

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071416\
 Data File : BG023101.D
 Acq On : 14 Jul 2016 14:51
 Operator : UM/SJ
 Sample : H3996-21
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C8-B2(5-11)C

Quant Time: Jul 14 17:59:28 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

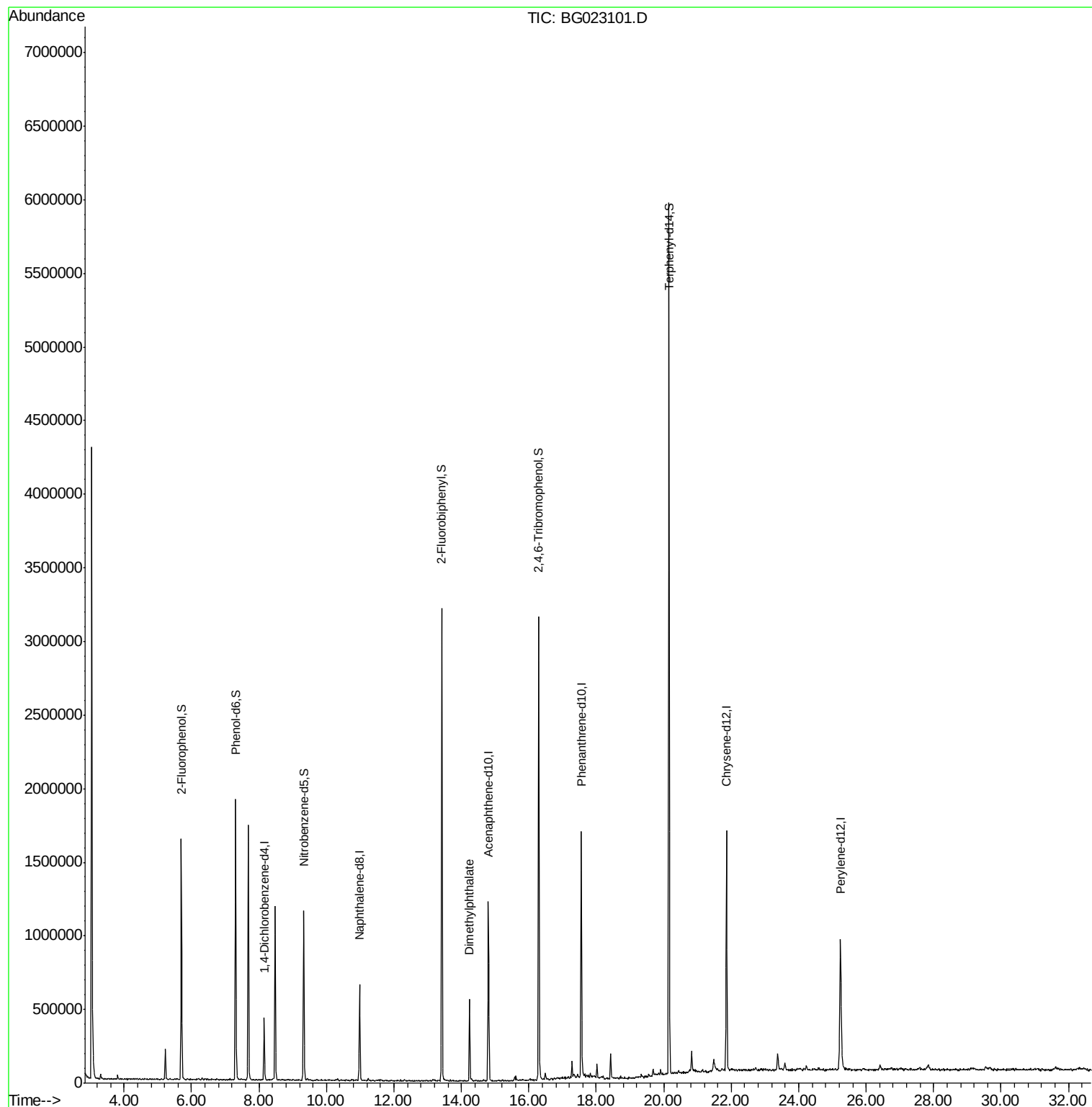
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	108601	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	511064	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	418288	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	980368	20.00	ng	0.00
75) Chrysene-d12	21.86	240	1064401	20.00	ng	0.01
86) Perylene-d12	25.24	264	1058338	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	663050	99.85	ng	0.00
7) Phenol-d6	7.31	99	1051384	101.09	ng	0.00
23) Nitrobenzene-d5	9.32	82	763582	63.98	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	570386	75.87	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1602409	60.34	ng	0.00
78) Terphenyl-d14	20.16	244	2330320	62.72	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.24	163	350294	10.25	ng	Qvalue 99

