

Data Path : Z:\HPCHEM1\BNA G\DATA\BG073116\
 Data File : BG023361.D
 Acq On : 30 Jul 2016 17:28
 Operator : UM/SJ
 Sample : H4176-23
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 01 01:24:10 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG072616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:30:33 2016
 Response via : Initial Calibration

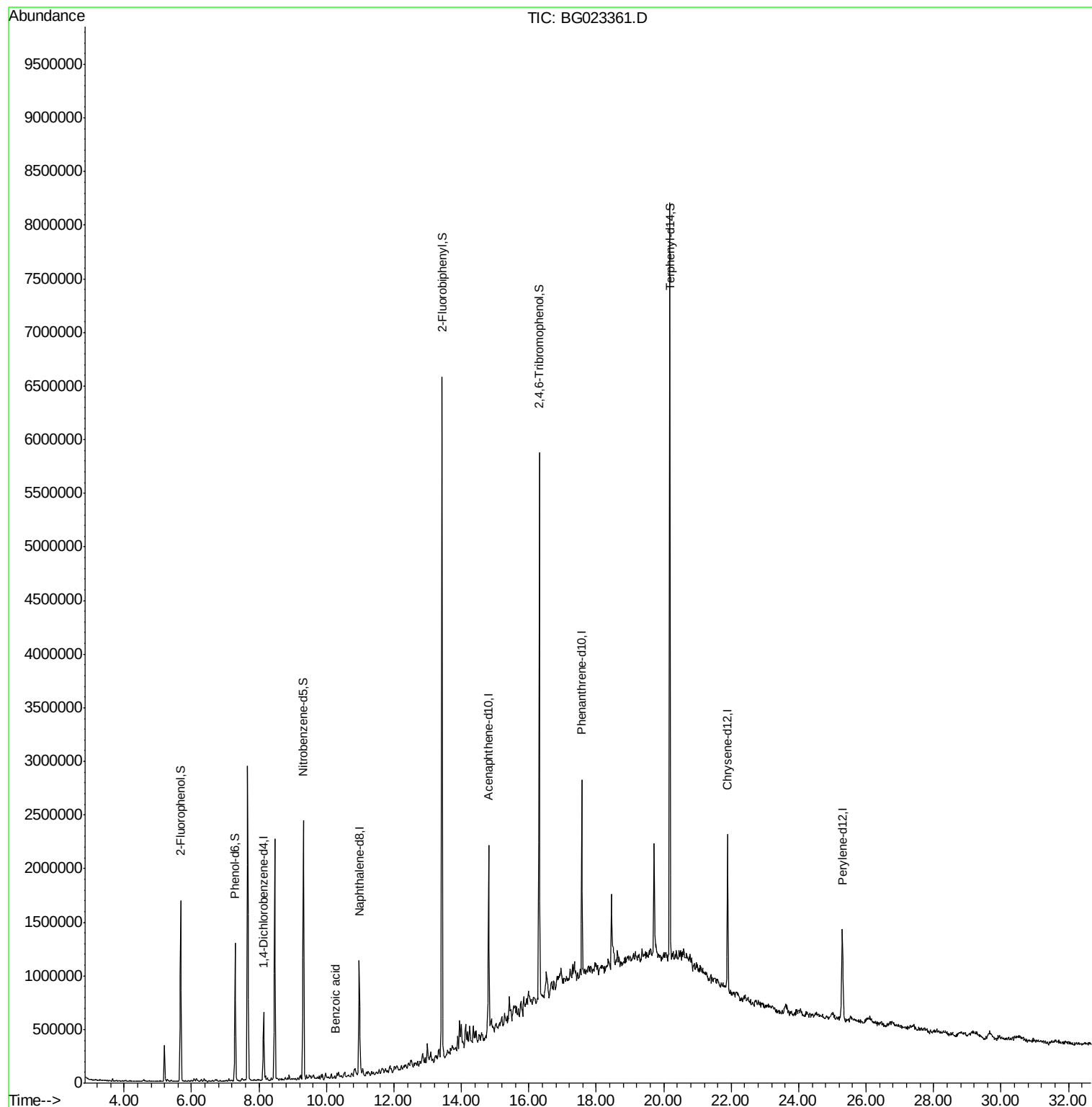
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	169501	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	867503	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	589652	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1041577	20.00	ng	0.00
75) Chrysene-d12	21.89	240	887878	20.00	ng	0.00
86) Perylene-d12	25.30	264	929814	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	735149	74.04	ng	0.00
7) Phenol-d6	7.29	99	801748	52.60	ng	0.00
23) Nitrobenzene-d5	9.32	82	1544428	87.06	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	942150	154.37	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2937799	93.25	ng	0.00
78) Terphenyl-d14	20.18	244	2589348	94.80	ng	0.00
Target Compounds						
32) Benzoic acid	10.27	122	174	8.12	ng	Qvalue # 35

