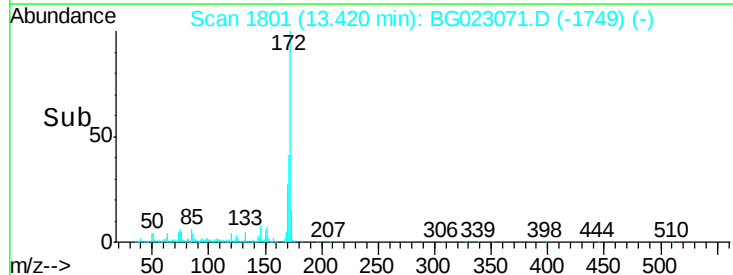
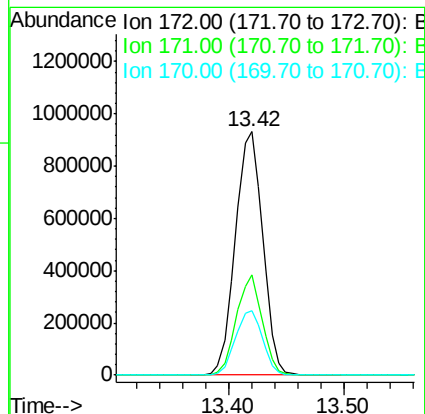
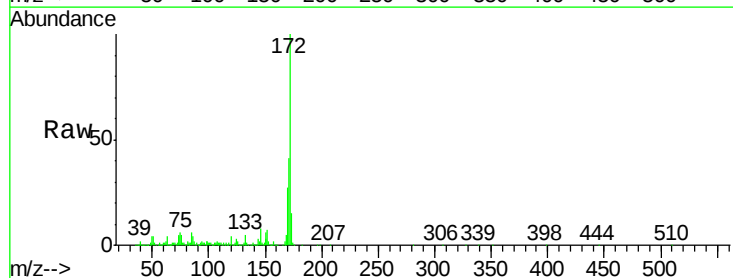
Instrument :
 BNA_G
 ClientSampleId :
 M8-B3(6-12)C

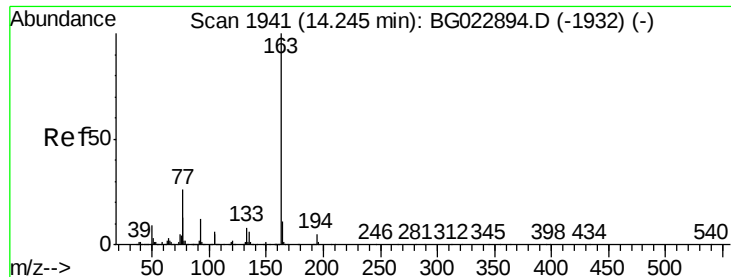
Tgt Ion:330 Resp: 612768
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.4 116.2
 141 37.1 31.7 47.5



#44
 2-Fluorobiphenyl
 Concen: 74.39 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG023071.D
 Acq: 13 Jul 2016 15:50

Tgt Ion:172 Resp: 1535319
 Ion Ratio Lower Upper
 172 100
 171 40.9 31.6 47.4
 170 26.6 21.3 31.9





#49

Dimethylphthalate

Concen: 14.73 ng

RT: 14.24 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BG023071.D

Acq: 13 Jul 2016 15:50

Instrument :

BNA_G

ClientSampleId :

