

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073116\
 Data File : BG023369.D
 Acq On : 31 Jul 2016 15:35
 Operator : UM/SJ
 Sample : H4285-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AB-SLOPE(0-4)K

Quant Time: Aug 01 02:27:29 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

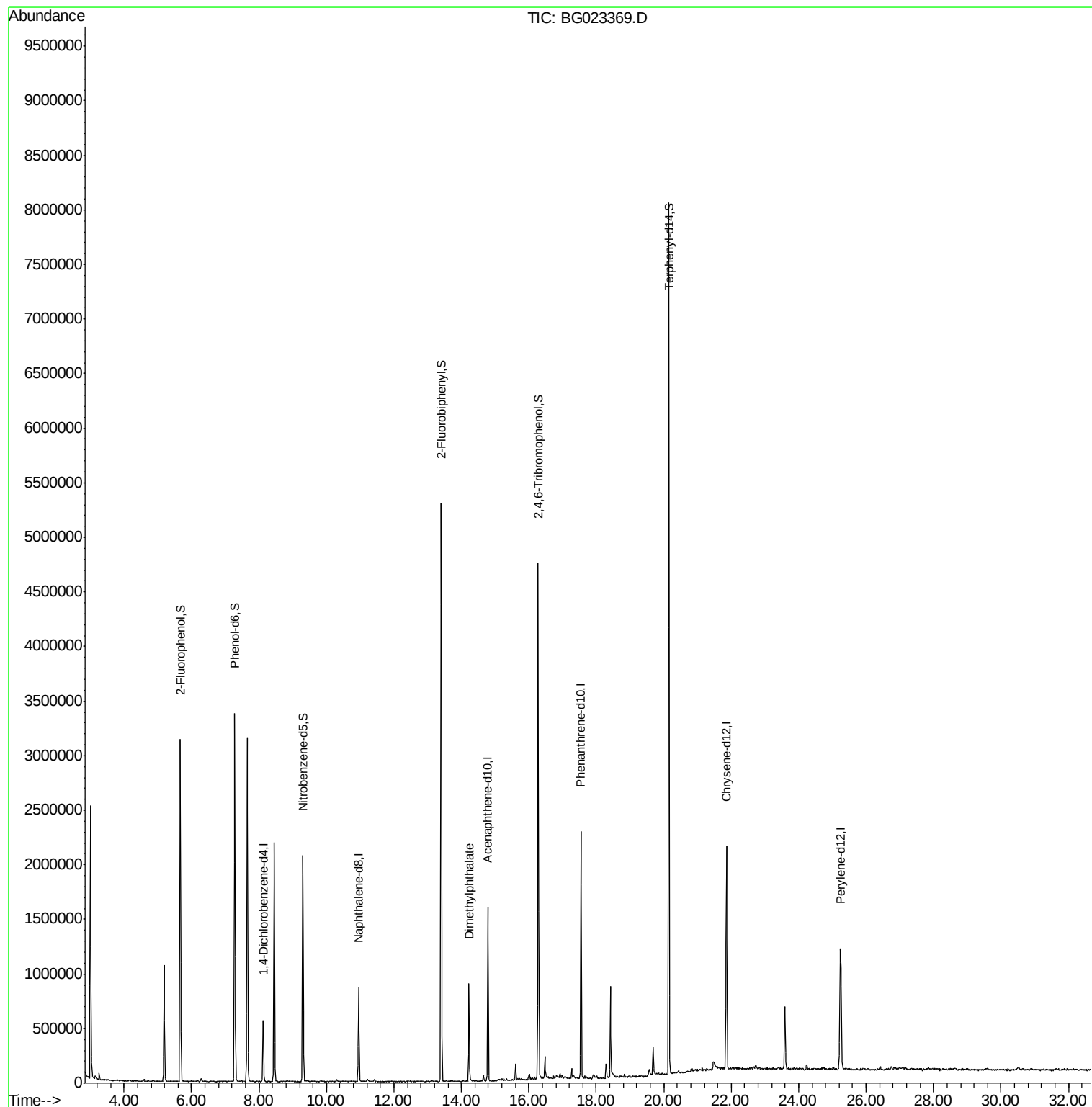
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	154836	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	723006	20.00	ng	-0.02
38) Acenaphthene-d10	14.79	164	537532	20.00	ng	-0.02
63) Phenanthrene-d10	17.55	188	1357067	20.00	ng	-0.02
75) Chrysene-d12	21.86	240	1199638	20.00	ng	-0.03
86) Perylene-d12	25.24	264	1219015	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	1378301	151.97	ng	0.00
7) Phenol-d6	7.28	99	2059707	147.92	ng	0.00
23) Nitrobenzene-d5	9.30	82	1353438	91.54	ng	-0.01
41) 2,4,6-Tribromophenol	16.28	330	868010	156.02	ng	-0.02
44) 2-Fluorobiphenyl	13.40	172	2529374	88.07	ng	-0.02
78) Terphenyl-d14	20.16	244	2913233	78.94	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.23	163	581885	14.67	ng	Qvalue 99