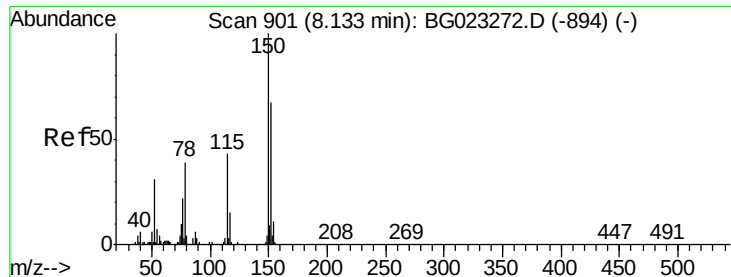
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.14 min Scan# 902

Delta R.T. -0.00 min

Lab File: BG023361.D

Acq: 30 Jul 2016 17:28

Instrument :

BNA_G

ClientSampleId :

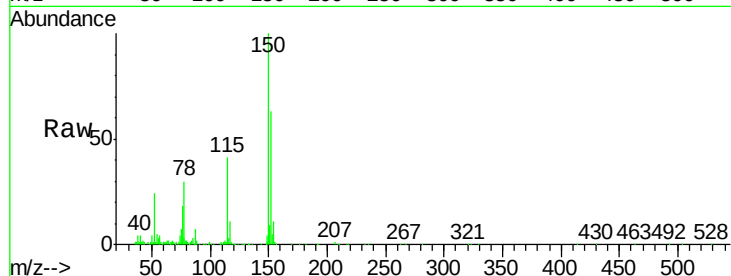
Tot Ion:152 Resp: 169501

Ion Ratio Lower Upper

152 100

150 158.3 144.7 217.1

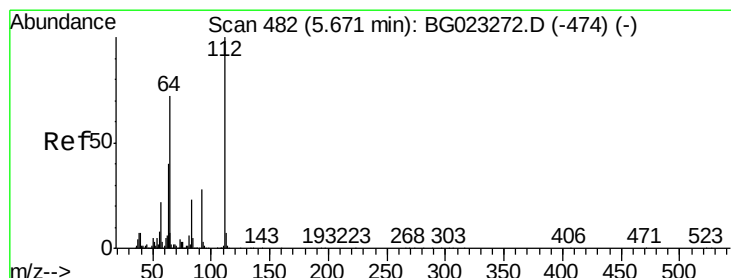
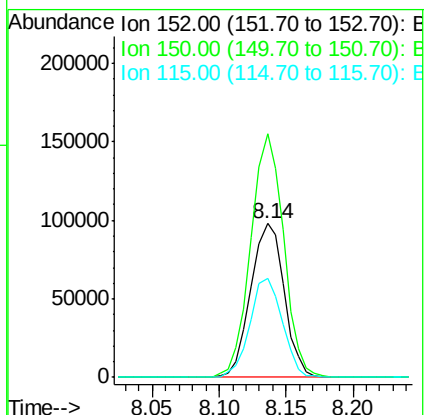
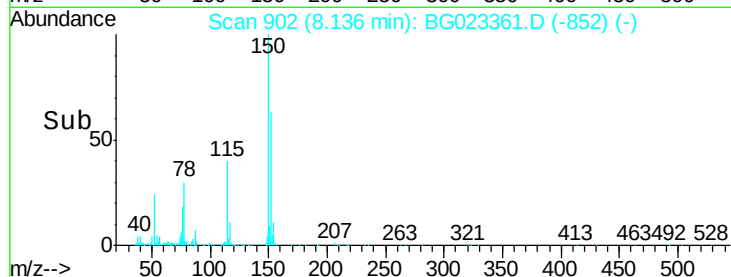
115 64.3 64.0 96.0



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: 74.04 ng

RT: 5.67 min Scan# 483

Delta R.T. 0.00 min

Lab File: BG023361.D

Acq: 30 Jul 2016 17:28

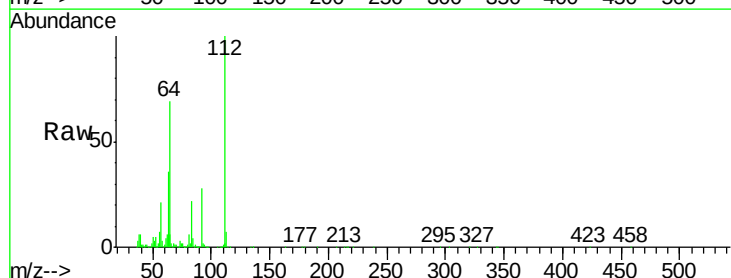
Tgt Ion:112 Resp: 735149

Ion Ratio Lower Upper

112 100

64 69.3 59.0 88.4

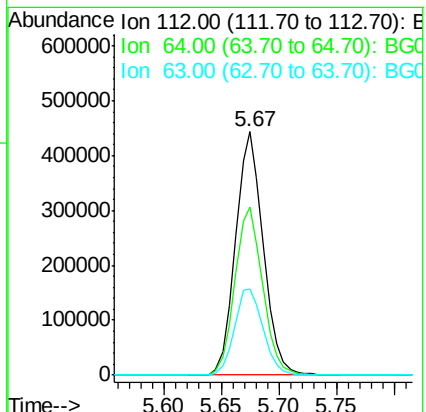
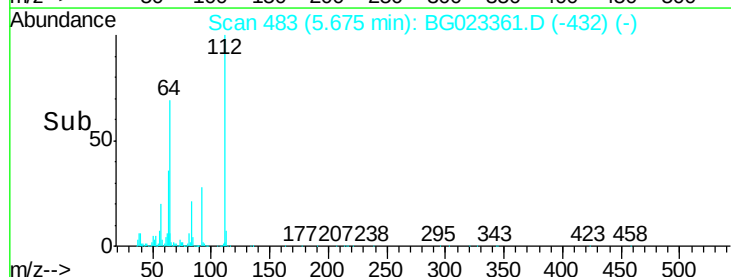
63 35.6 37.8 56.8#