M8-B3(6-12)C

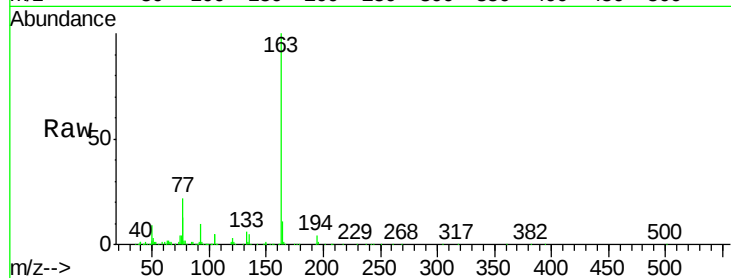
Tgt Ion:163 Resp: 391064

Ion Ratio Lower Upper

163 100

194 3.9 3.6 5.4

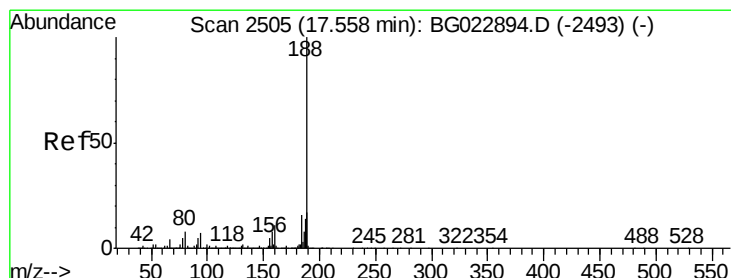
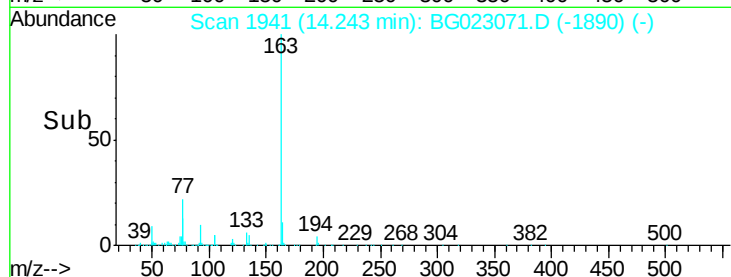
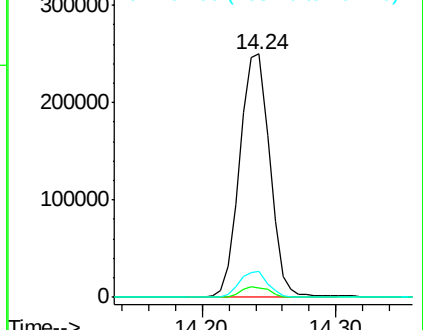
164 10.5 8.1 12.1



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: BG023071.D

Acq: 13 Jul 2016 15:50

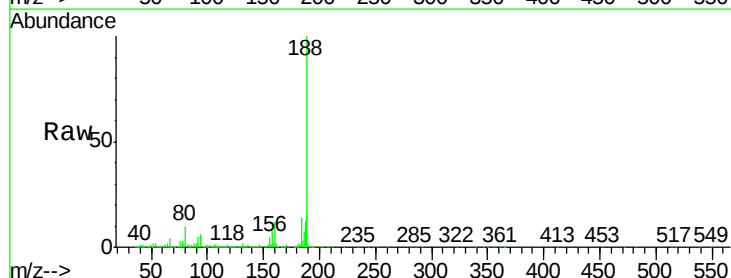
Tgt Ion:188 Resp: 824333

Ion Ratio Lower Upper

188 100

94 6.2 5.2 7.8

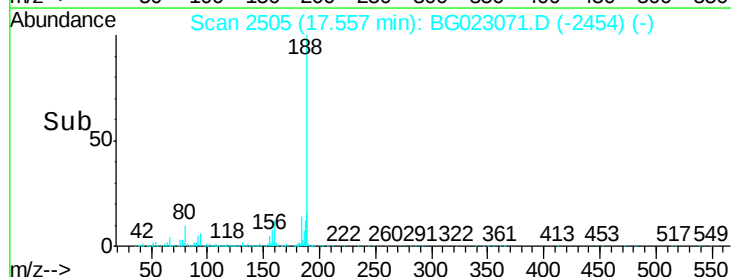
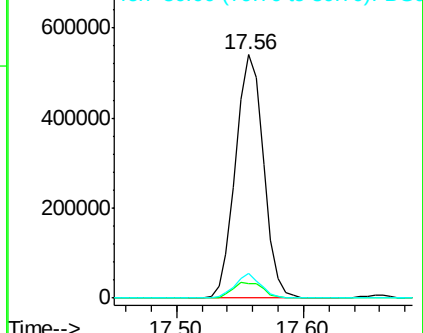
80 10.3 7.2 10.8

