

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071216\
 Data File : BG023059.D
 Acq On : 13 Jul 2016 6:48
 Operator : UM/SJ
 Sample : H3988-12
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C4.2-4

Quant Time: Jul 13 07:29:28 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

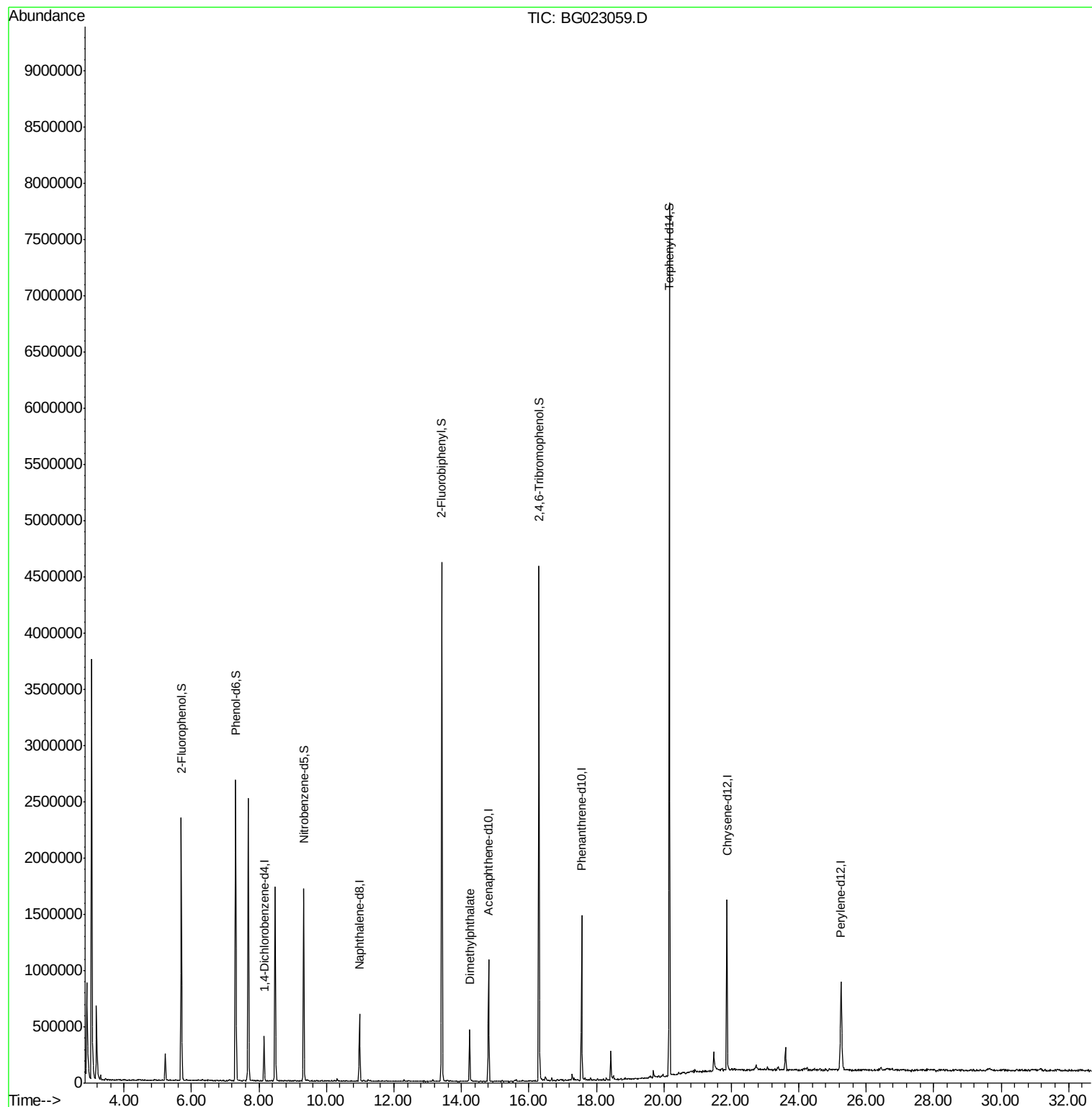
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	100091	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	475620	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	381549	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	875609	20.00	ng	0.00
75) Chrysene-d12	21.87	240	943027	20.00	ng	0.02
86) Perylene-d12	25.25	264	947625	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	917555	149.93	ng	0.00
7) Phenol-d6	7.31	99	1516780	158.24	ng	0.00
23) Nitrobenzene-d5	9.33	82	1110259	99.95	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	832087	121.34	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2237107	92.35	ng	0.00
78) Terphenyl-d14	20.17	244	2860530	105.45	ng	0.01
Target Compounds						
49) Dimethylphthalate	14.24	163	289228	9.28	ng	Qvalue 99