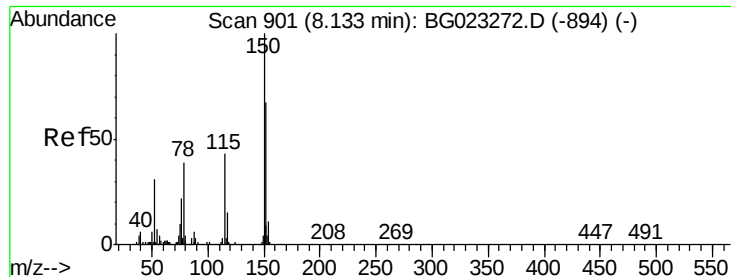
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 900

Delta R.T. -0.02 min

Lab File: BG023369.D

Acq: 31 Jul 2016 15:35

Instrument :

BNA_G

ClientSampleId :

AB-SLOPE(0-4)K

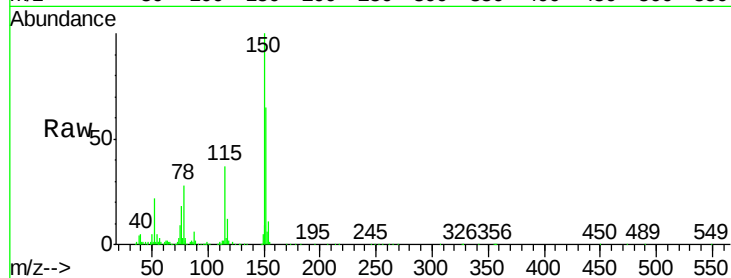
Tgt Ion:152 Resp: 154836

Ion Ratio Lower Upper

152 100

150 154.7 144.7 217.1

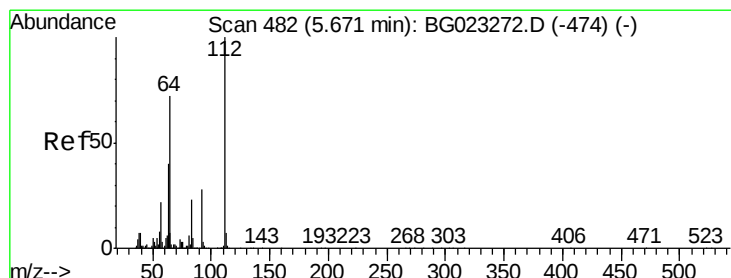
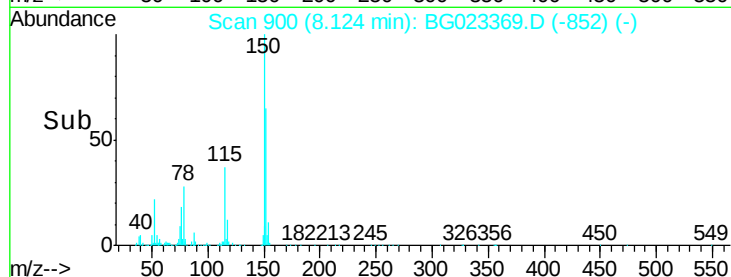
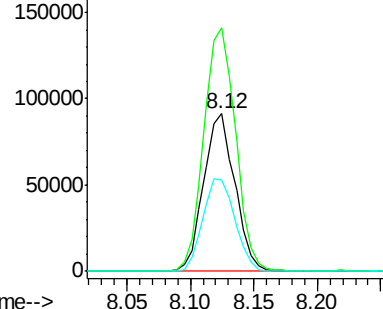
115 57.6 64.0 96.0#



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: 151.97 ng

RT: 5.66 min Scan# 481

Delta R.T. -0.01 min

Lab File: BG023369.D

Acq: 31 Jul 2016 15:35

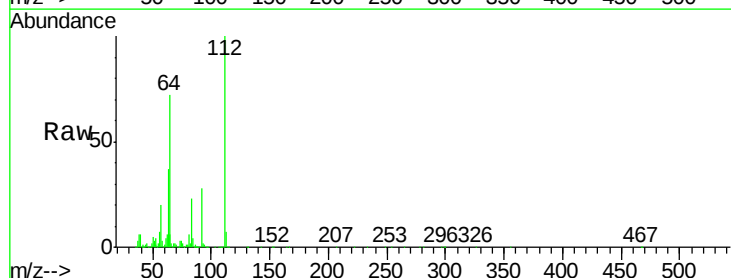
Tgt Ion:112 Resp: 1378301

Ion Ratio Lower Upper

112 100

64 71.7 59.0 88.4

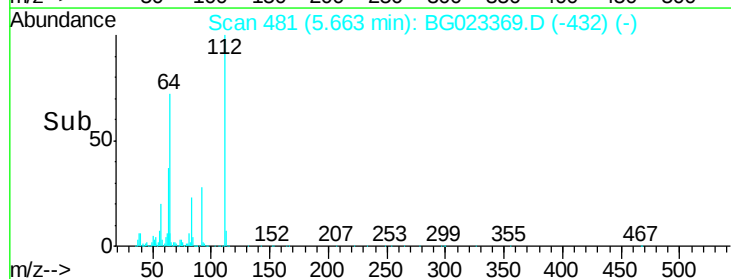
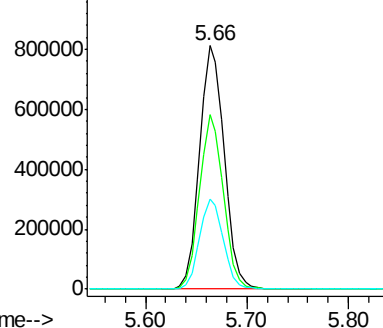
63 36.9 37.8 56.8#