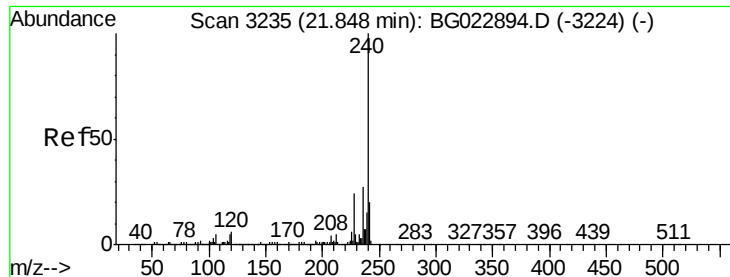


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

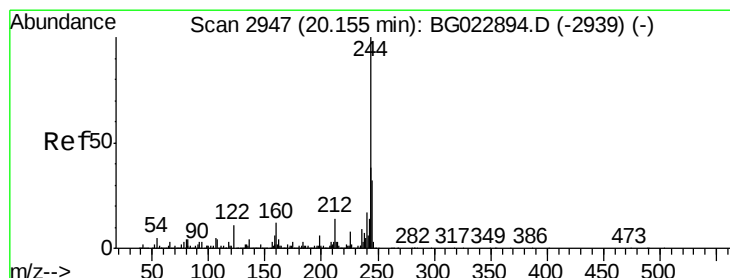
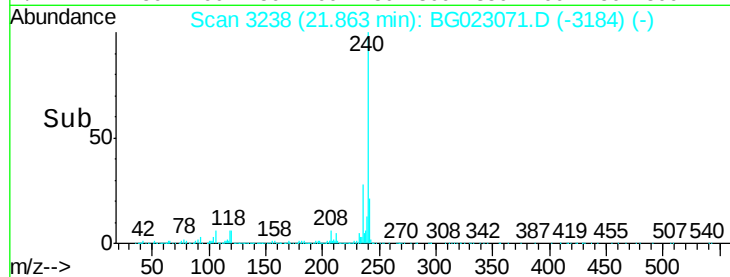
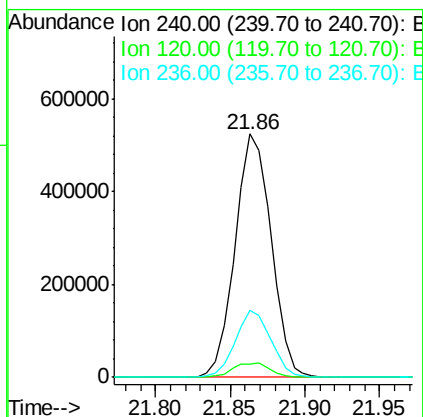
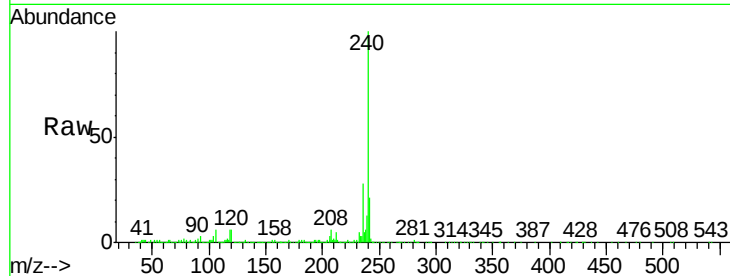




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.86 min Scan# 3238
Delta R.T. 0.02 min
Lab File: BG023071.D
Acq: 13 Jul 2016 15:50