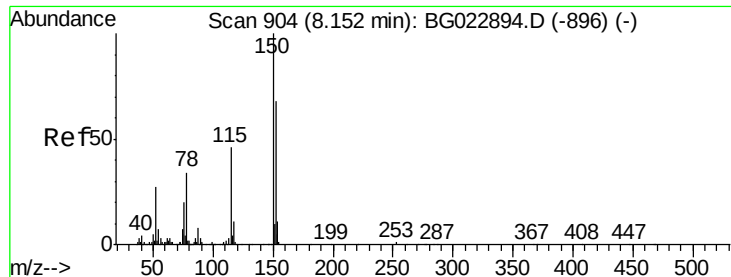
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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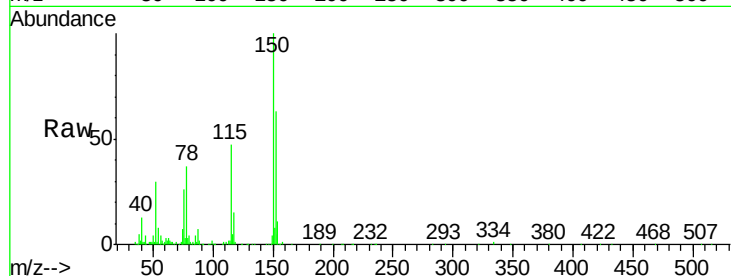


#1

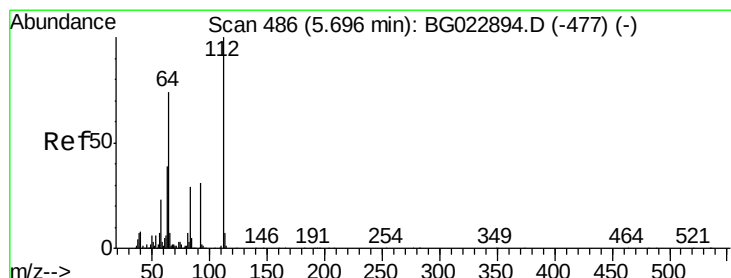
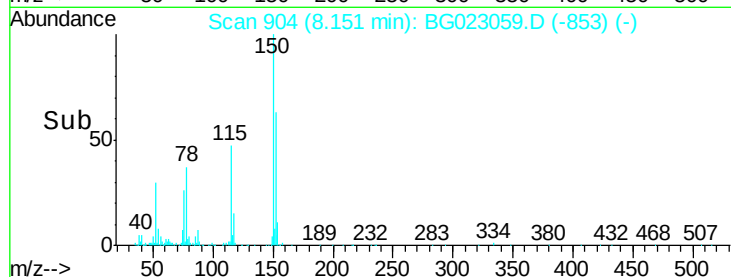
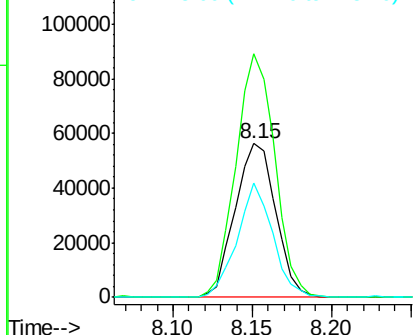
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. -0.00 min
Lab File: BG023059.D
Acq: 13 Jul 2016 6:48

Instrument :
BNA_G
ClientSampleId :
C4.2-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	144.7	217.1
115	74.2	64.0	96.0



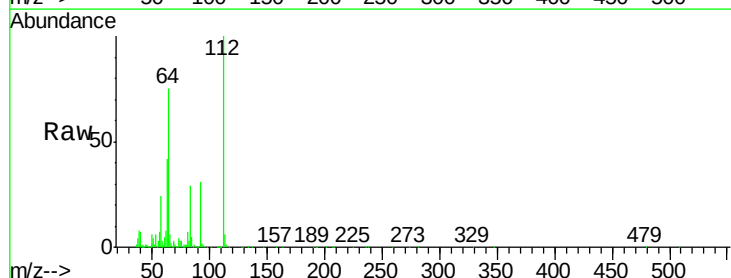
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



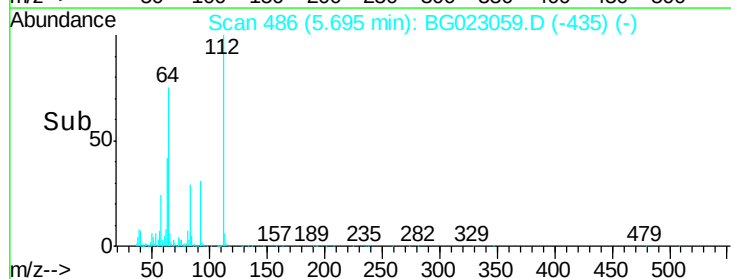
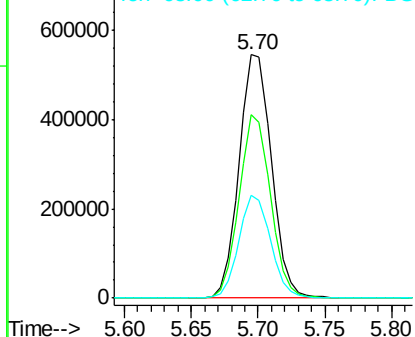
#5