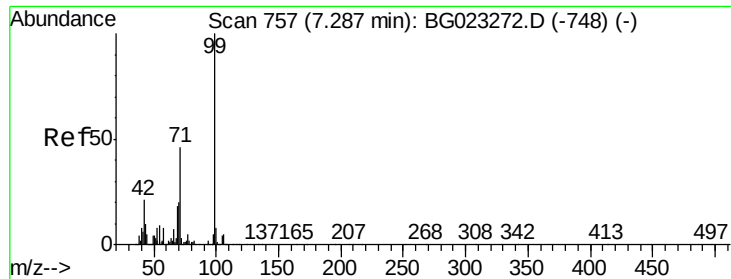


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 52.60 ng

RT: 7.29 min Scan# 758

Delta R.T. 0.00 min

Lab File: BG023361.D

Acq: 30 Jul 2016 17:28

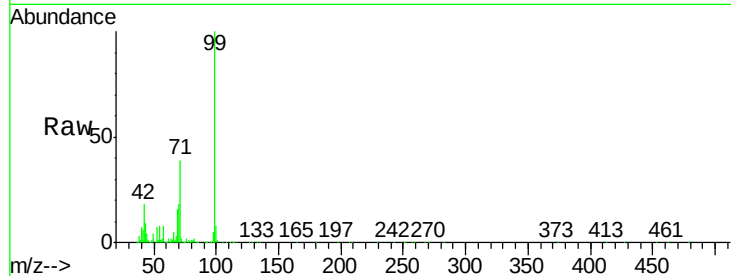
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 801748

Ion	Ratio	Lower	Upper
99	100		
42	18.0	17.8	26.6
71	38.7	41.5	62.3

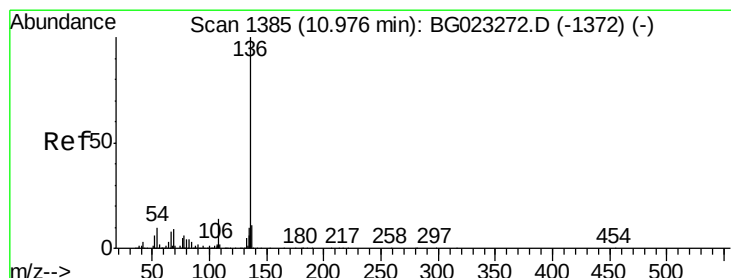
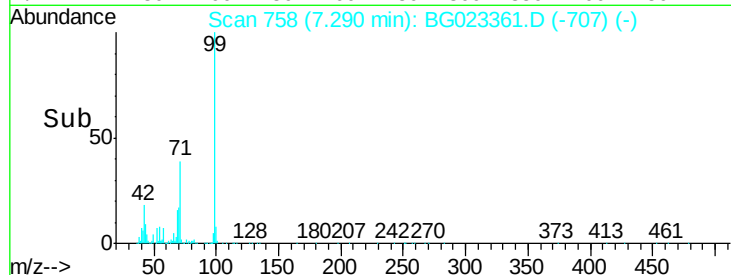
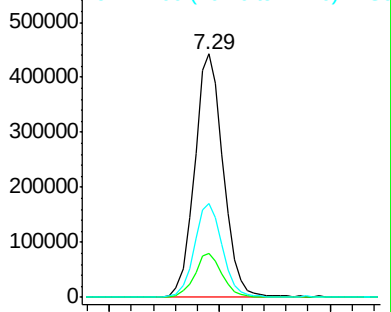


Abundance

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: 10.97 min Scan# 1385

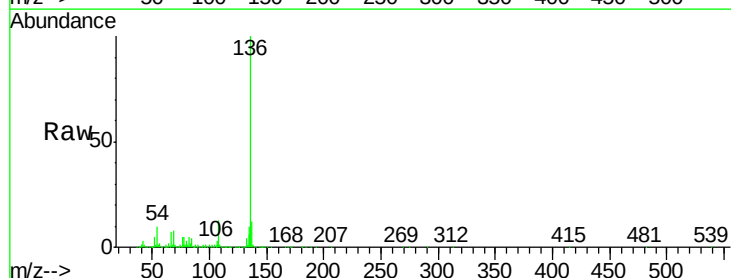
Delta R.T. -0.00 min

Lab File: BG023361.D

Acq: 30 Jul 2016 17:28

Tgt Ion: 136 Resp: 867503

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.6	14.4
54	9.8	7.3	10.9
68	7.6	5.3	7.9