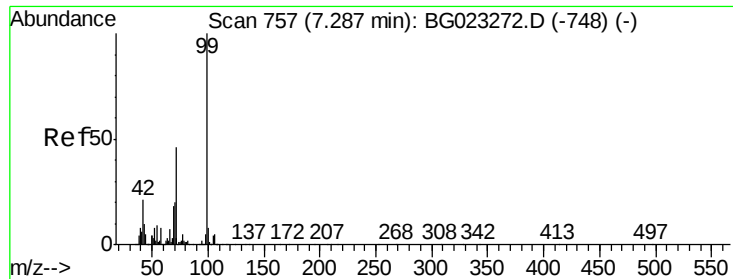


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 147.92 ng

RT: 7.28 min Scan# 756

Delta R.T. -0.01 min

Lab File: BG023369.D

Acq: 31 Jul 2016 15:35

Instrument :

BNA_G

ClientSampleId :

AB-SLOPE(0-4)K

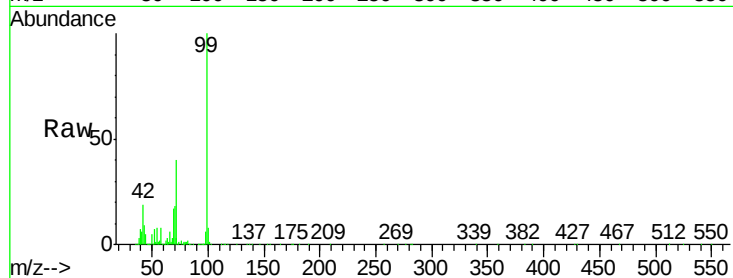
Tgt Ion: 99 Resp: 2059707

Ion Ratio Lower Upper

99 100

42 18.6 17.8 26.6

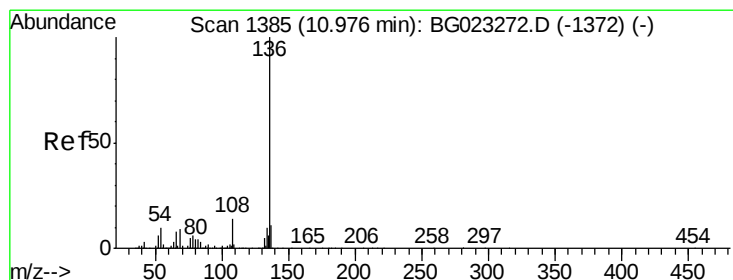
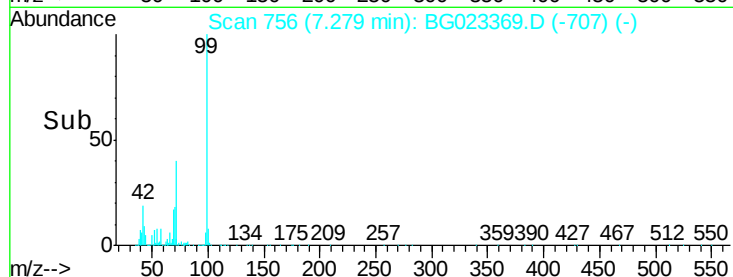
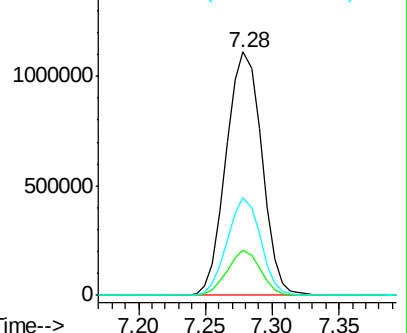
71 40.2 41.5 62.3#



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: 10.96 min Scan# 1382

Delta R.T. -0.02 min

Lab File: BG023369.D

Acq: 31 Jul 2016 15:35

Tgt Ion: 136 Resp: 723006

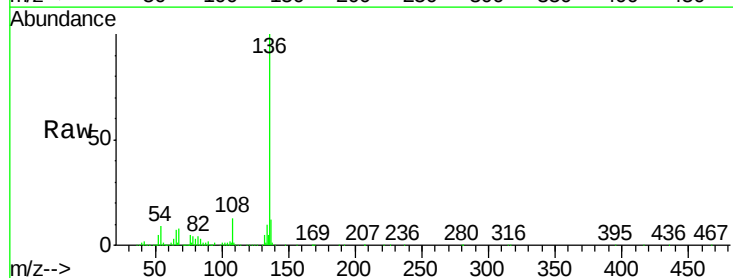
Ion Ratio Lower Upper

136 100

137 11.7 9.6 14.4

54 9.4 7.3 10.9

68 8.3 5.3 7.9#

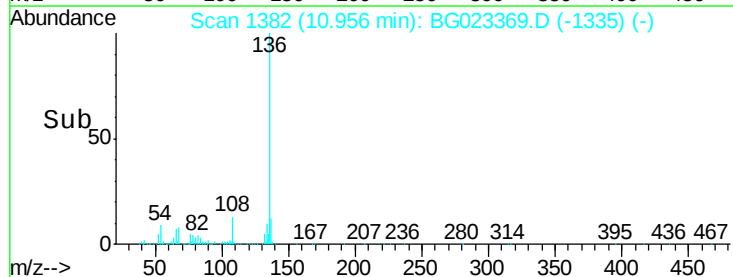
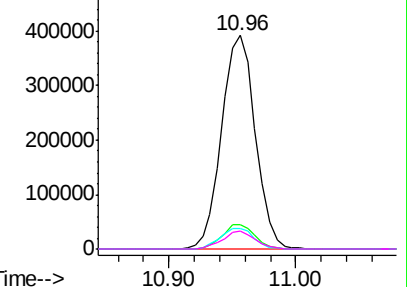