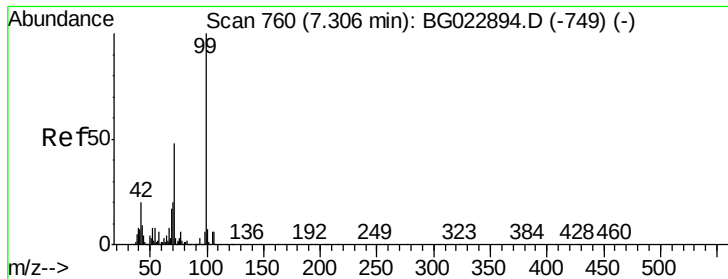
2-Fluorophenol
Concen: 149.93 ng
RT: 5.70 min Scan# 486
Delta R.T. 0.00 min
Lab File: BG023059.D
Acq: 13 Jul 2016 6:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.1	59.0	88.4
63	42.4	37.8	56.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 158.24 ng

RT: 7.31 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG023059.D

Acq: 13 Jul 2016 6:48

Instrument :

BNA_G

ClientSampleId :

C4.2-4

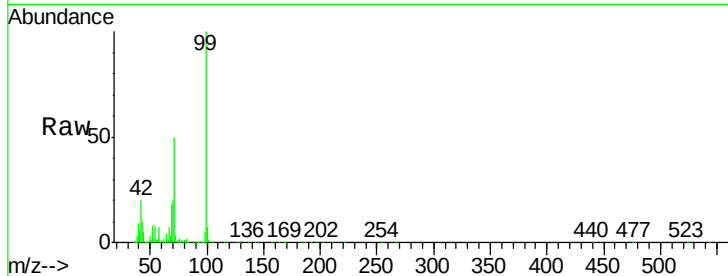
Tot Ion: 99 Resp: 1516780

Ion	Ratio	Lower	Upper
99	100		
42	20.3	17.8	26.6
71	50.1	41.5	62.3

99 100

42 20.3 17.8 26.6

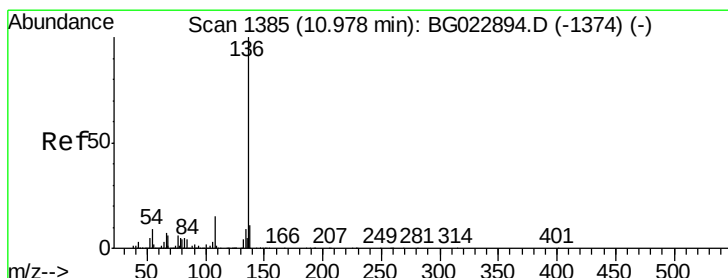
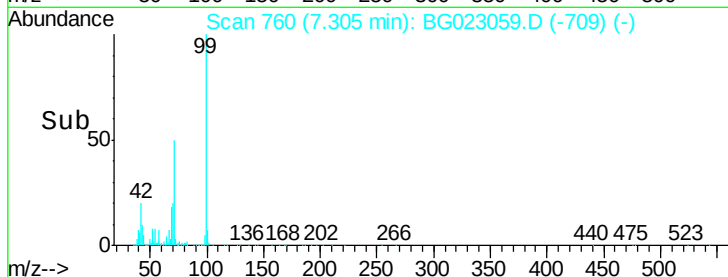
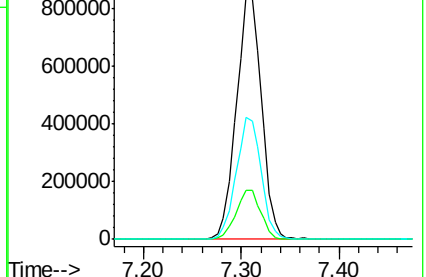
71 50.1 41.5 62.3



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: BG023059.D

Acq: 13 Jul 2016 6:48

Tgt Ion: 136 Resp: 475620

Ion	Ratio	Lower	Upper
136	100		
137	9.7	9.6	14.4
54	9.3	7.3	10.9
68	6.8	5.3	7.9

136 100

137 9.7 9.6 14.4

54 9.3 7.3 10.9

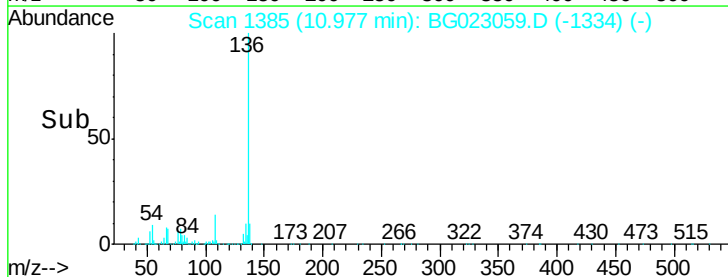
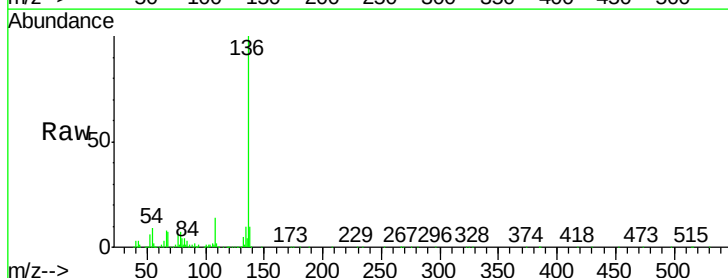
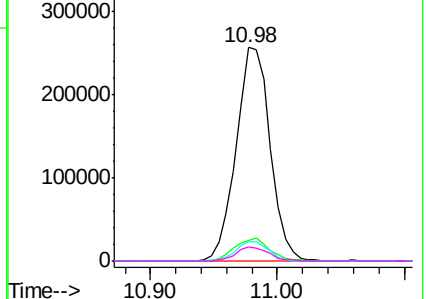
68 6.8 5.3 7.9