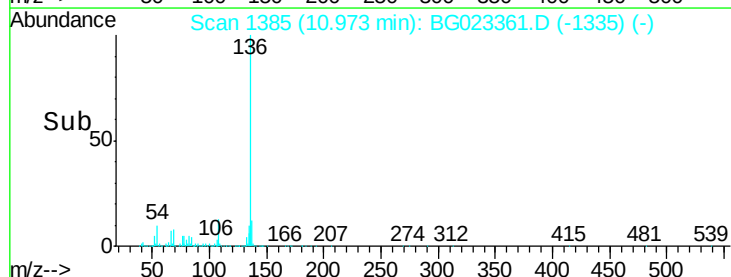
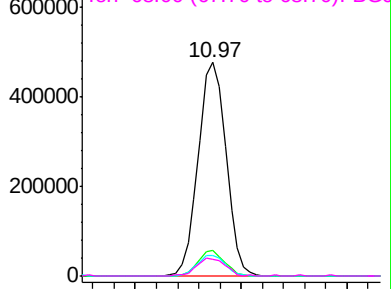
Abundance

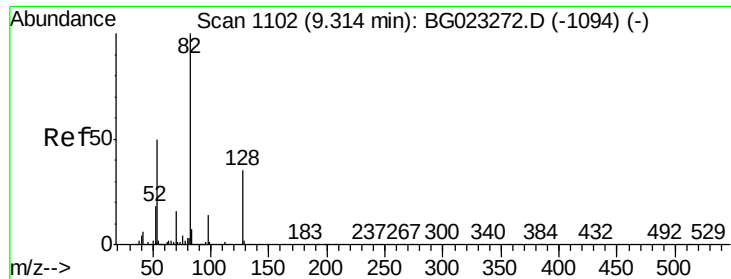
Ion 136.00 (135.70 to 136.70): BGC

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

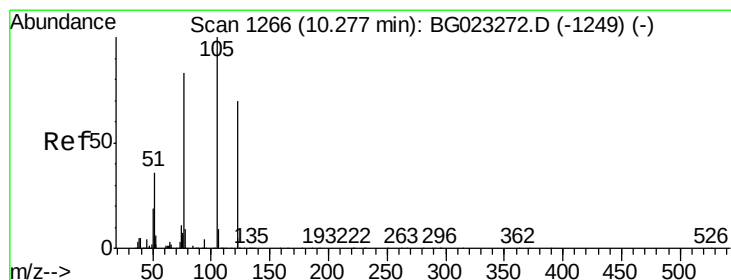
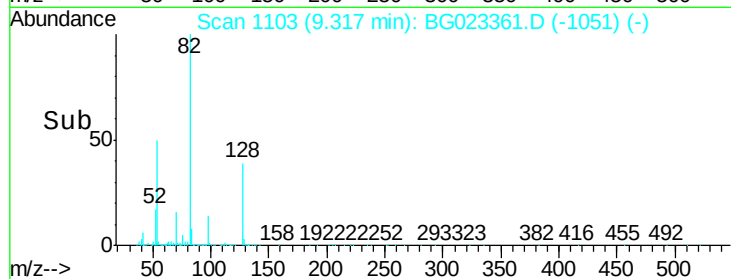
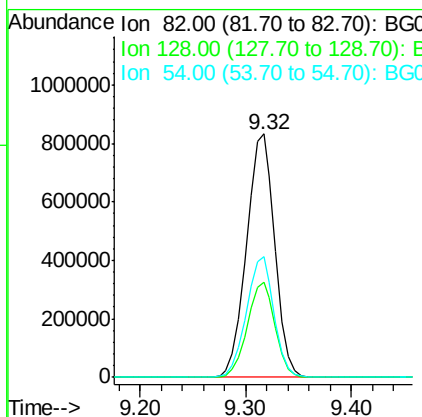
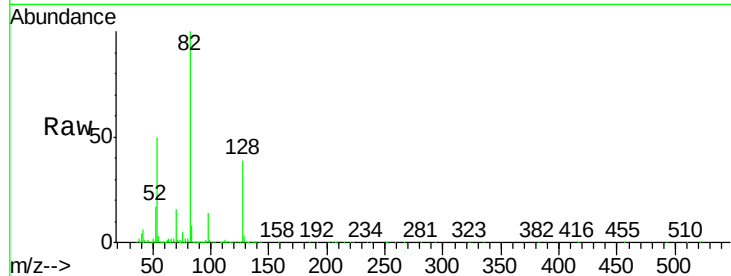




#23
 Nitrobenzene-d5
 Concen: 87.06 ng
 RT: 9.32 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: BG023361.D
 Acq: 30 Jul 2016 17:28