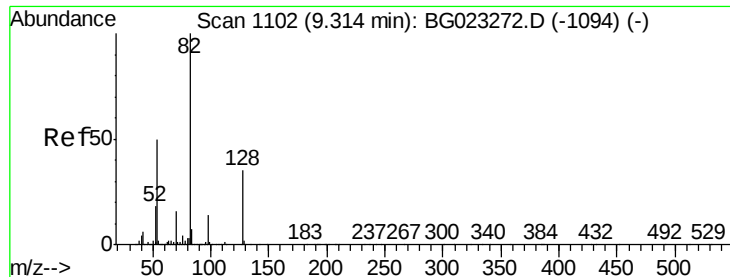
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

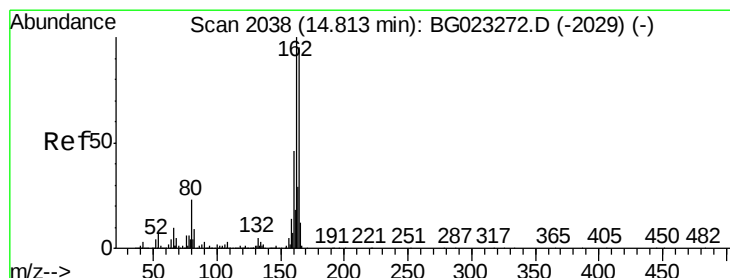
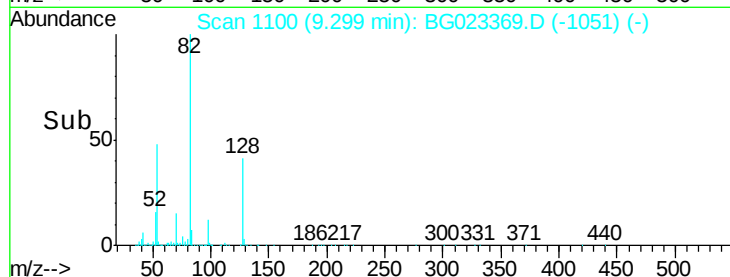
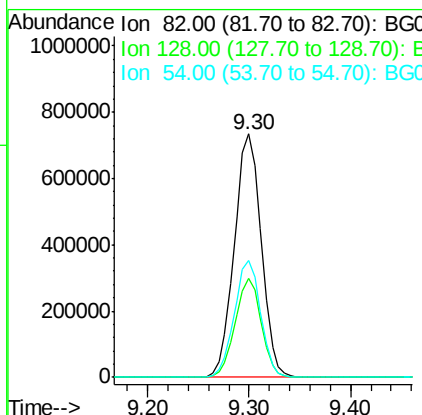
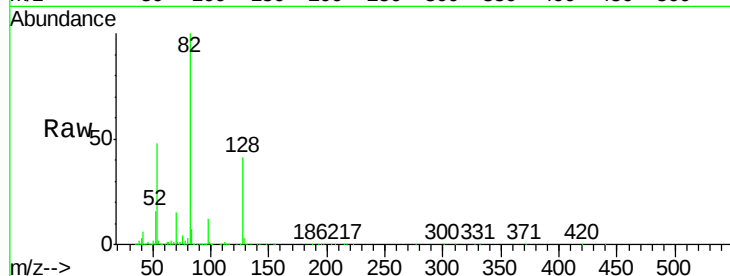




#23
Nitrobenzene-d5
Concen: 91.54 ng
RT: 9.30 min Scan# 1100
Delta R.T. -0.01 min
Lab File: BG023369.D
Acq: 31 Jul 2016 15:35

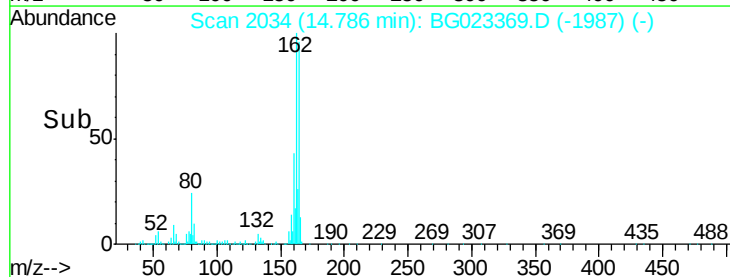
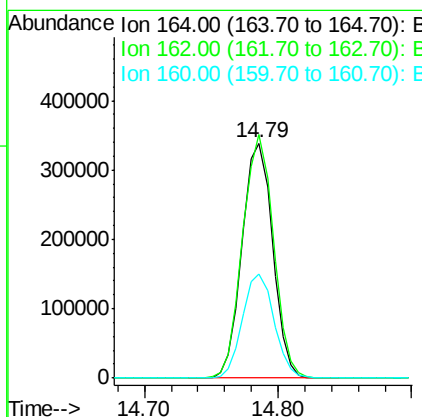
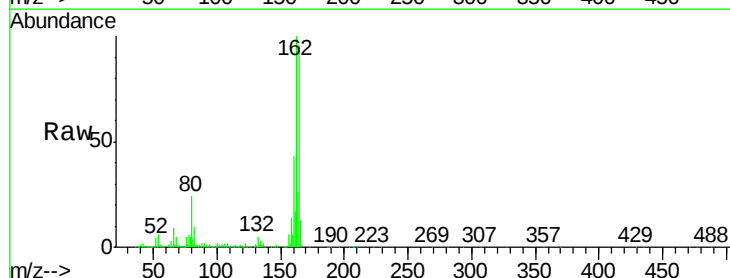
Instrument :
BNA_G
ClientSampleId :
AB-SLOPE(0-4)K