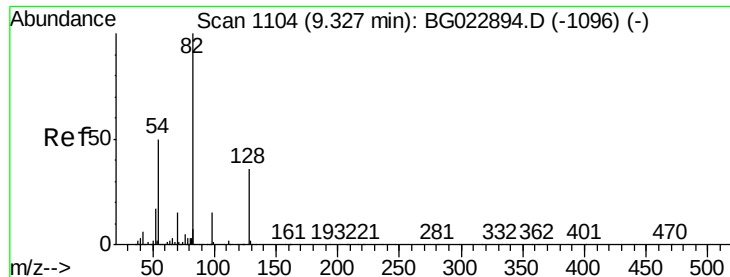
Abundance Ion 136.00 (135.70 to 136.70): BGC

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



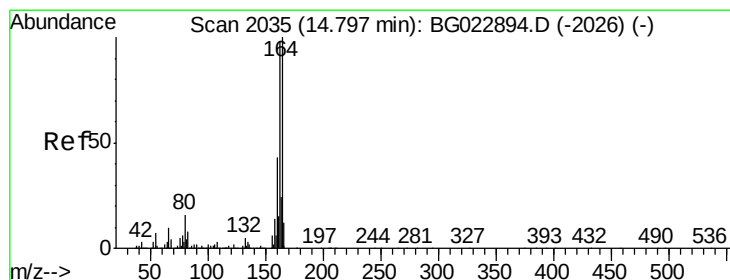
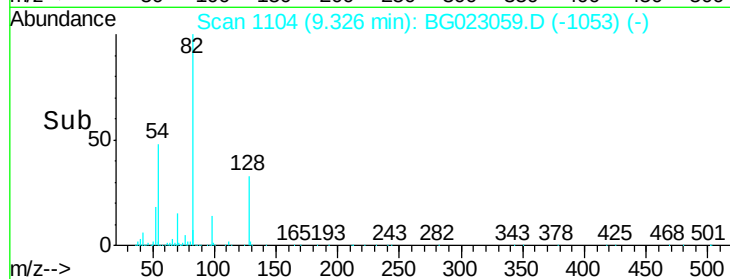
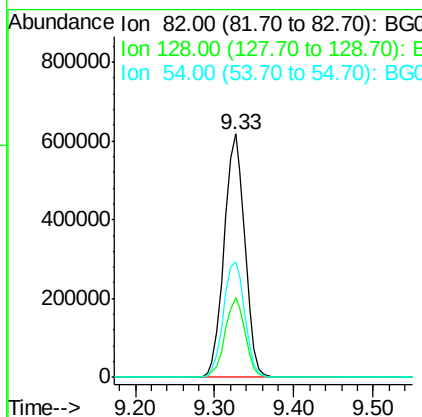
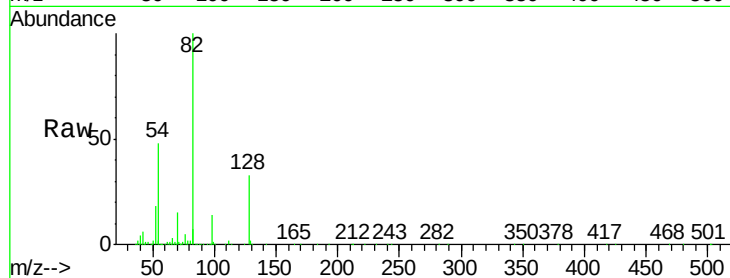


#23
 Nitrobenzene-d5
 Concen: 99.95 ng
 RT: 9.33 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG023059.D
 Acq: 13 Jul 2016 6:48

Instrument :
 BNA_G
 ClientSampleId :
 C4.2-4

Tot Ion: 82 Resp: 1110259

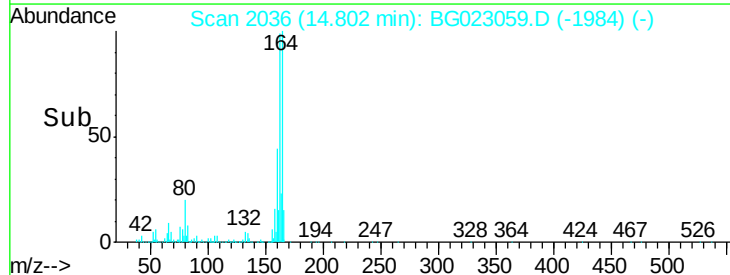
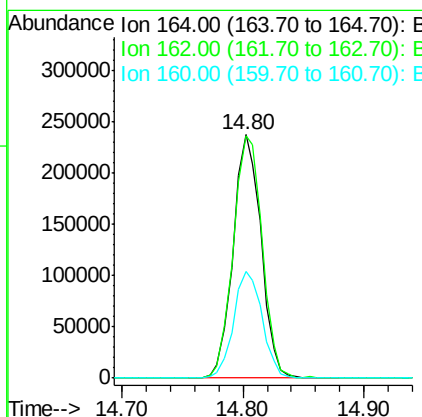
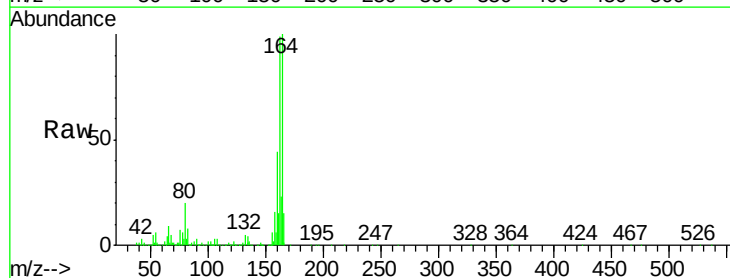
Ion	Ratio	Lower	Upper
82	100		
128	32.6	24.4	36.6
54	47.5	41.4	62.0

