

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072916\
 Data File : BG023329.D
 Acq On : 29 Jul 2016 7:04
 Operator : UM/SJ
 Sample : H4213-14
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 L-3

Quant Time: Jul 29 07:55:00 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

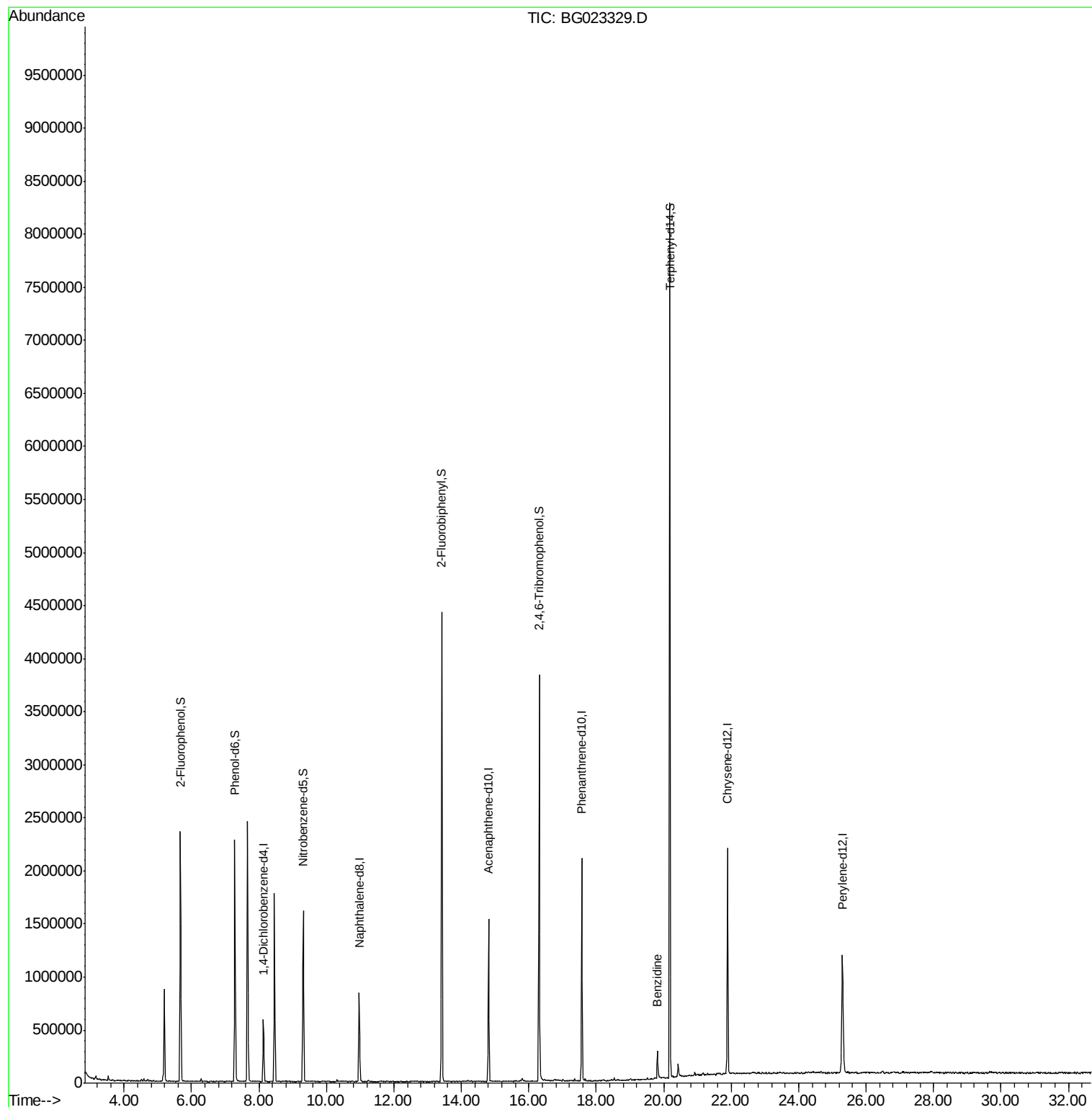
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	159967	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	741604	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	519229	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1220407	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1255619	20.00	ng	0.00
86) Perylene-d12	25.30	264	1257274	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	1009537	107.74	ng	0.00
7) Phenol-d6	7.28	99	1443506	100.34	ng	0.00
23) Nitrobenzene-d5	9.31	82	1025594	67.63	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	716054	133.24	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2206571	79.54	ng	0.00
78) Terphenyl-d14	20.18	244	2929245	75.84	ng	0.00
Target Compounds						
76) Benzidine	19.81	184	186566	5.28	ng	Qvalue 97

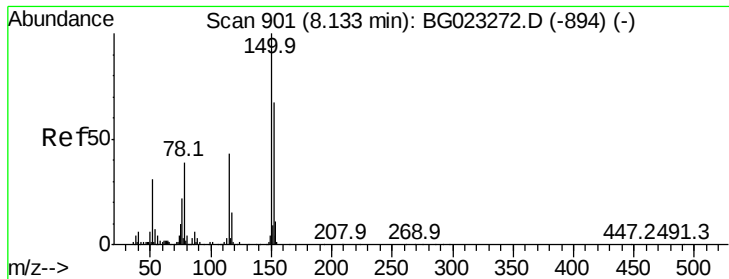
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 27 17:30:33 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.14 min Scan# 902

Delta R.T. -0.00 min

Lab File: BG023329.D

Acq: 29 Jul 2016 7:04

Instrument :

BNA_G

ClientSampleId :