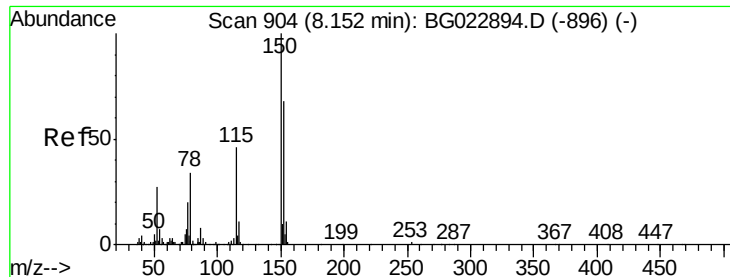
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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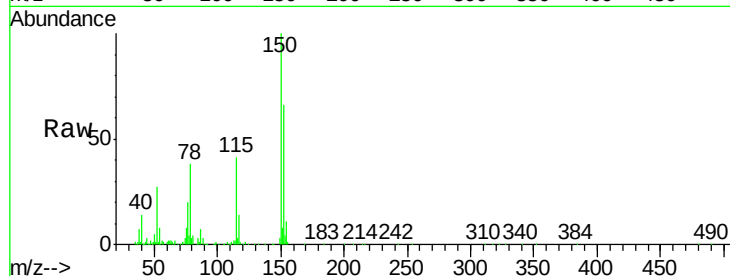


#1

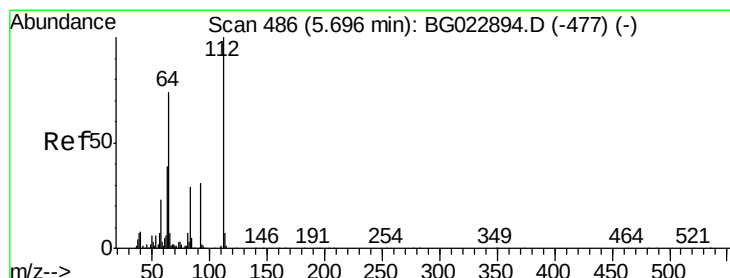
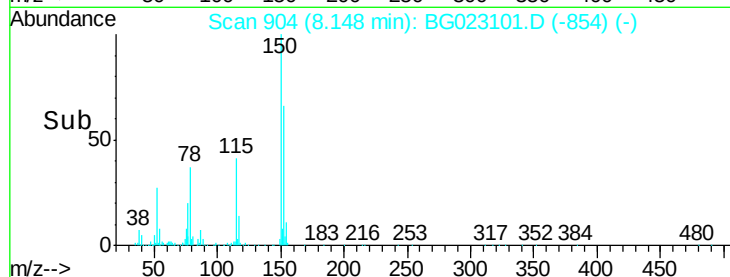
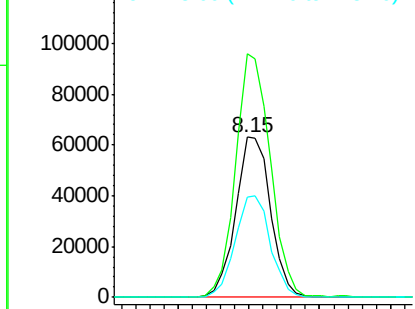
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. -0.00 min
Lab File: BG023101.D
Acq: 14 Jul 2016 14:51

Instrument :
BNA_G
ClientSampleId :
C8-B2(5-11)C

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.2	144.7	217.1
115	63.0	64.0	96.0



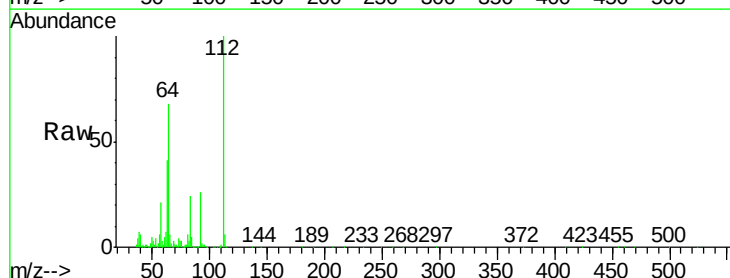
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



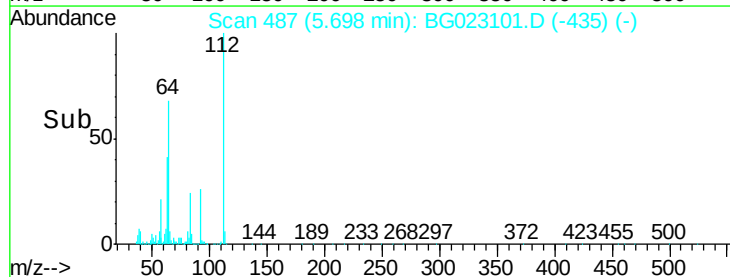
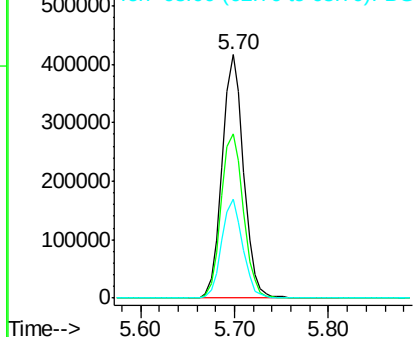
#5