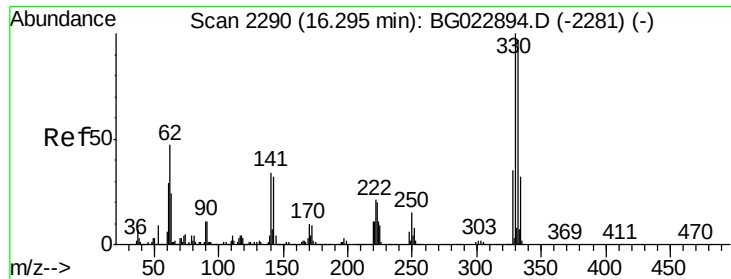


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: BG023059.D
 Acq: 13 Jul 2016 6:48

Tgt Ion: 164 Resp: 381549

Ion	Ratio	Lower	Upper
164	100		
162	99.5	87.7	131.5
160	43.8	37.2	55.8

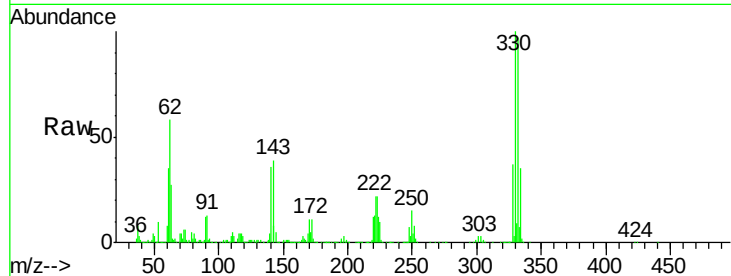




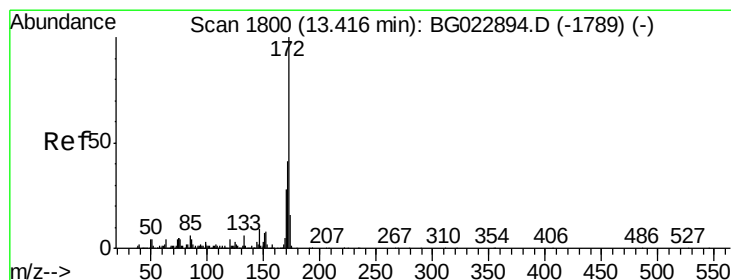
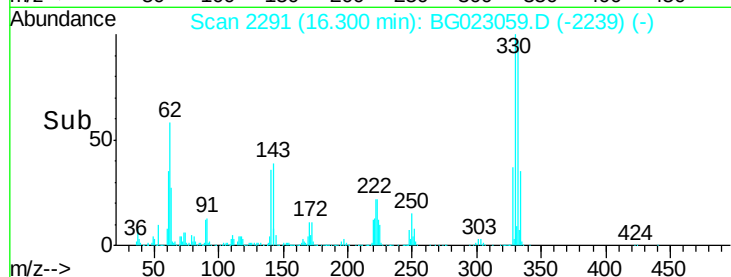
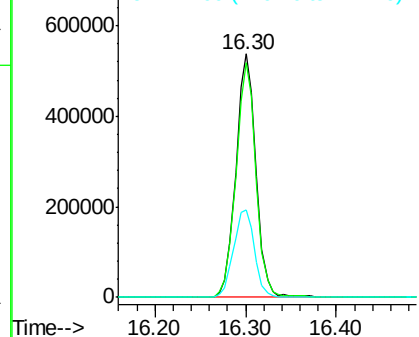
#41
 2,4,6-Tribromophenol
 Concen: 121.34 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. 0.01 min
 Lab File: BG023059.D
 Acq: 13 Jul 2016 6:48

Instrument :
 BNA_G
 ClientSampleId :
 C4.2-4

Tot Ion:330 Resp: 832087
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.4 116.2
 141 37.8 31.7 47.5