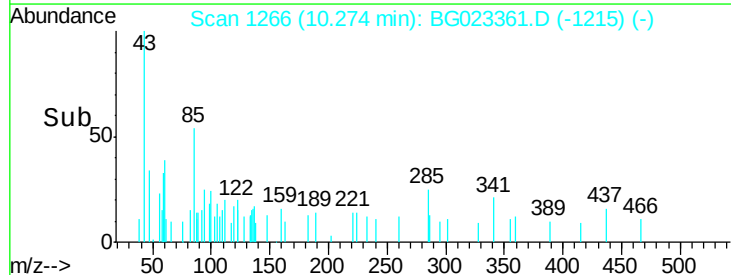
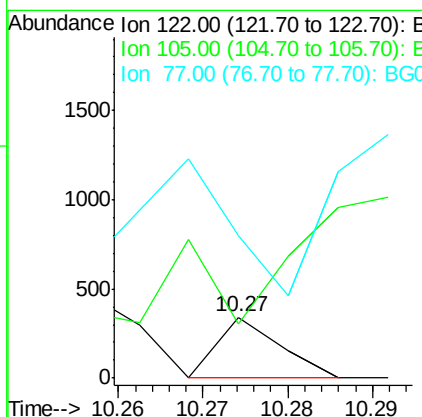
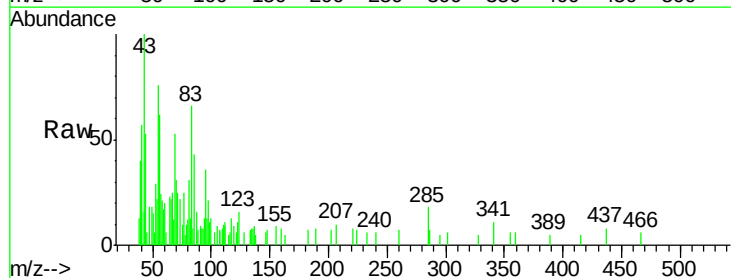
Instrument :
 BNA_G
 ClientSampleId :

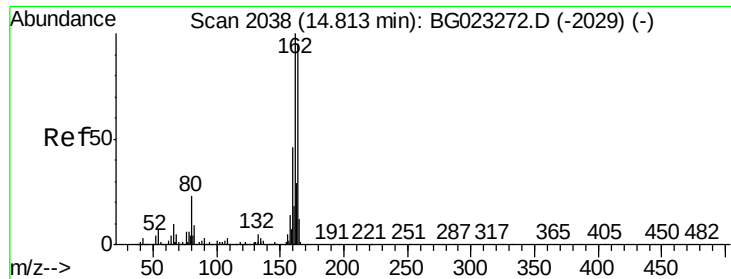
Tot Ion: 82 Resp: 1544428
 Ion Ratio Lower Upper
 82 100
 128 39.3 24.4 36.6#
 54 49.5 41.4 62.0



#32
 Benzoic acid
 Concen: 8.12 ng
 RT: 10.27 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: BG023361.D
 Acq: 30 Jul 2016 17:28

Tgt Ion: 122 Resp: 174
 Ion Ratio Lower Upper
 122 100
 105 89.4 117.2 157.2#
 77 234.9 109.2 149.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BG023361.D

Acq: 30 Jul 2016 17:28

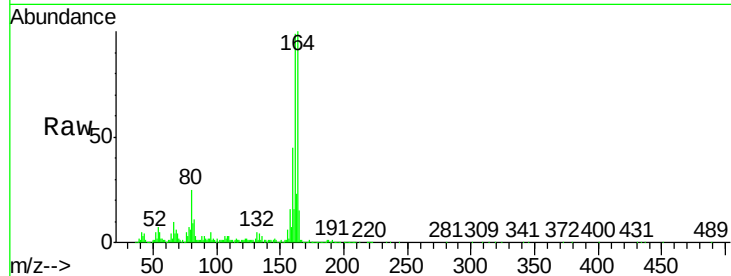
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 589652

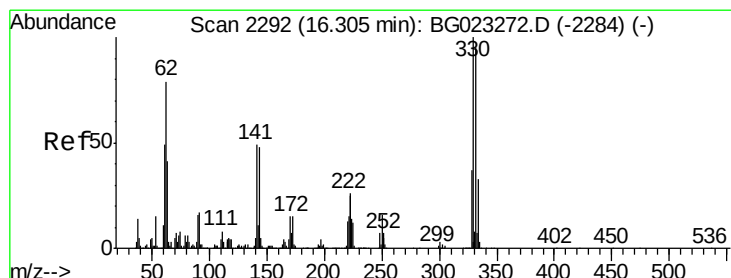
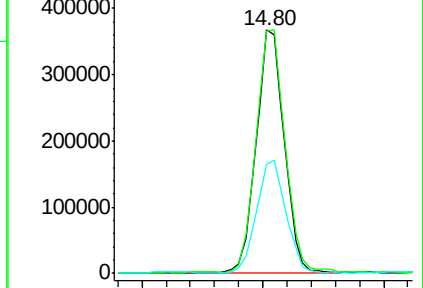
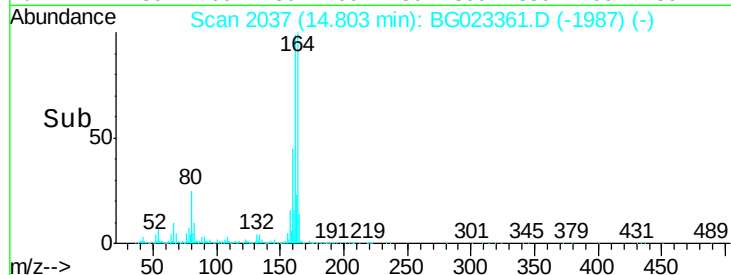
Ion	Ratio	Lower	Upper
164	100		
162	99.4	87.7	131.5
160	44.7	37.2	55.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 154.37 ng