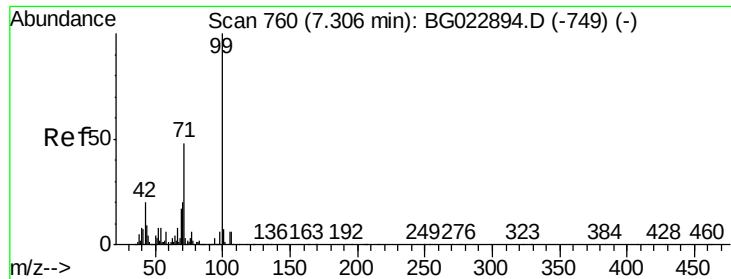
2-Fluorophenol
Concen: 99.85 ng
RT: 5.70 min Scan# 487
Delta R.T. 0.00 min
Lab File: BG023101.D
Acq: 14 Jul 2016 14:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.6	59.0	88.4
63	40.8	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: 101.09 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG023101.D

Acq: 14 Jul 2016 14:51

Instrument :

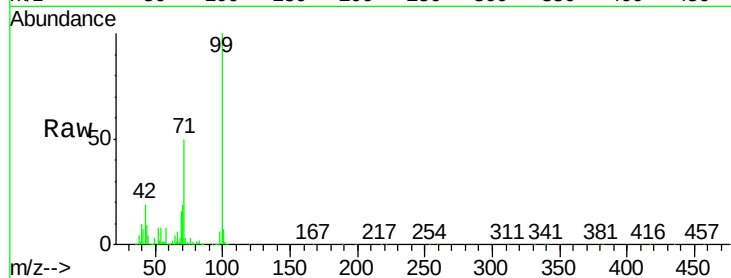
BNA_G

ClientSampleId :

C8-B2(5-11)C

Tot Ion: 99 Resp: 1051384

Ion	Ratio	Lower	Upper
99	100		
42	19.1	17.8	26.6
71	49.7	41.5	62.3

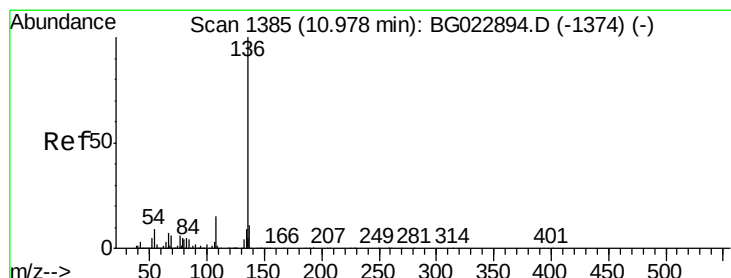
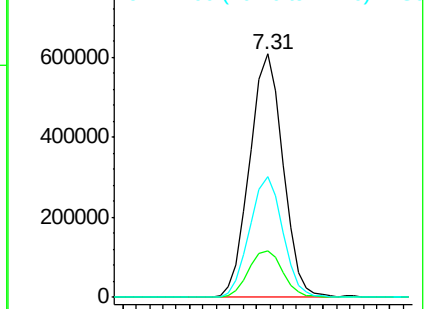
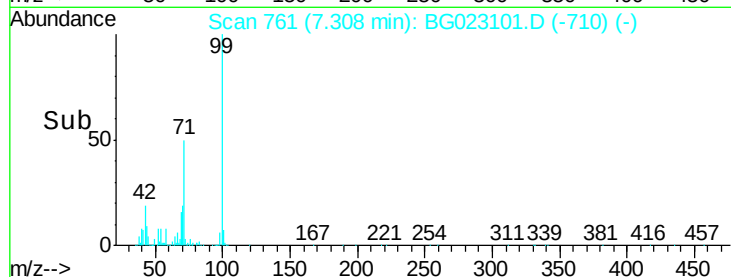


Abundance

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

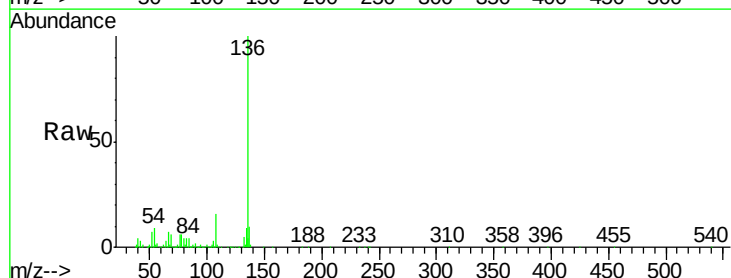
Delta R.T. 0.00 min

Lab File: BG023101.D

Acq: 14 Jul 2016 14:51

Tgt Ion: 136 Resp: 511064

Ion	Ratio	Lower	Upper
136	100		
137	9.7	9.6	14.4
54	9.4	7.3	10.9
68	5.8	5.3	7.9



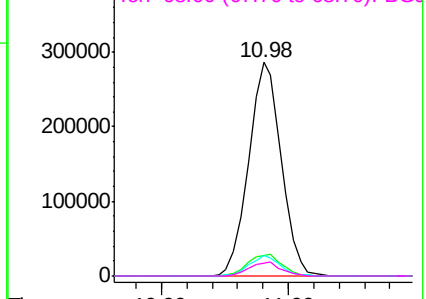
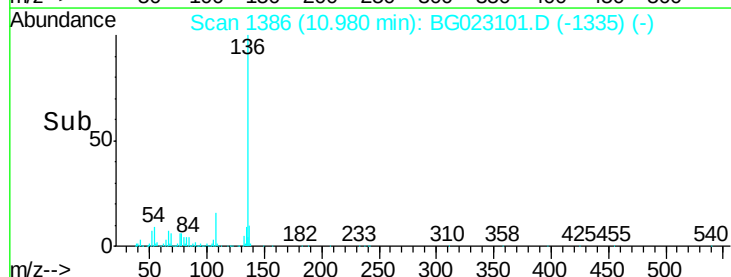
Abundance