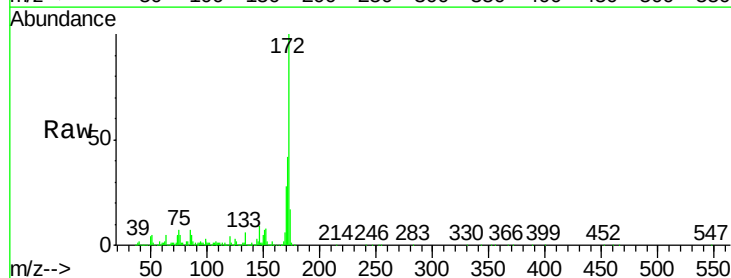


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

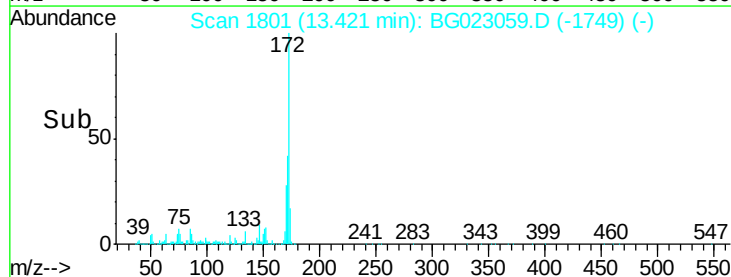
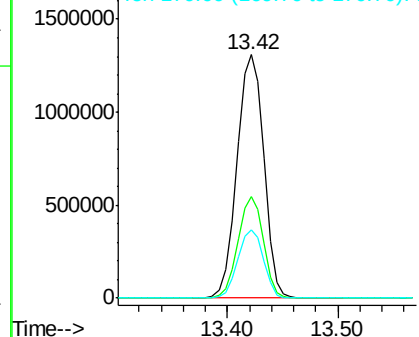


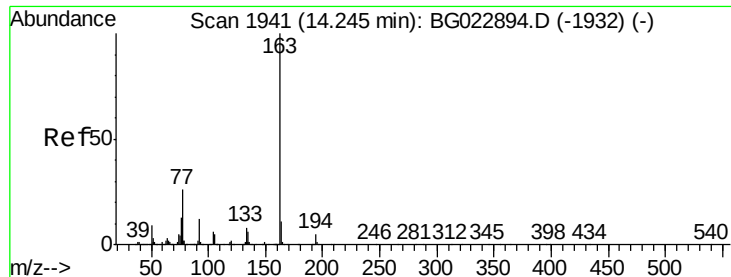
#44
 2-Fluorobiphenyl
 Concen: 92.35 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.01 min
 Lab File: BG023059.D
 Acq: 13 Jul 2016 6:48

Tgt Ion:172 Resp: 2237107
 Ion Ratio Lower Upper
 172 100
 171 41.8 31.6 47.4
 170 27.9 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: 9.28 ng

RT: 14.24 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BG023059.D

Acq: 13 Jul 2016 6:48

Instrument :

BNA_G

ClientSampleId :

C4.2-4

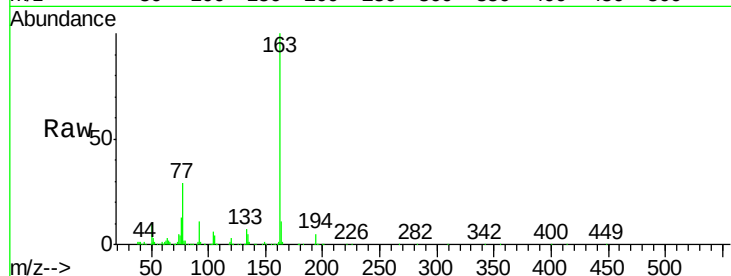
Tot Ion:163 Resp: 289228

Ion Ratio Lower Upper

163 100

194 4.7 3.6 5.4

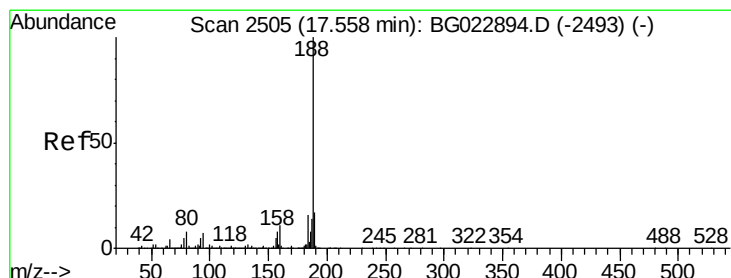
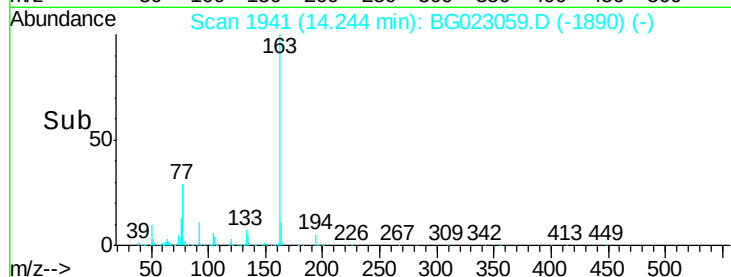
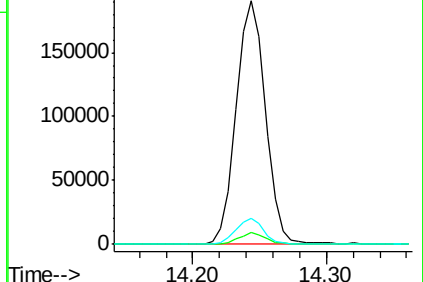
164 10.6 8.1 12.1