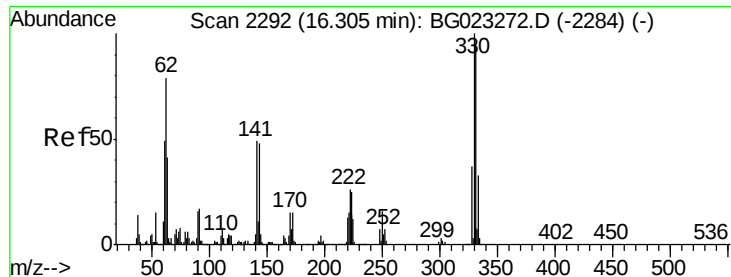
Tgt Ion: 82 Resp: 1353438
Ion Ratio Lower Upper
82 100
128 40.9 24.4 36.6#
54 47.9 41.4 62.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.79 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BG023369.D
Acq: 31 Jul 2016 15:35

Tgt Ion: 164 Resp: 537532
Ion Ratio Lower Upper
164 100
162 103.7 87.7 131.5
160 44.4 37.2 55.8

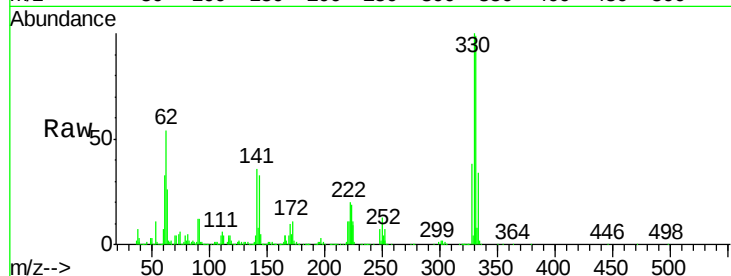




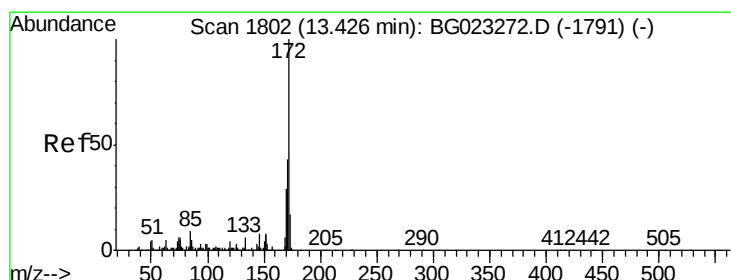
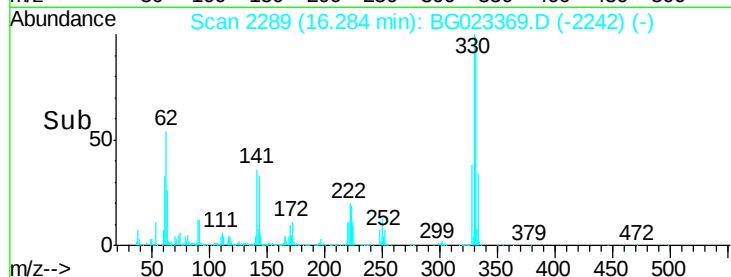
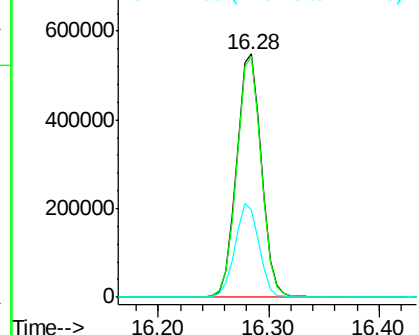
#41
 2,4,6-Tribromophenol
 Concen: 156.02 ng
 RT: 16.28 min Scan# 2289
 Delta R.T. -0.02 min
 Lab File: BG023369.D
 Acq: 31 Jul 2016 15:35

Instrument :
 BNA_G
 ClientSampleId :
 AB-SLOPE(0-4)K

Tgt Ion:330 Resp: 868010
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.4 116.2
 141 37.4 31.7 47.5