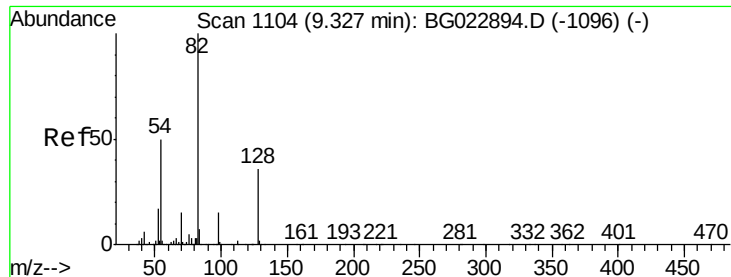
Ion 136.00 (135.70 to 136.70): BGC

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

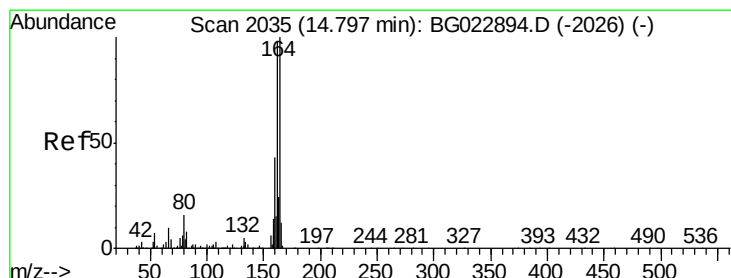
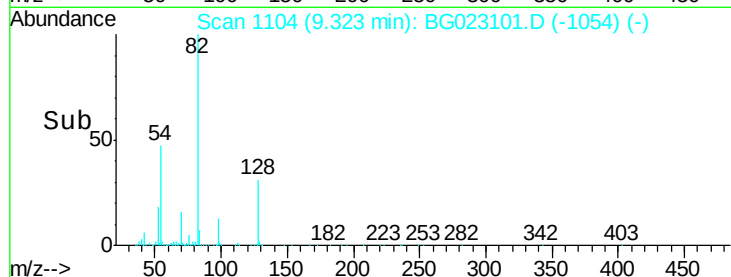
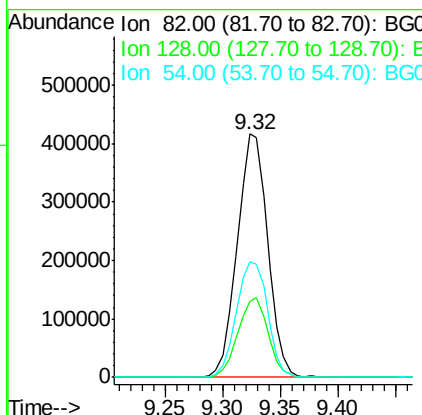
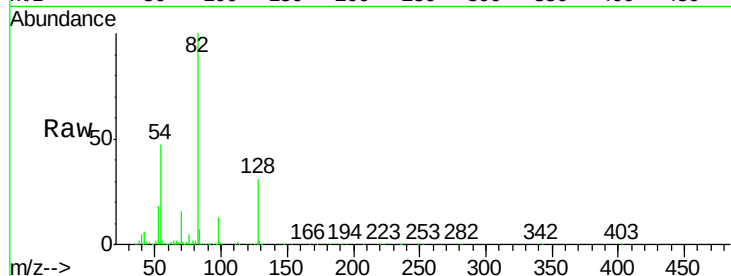




#23
 Nitrobenzene-d5
 Concen: 63.98 ng
 RT: 9.32 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG023101.D
 Acq: 14 Jul 2016 14:51

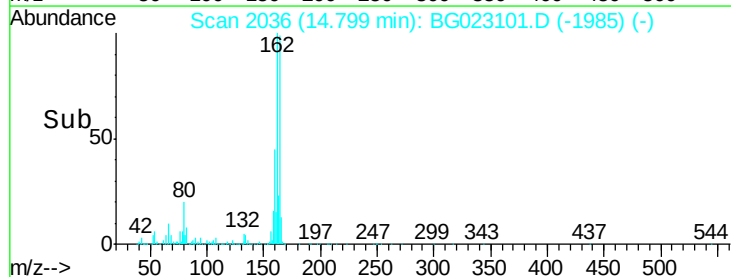
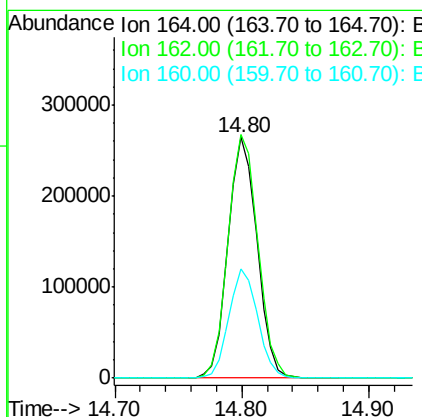
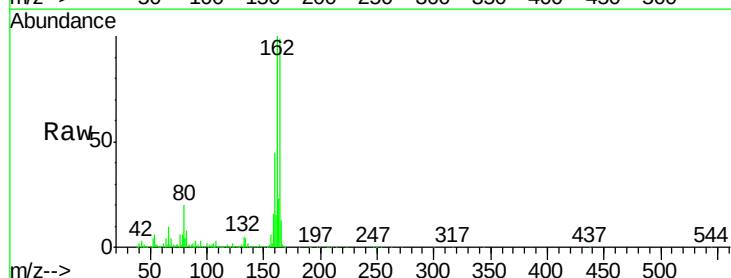
Instrument :
 BNA_G
 ClientSampleId :
 C8-B2(5-11)C