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# 2506

Delta R.T. 0.01 min

Lab File: BG023059.D

Acq: 13 Jul 2016 6:48

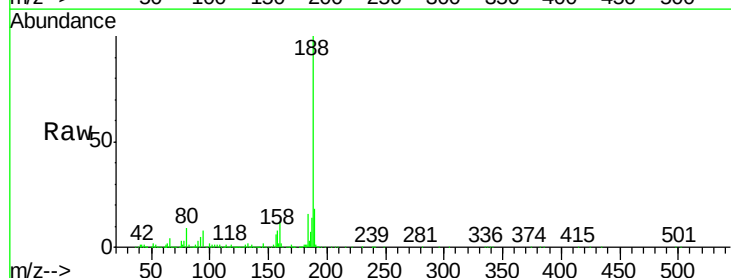
Tgt Ion:188 Resp: 875609

Ion Ratio Lower Upper

188 100

94 7.9 5.2 7.8#

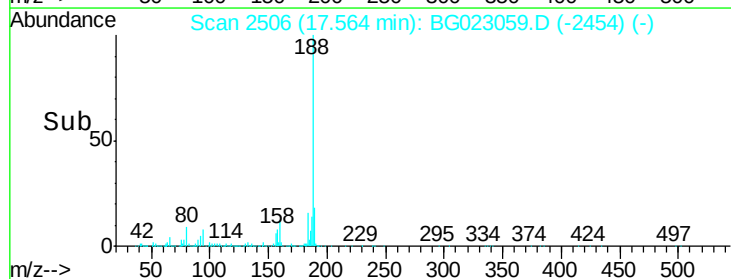
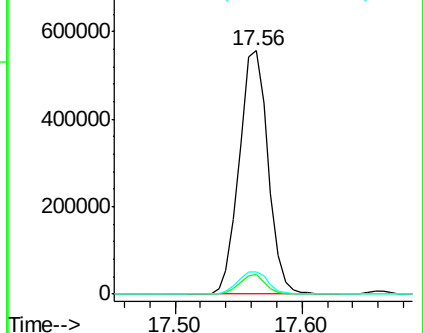
80 9.0 7.2 10.8

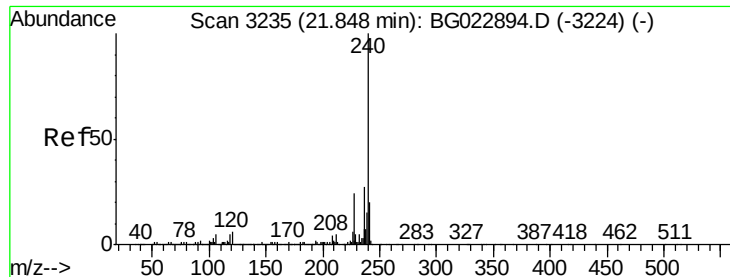


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0

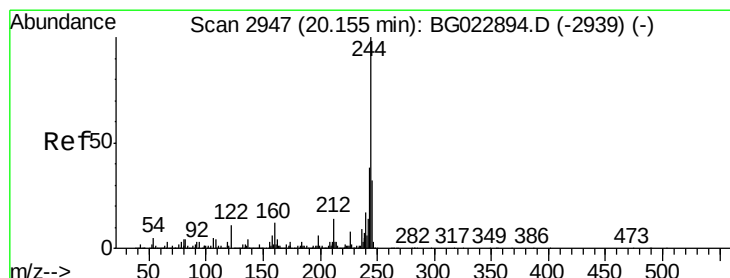
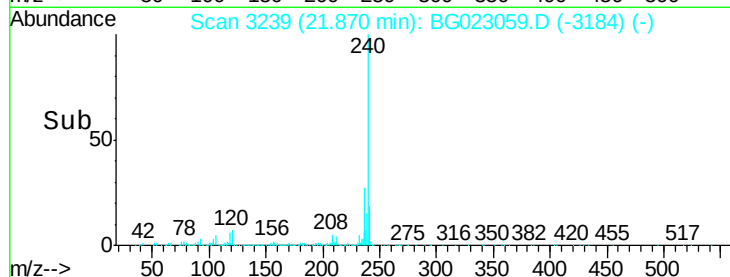
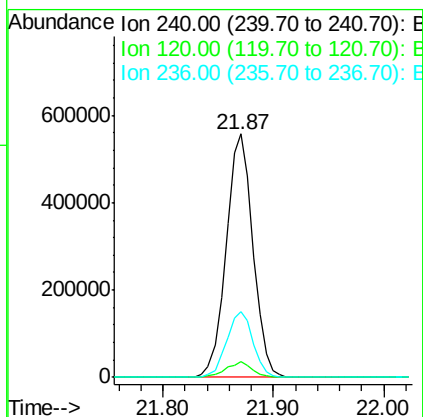
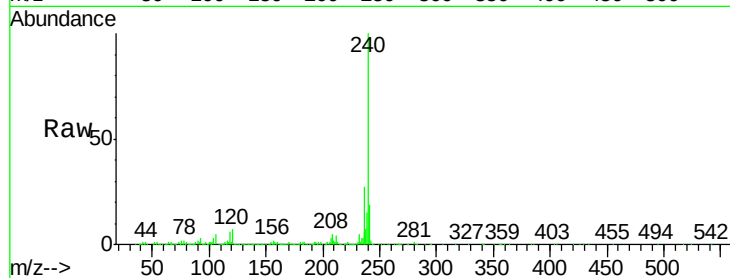