RT: 16.31 min Scan# 2293

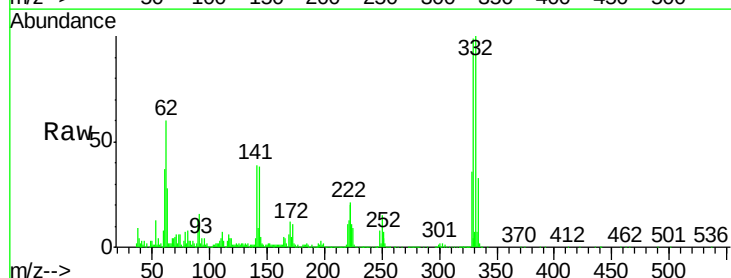
Delta R.T. 0.00 min

Lab File: BG023361.D

Acq: 30 Jul 2016 17:28

Tgt Ion:330 Resp: 942150

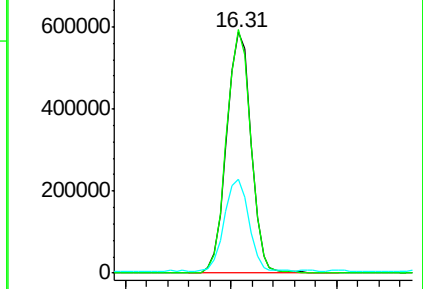
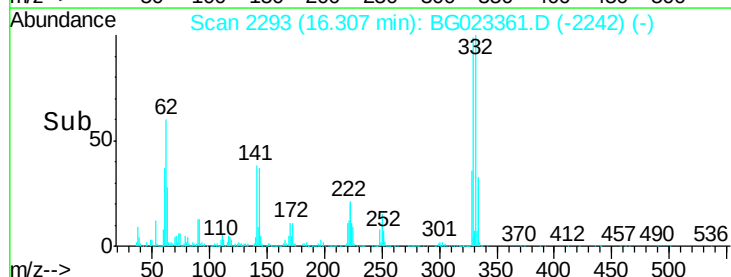
Ion	Ratio	Lower	Upper
330	100		
332	99.8	77.4	116.2
141	39.0	31.7	47.5

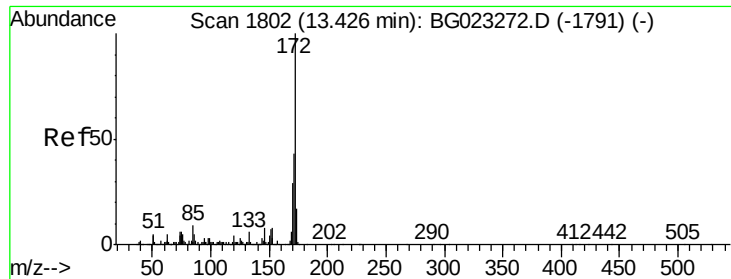


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

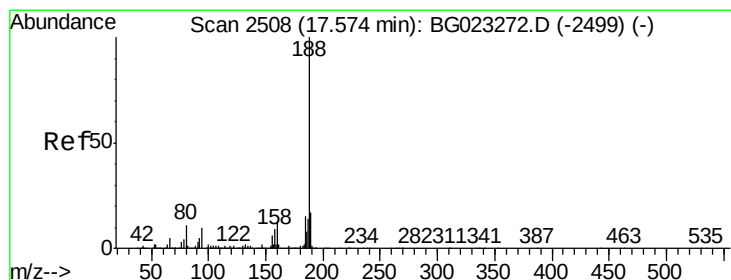
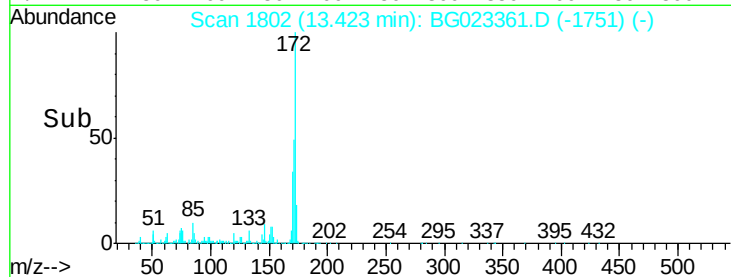
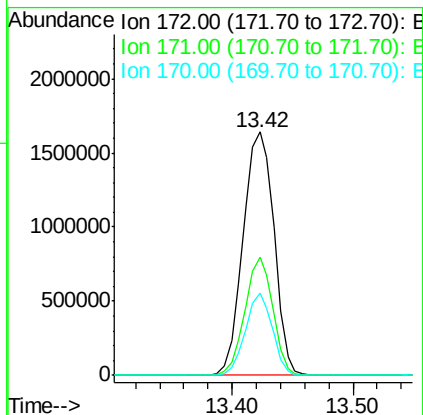
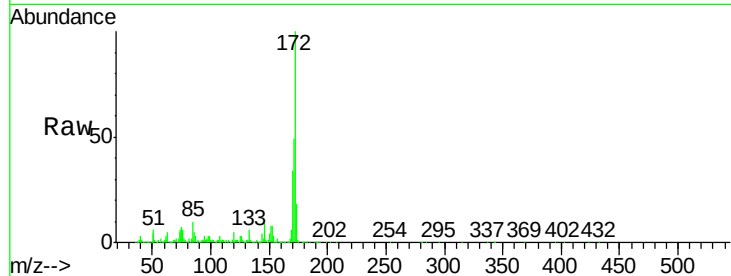