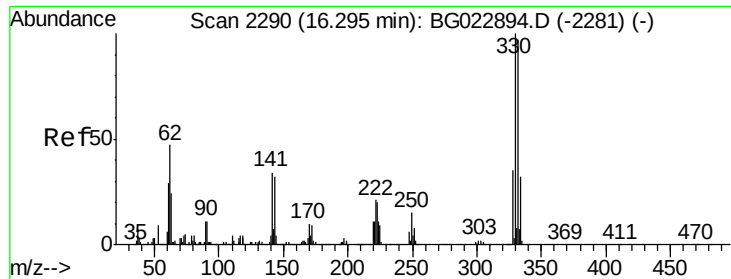
Tot Ion	82	Resp	763582
Ion Ratio	Lower	Upper	
82	100		
128	31.1	24.4	36.6
54	47.2	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: BG023101.D
 Acq: 14 Jul 2016 14:51

Tgt Ion	164	Resp	418288
Ion Ratio	Lower	Upper	
164	100		
162	101.1	87.7	131.5
160	45.6	37.2	55.8

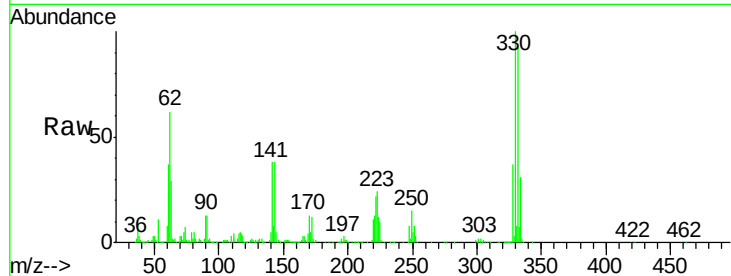




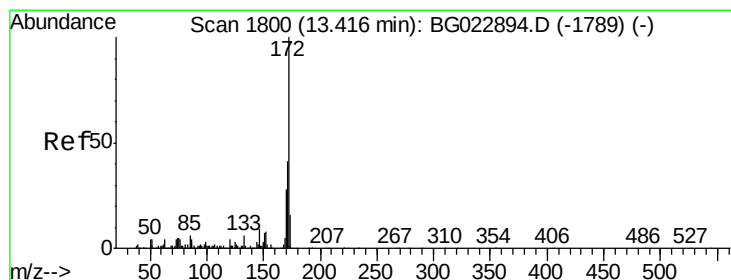
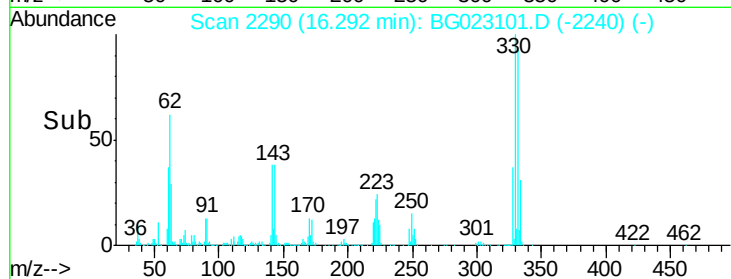
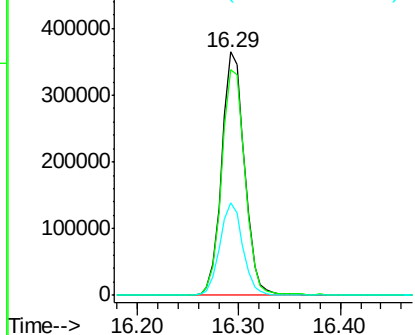
#41
 2,4,6-Tribromophenol
 Concen: 75.87 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: BG023101.D
 Acq: 14 Jul 2016 14:51