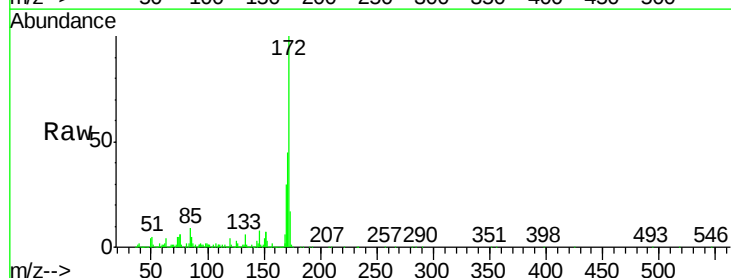


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

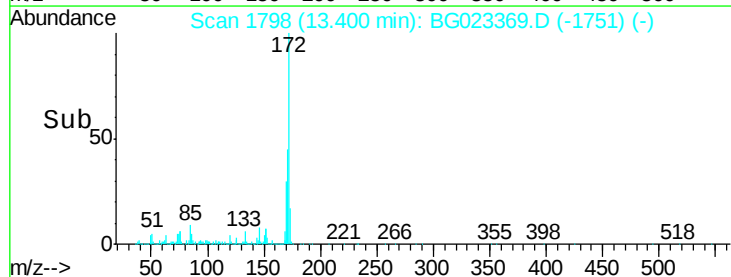
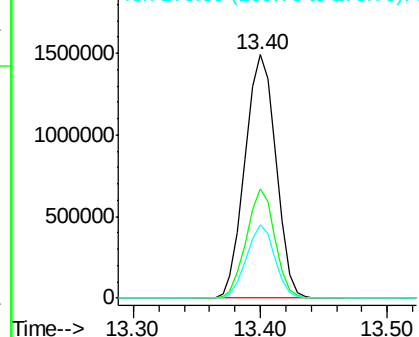


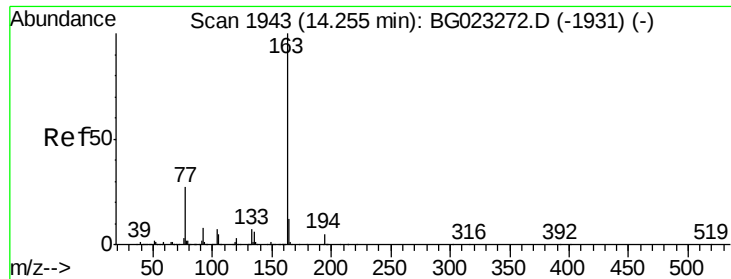
#44
 2-Fluorobiphenyl
 Concen: 88.07 ng
 RT: 13.40 min Scan# 1798
 Delta R.T. -0.02 min
 Lab File: BG023369.D
 Acq: 31 Jul 2016 15:35

Tgt Ion:172 Resp: 2529374
 Ion Ratio Lower Upper
 172 100
 171 45.0 31.6 47.4
 170 30.2 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: 14.67 ng

RT: 14.23 min Scan# 1939

Delta R.T. -0.02 min

Lab File: BG023369.D

Acq: 31 Jul 2016 15:35

Instrument :

BNA_G

ClientSampleId :

AB-SLOPE(0-4)K

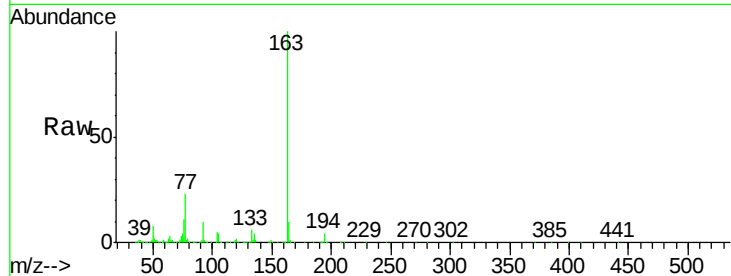
Tgt Ion:163 Resp: 581885

Ion Ratio Lower Upper

163 100

194 3.8 3.6 5.4

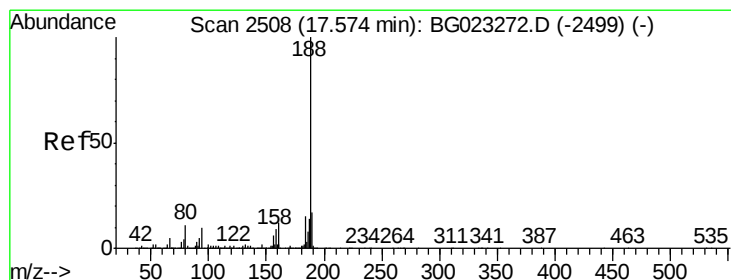
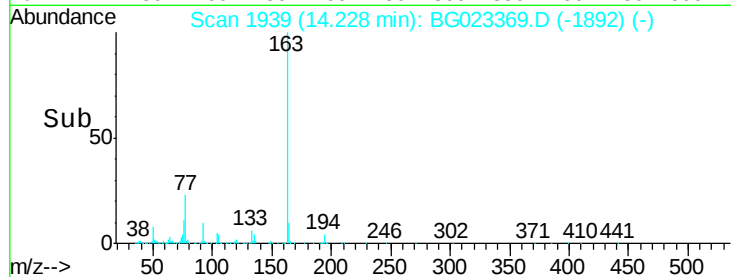
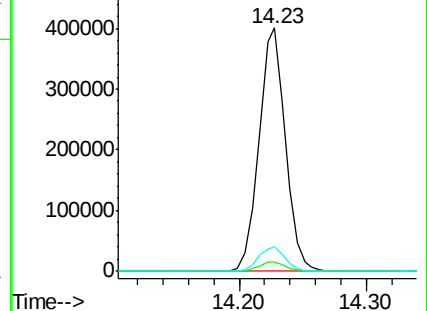
164 10.0 8.1 12.1