#44
 2-Fluorobiphenyl
 Concen: 93.25 ng
 RT: 13.42 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: BG023361.D
 Acq: 30 Jul 2016 17:28

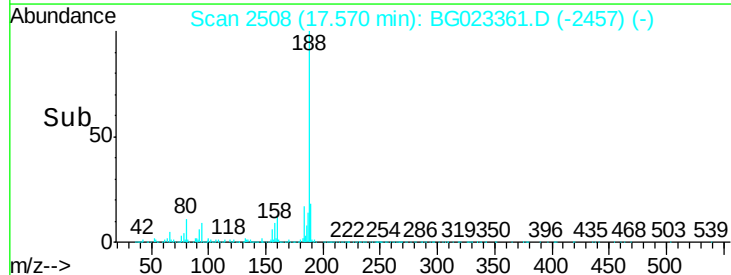
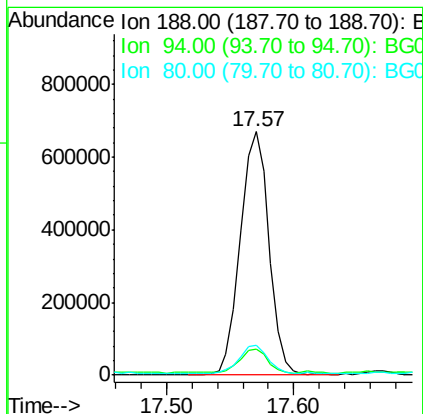
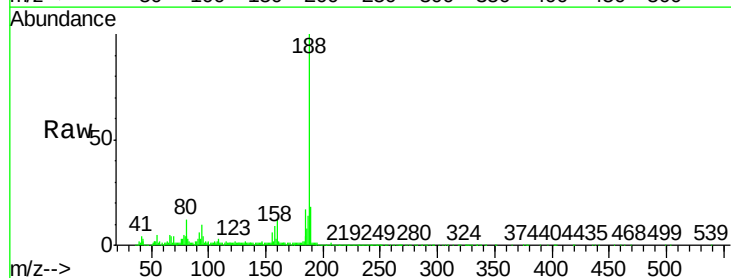
Instrument :
 BNA_G
 ClientSampleId :

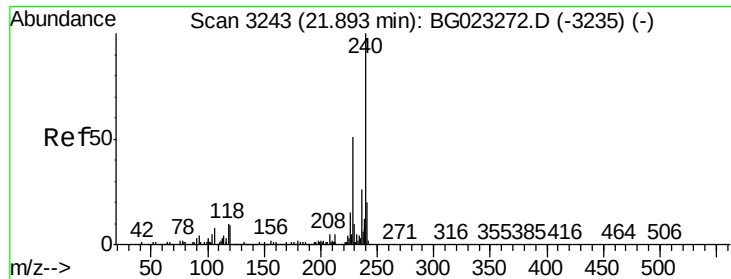
Tot Ion:172 Resp: 2937799
 Ion Ratio Lower Upper
 172 100
 171 48.5 31.6 47.4#
 170 33.6 21.3 31.9#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.57 min Scan# 2508
 Delta R.T. -0.00 min
 Lab File: BG023361.D
 Acq: 30 Jul 2016 17:28

Tgt Ion:188 Resp: 1041577
 Ion Ratio Lower Upper
 188 100
 94 10.5 5.2 7.8#
 80 12.3 7.2 10.8#