Instrument :
 BNA_G
 ClientSampleId :
 C8-B2(5-11)C

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.4	116.2
141	38.3	31.7	47.5

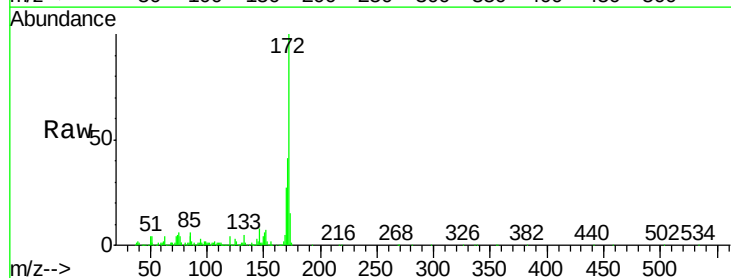


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

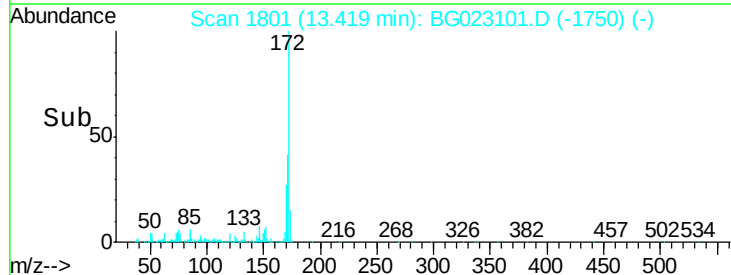
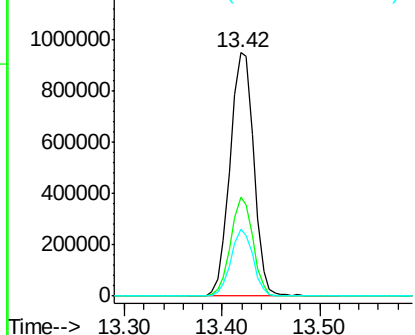


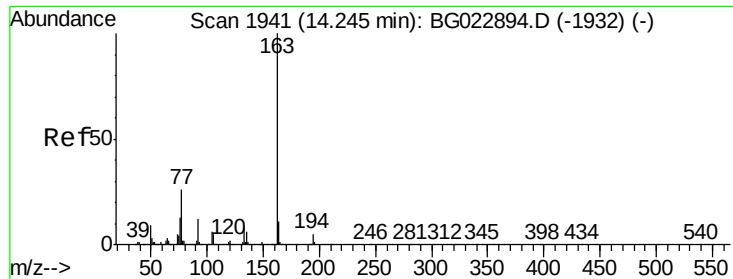
#44
 2-Fluorobiphenyl
 Concen: 60.34 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG023101.D
 Acq: 14 Jul 2016 14:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.6	31.6	47.4
170	27.5	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: 10.25 ng

RT: 14.24 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BG023101.D

Acq: 14 Jul 2016 14:51

Instrument :

BNA_G

ClientSampleId :

C8-B2(5-11)C

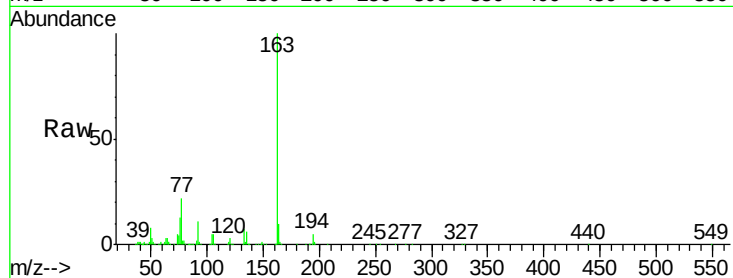
Tot Ion:163 Resp: 350294

Ion Ratio Lower Upper

163 100

194 4.8 3.6 5.4

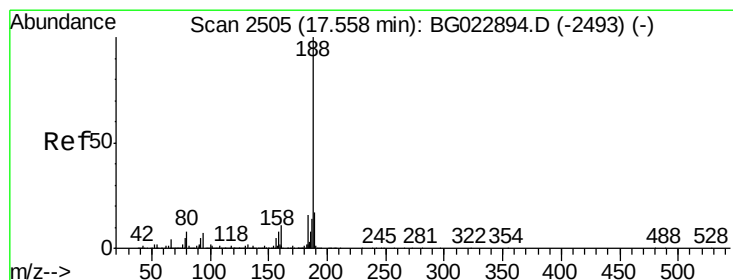
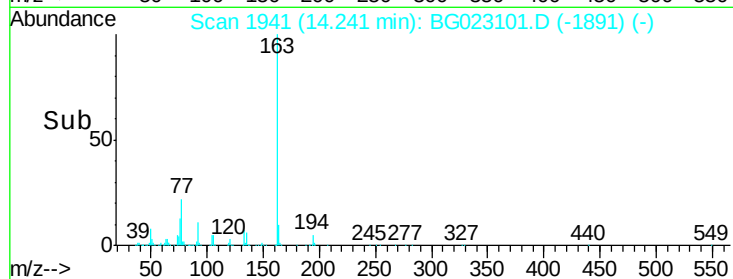
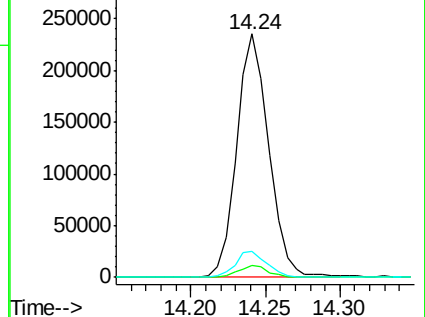
164 10.5 8.1 12.1



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: 17.55 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG023101.D