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# 2504

Delta R.T. -0.02 min

Lab File: BG023369.D

Acq: 31 Jul 2016 15:35

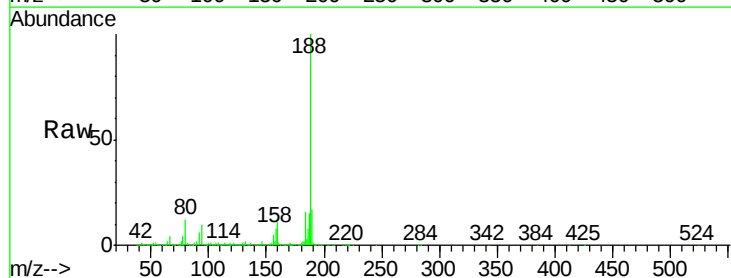
Tgt Ion:188 Resp: 1357067

Ion Ratio Lower Upper

188 100

94 10.2 5.2 7.8#

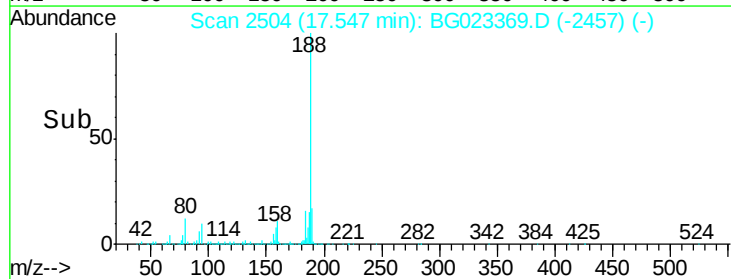
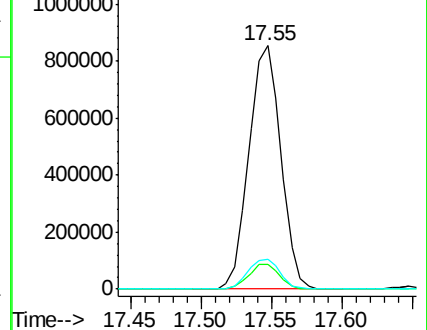
80 12.4 7.2 10.8#

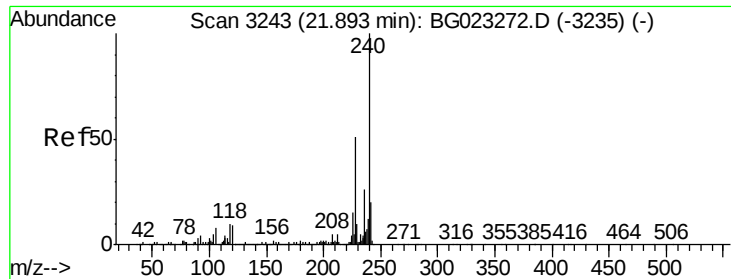


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

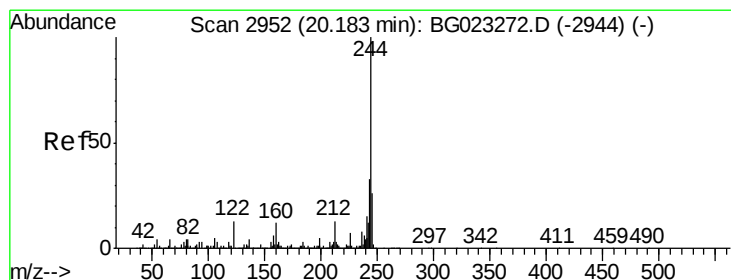
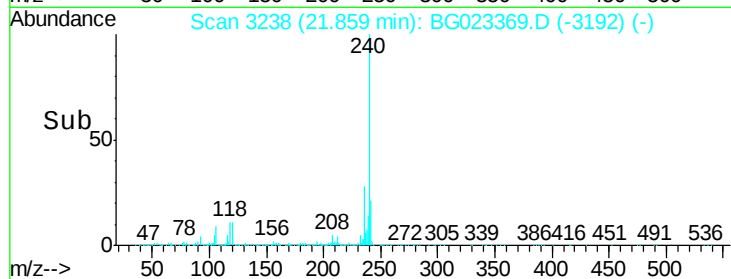
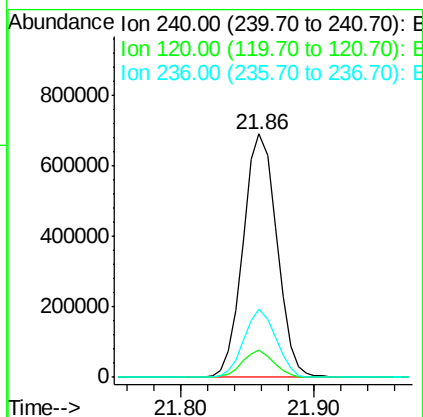
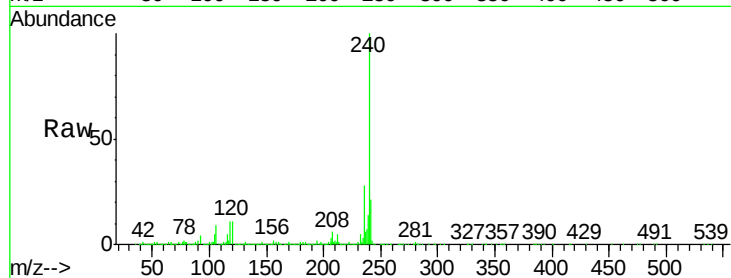