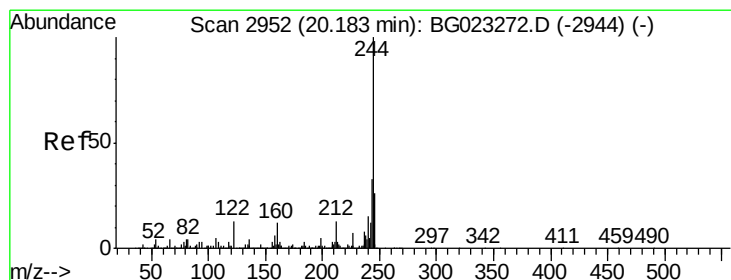
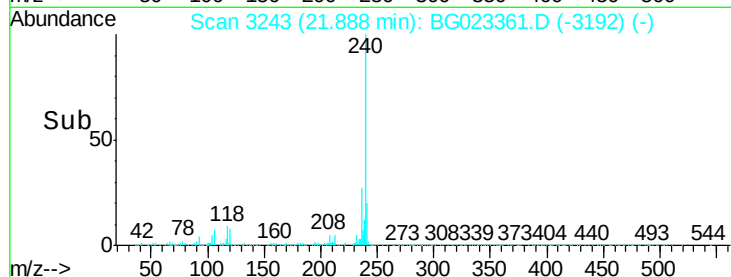
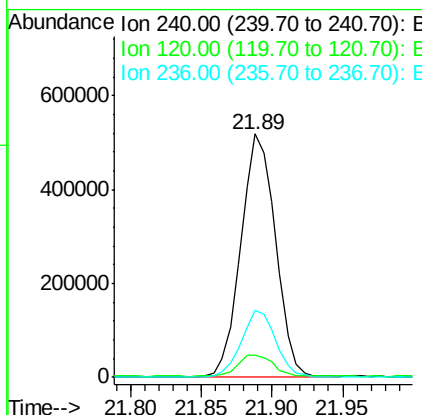
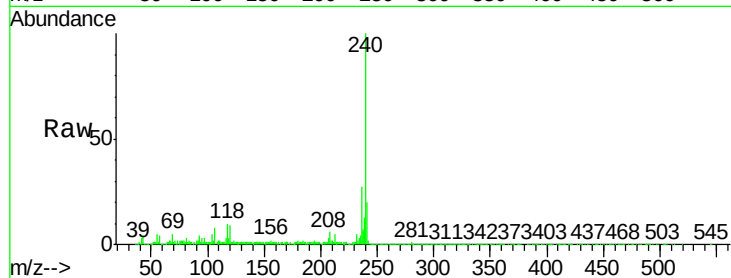




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.89 min Scan# 3243
Delta R.T. -0.00 min
Lab File: BG023361.D
Acq: 30 Jul 2016 17:28

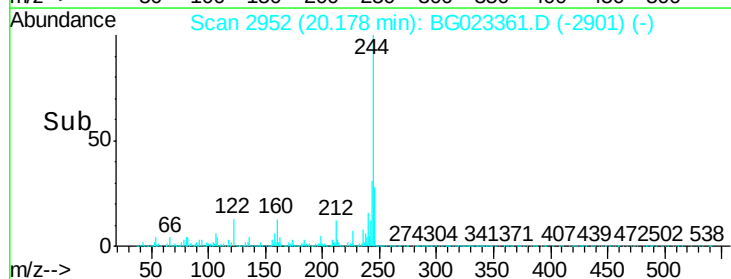
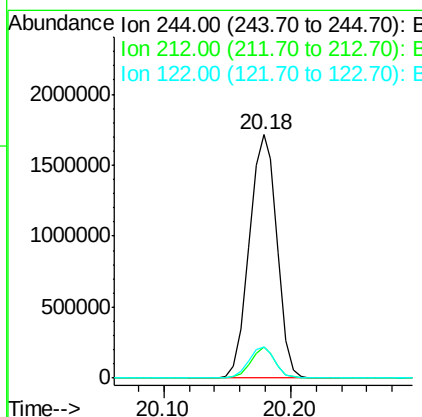
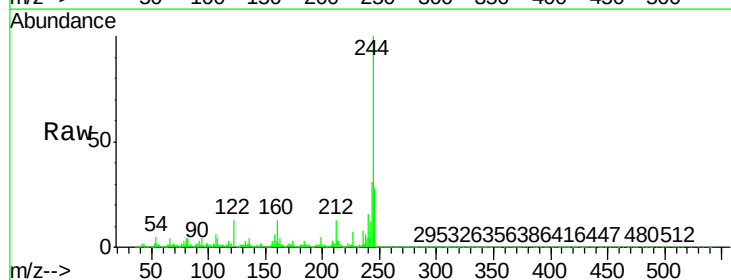
Instrument :
BNA_G
ClientSampleId :

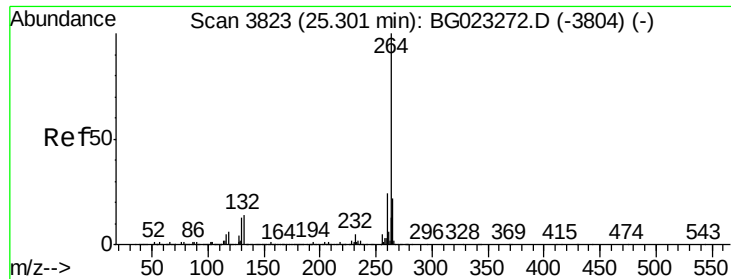
Tot Ion:240 Resp: 887878
Ion Ratio Lower Upper
240 100
120 8.9 4.1 6.1#
236 27.3 21.1 31.7



#78
Terphenyl-d14
Concen: 94.80 ng
RT: 20.18 min Scan# 2952
Delta R.T. 0.00 min
Lab File: BG023361.D
Acq: 30 Jul 2016 17:28

Tgt Ion:244 Resp: 2589348
Ion Ratio Lower Upper
244 100
212 12.6 10.8 16.2
122 12.9 8.0 12.0#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.30 min Scan# 3823
Delta R.T. -0.01 min
Lab File: BG023361.D
Acq: 30 Jul 2016 17:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	18.4	27.6
265	21.7	18.9	28.3