Acq: 14 Jul 2016 14:51

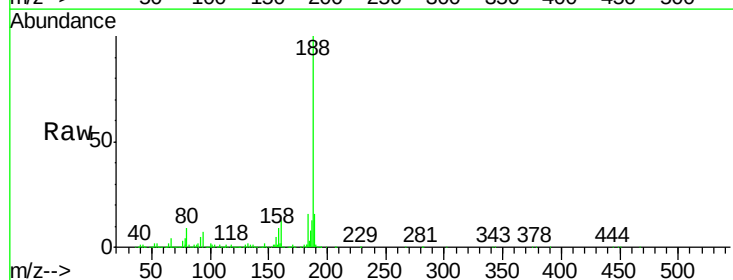
Tgt Ion:188 Resp: 980368

Ion Ratio Lower Upper

188 100

94 7.1 5.2 7.8

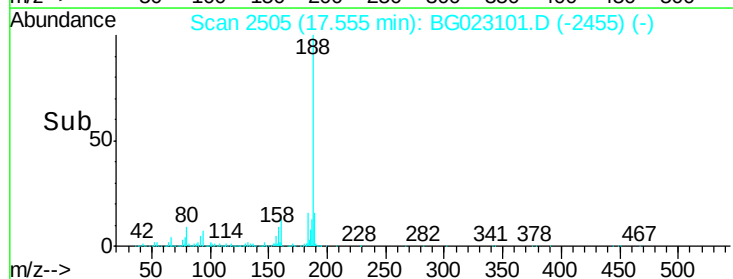
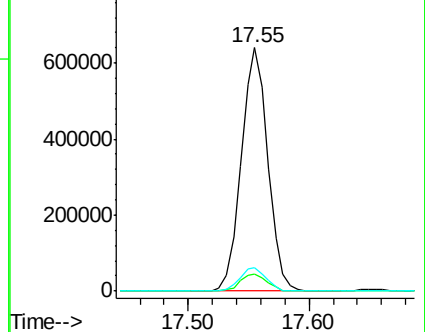
80 9.5 7.2 10.8

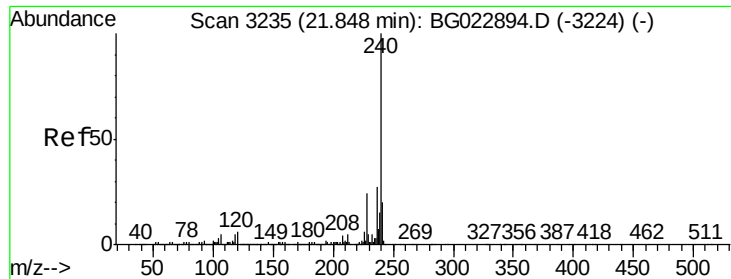


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

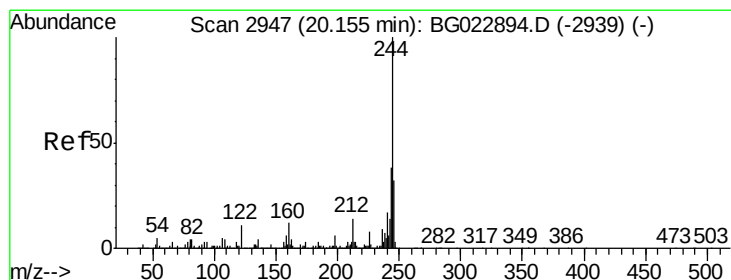
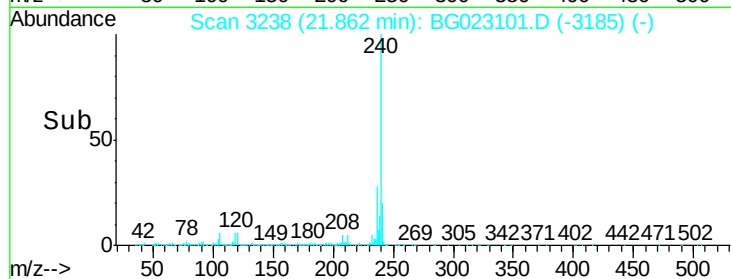
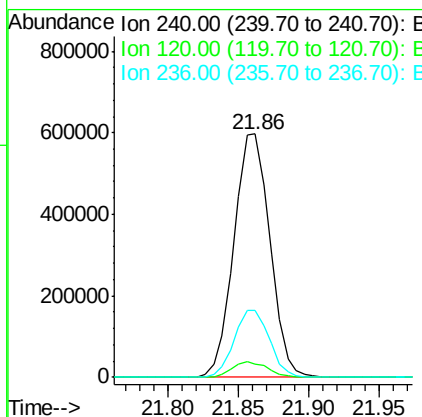
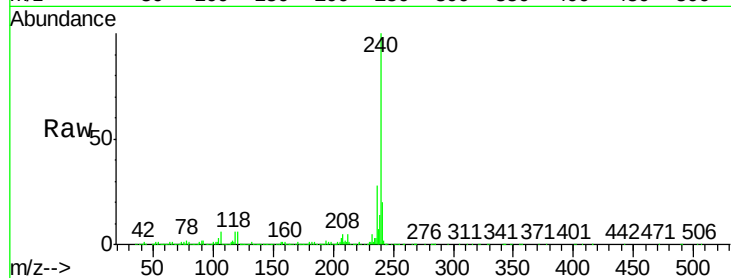