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.86 min Scan# 3238
Delta R.T. -0.03 min
Lab File: BG023369.D
Acq: 31 Jul 2016 15:35

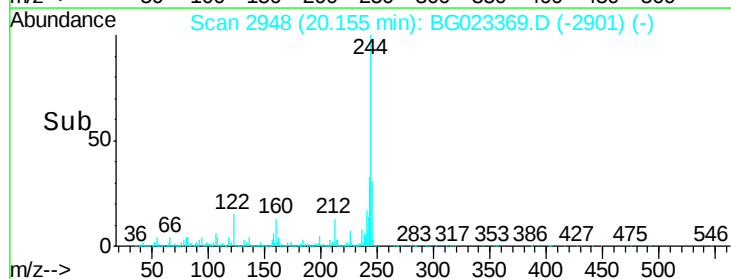
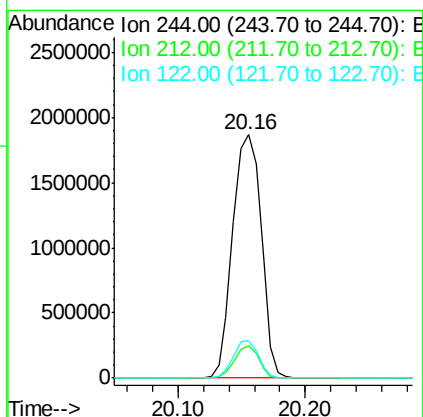
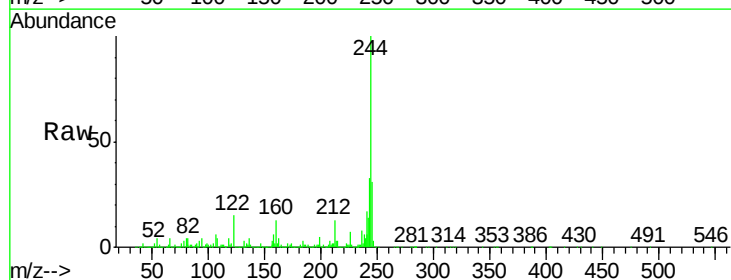
Instrument :
BNA_G
ClientSampleId :
AB-SLOPE(0-4)K

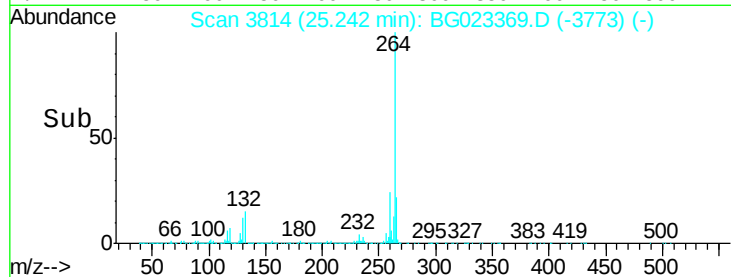
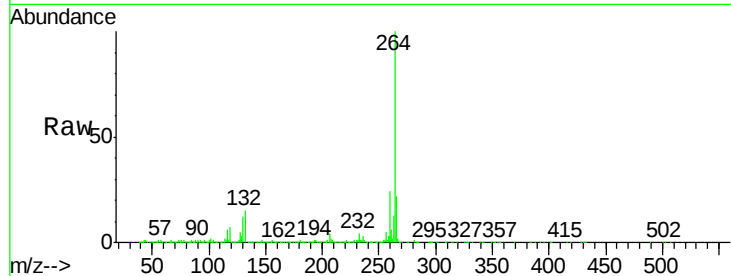
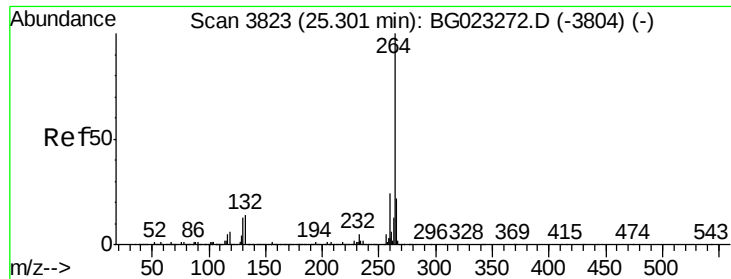
Tgt Ion:240 Resp: 1199638
Ion Ratio Lower Upper
240 100
120 11.2 4.1 6.1#
236 27.9 21.1 31.7



#78
Terphenyl-d14
Concen: 78.94 ng
RT: 20.16 min Scan# 2948
Delta R.T. -0.02 min
Lab File: BG023369.D
Acq: 31 Jul 2016 15:35

Tgt Ion:244 Resp: 2913233
Ion Ratio Lower Upper
244 100
212 13.5 10.8 16.2
122 15.3 8.0 12.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.24 min Scan# 3814
Delta R.T. -0.06 min
Lab File: BG023369.D
Acq: 31 Jul 2016 15:35

Instrument :
BNA_G
ClientSampleId :
AB-SLOPE(0-4)K

Tgt Ion:264 Resp: 1219015
Ion Ratio Lower Upper
264 100
260 24.3 18.4 27.6
265 21.9 18.9 28.3