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.87 min Scan# 3239
Delta R.T. 0.02 min
Lab File: BG023059.D
Acq: 13 Jul 2016 6:48

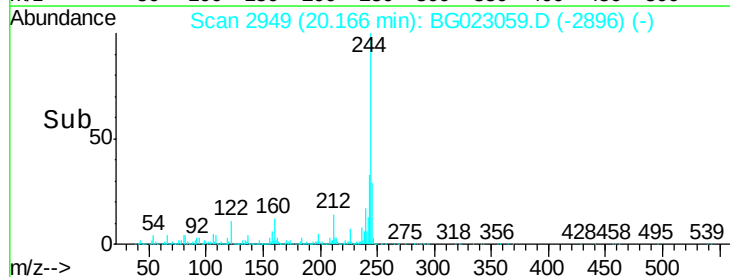
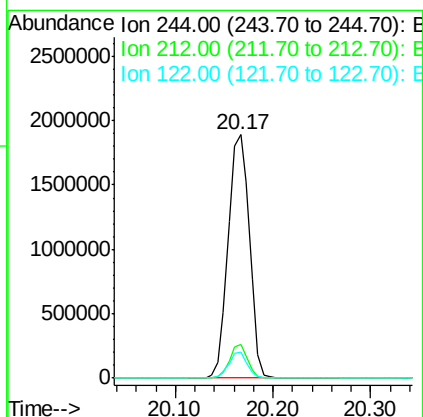
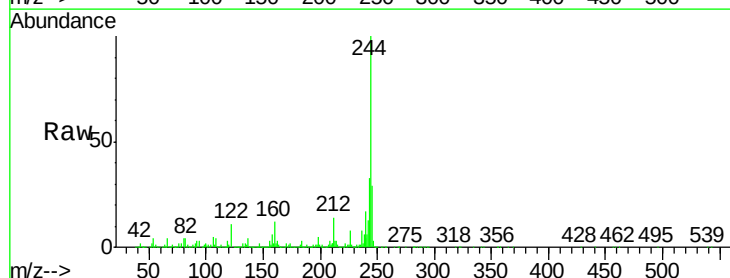
Instrument :
BNA_G
ClientSampleId :
C4.2-4

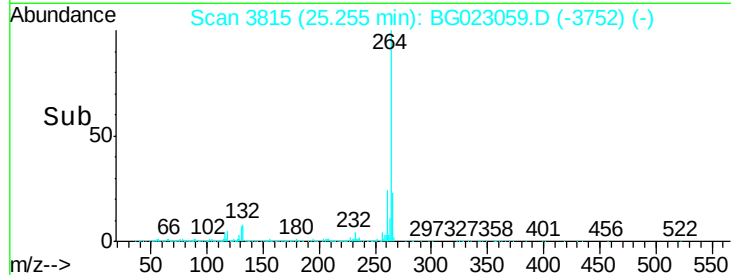
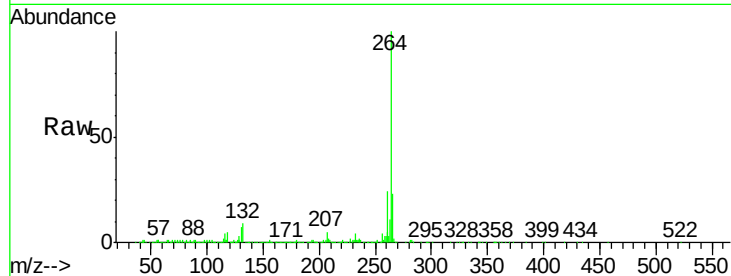
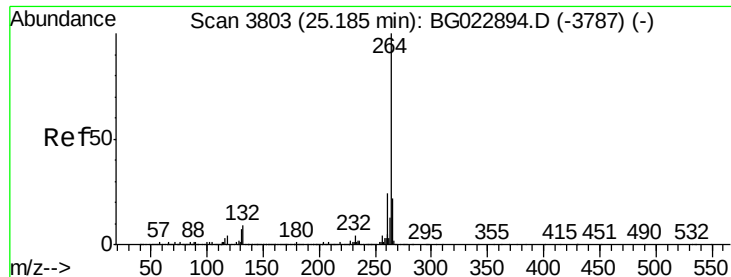
Tot Ion:240 Resp: 943027
Ion Ratio Lower Upper
240 100
120 6.7 4.1 6.1#
236 26.8 21.1 31.7



#78
Terphenyl-d14
Concen: 105.45 ng
RT: 20.17 min Scan# 2949
Delta R.T. 0.01 min
Lab File: BG023059.D
Acq: 13 Jul 2016 6:48

Tgt Ion:244 Resp: 2860530
Ion Ratio Lower Upper
244 100
212 13.7 10.8 16.2
122 10.6 8.0 12.0





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.25 min Scan# 3815
Delta R.T. 0.07 min
Lab File: BG023059.D
Acq: 13 Jul 2016 6:48

Instrument :
BNA_G
ClientSampleId :
C4.2-4

Tot Ion:	264	Resp:	947625
Ion Ratio	Lower	Upper	
264	100		
260	23.9	18.4	27.6
265	23.1	18.9	28.3