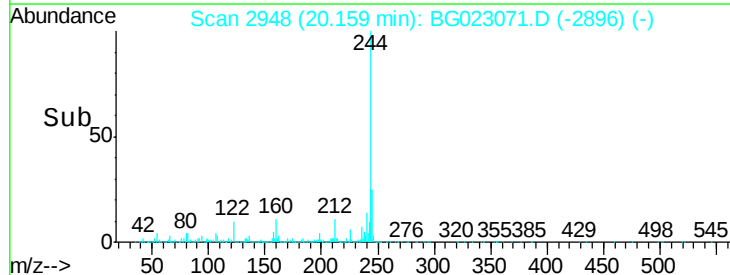
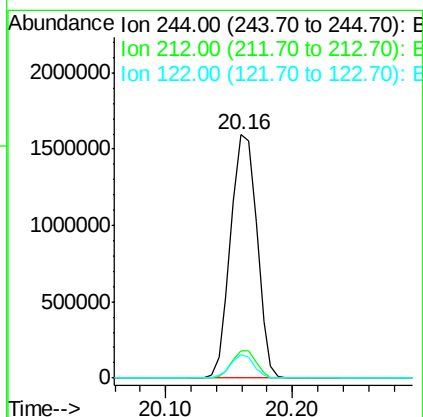
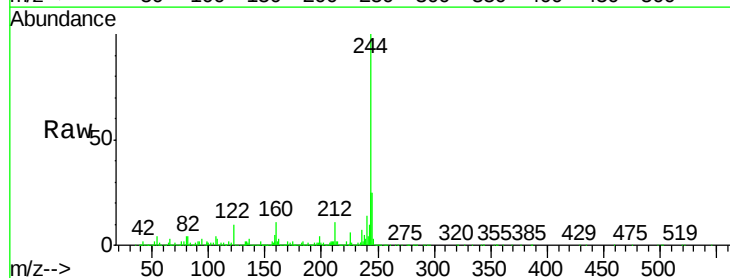
Instrument :
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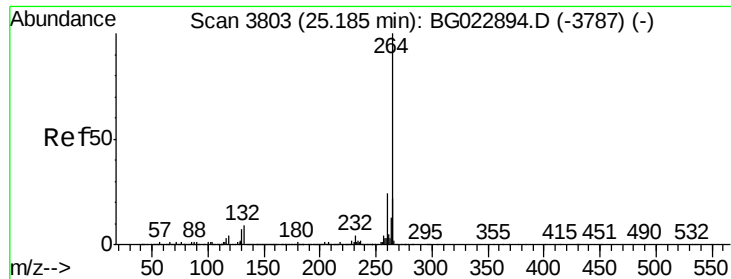
Tgt Ion:240 Resp: 879780
Ion Ratio Lower Upper
240 100
120 5.6 4.1 6.1
236 27.6 21.1 31.7



#78
Terphenyl-d14
Concen: 81.45 ng
RT: 20.16 min Scan# 2948
Delta R.T. 0.00 min
Lab File: BG023071.D
Acq: 13 Jul 2016 15:50

Tgt Ion:244 Resp: 2295434
Ion Ratio Lower Upper
244 100
212 11.2 10.8 16.2
122 9.5 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: BG023071.D

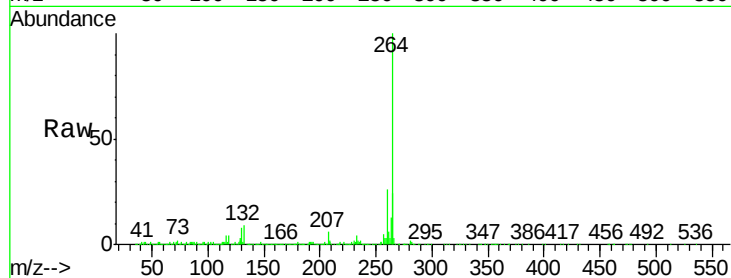
Acq: 13 Jul 2016 15:50

Instrument :

BNA_G

ClientSampleId :

M8-B3(6-12)C



Tgt Ion: 264 Resp: 866505

Ion Ratio Lower Upper

264 100

260 26.3 18.4 27.6

265 23.7 18.9 28.3