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.86 min Scan# 3238
 Delta R.T. 0.01 min
 Lab File: BG023101.D
 Acq: 14 Jul 2016 14:51

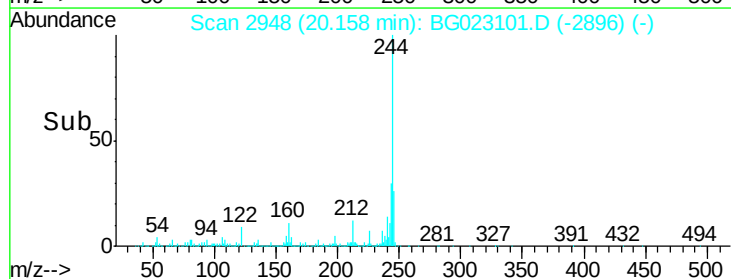
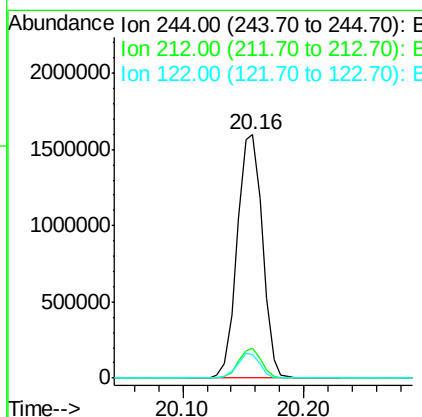
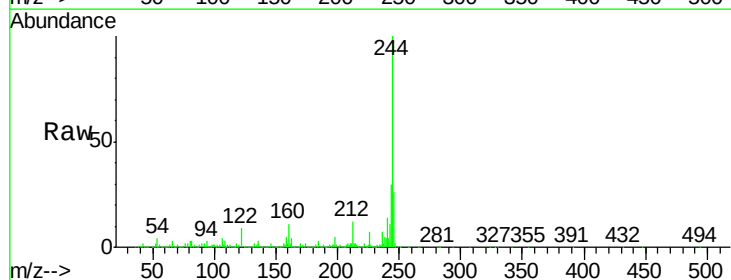
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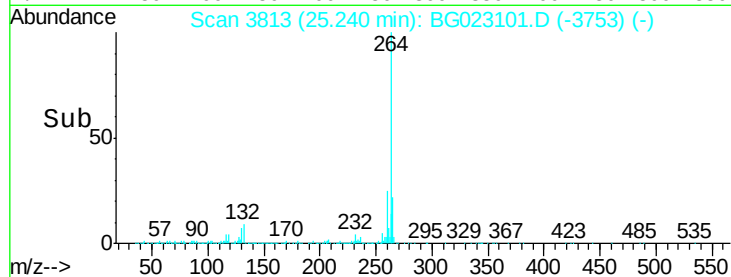
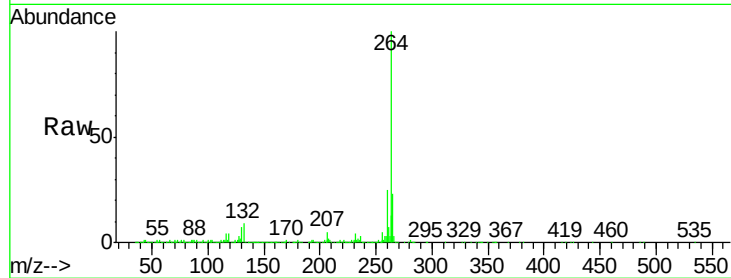
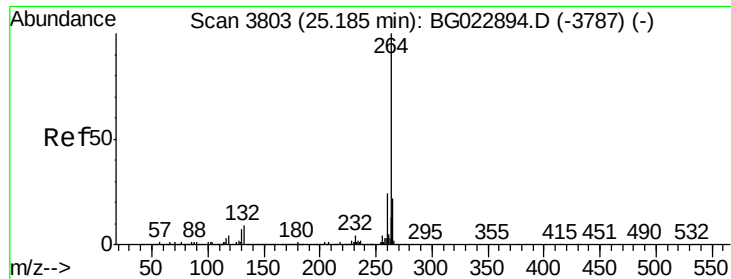
Tot Ion:240 Resp: 1064401
 Ion Ratio Lower Upper
 240 100
 120 5.6 4.1 6.1
 236 27.7 21.1 31.7



#78
 Terphenyl-d14
 Concen: 62.72 ng
 RT: 20.16 min Scan# 2948
 Delta R.T. 0.00 min
 Lab File: BG023101.D
 Acq: 14 Jul 2016 14:51

Tgt Ion:244 Resp: 2330320
 Ion Ratio Lower Upper
 244 100
 212 12.5 10.8 16.2
 122 9.4 8.0 12.0





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.24 min Scan# 3813
 Delta R.T. 0.06 min
 Lab File: BG023101.D
 Acq: 14 Jul 2016 14:51

Instrument :
 BNA_G
 ClientSampleId :
 C8-B2(5-11)C

Tot Ion:264 Resp: 1058338

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.4	27.6
265	22.7	18.9	28.3