L-3

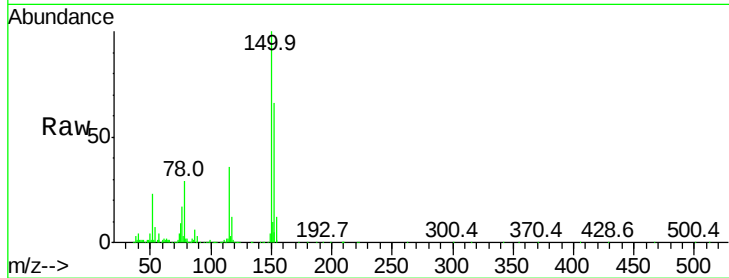
Tot Ion:152 Resp: 159967

Ion Ratio Lower Upper

152 100

150 151.3 144.7 217.1

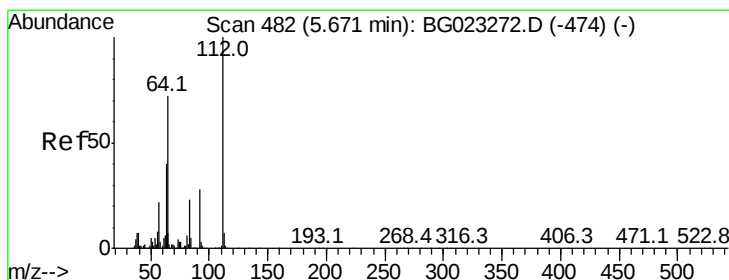
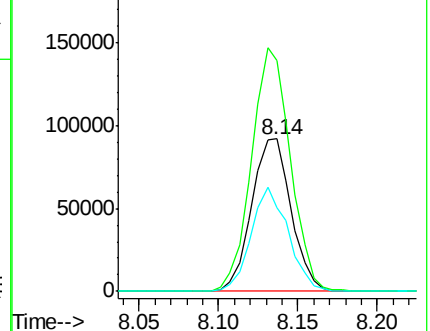
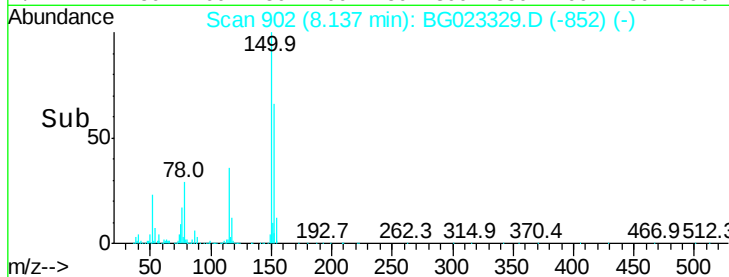
115 54.9 64.0 96.0#



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: 107.74 ng

RT: 5.67 min Scan# 482

Delta R.T. -0.00 min

Lab File: BG023329.D

Acq: 29 Jul 2016 7:04

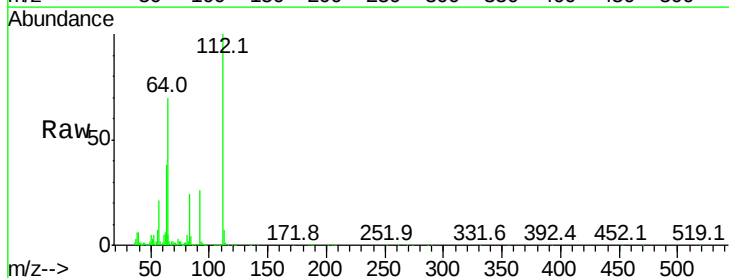
Tgt Ion:112 Resp: 1009537

Ion Ratio Lower Upper

112 100

64 69.6 59.0 88.4

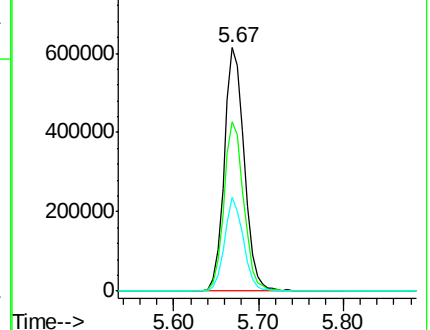
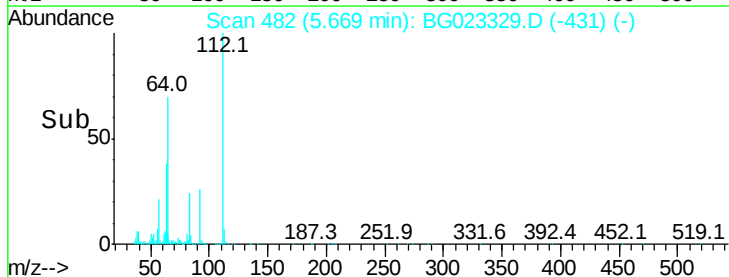
63 38.3 37.8 56.8

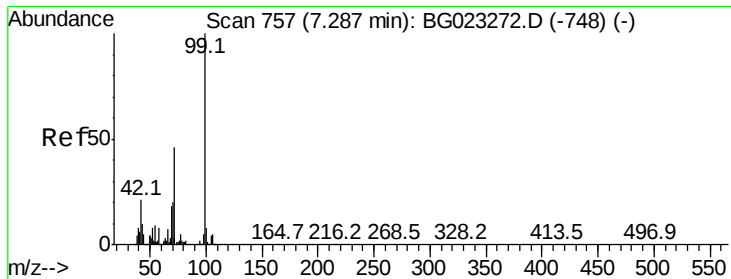


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 100.34 ng

RT: 7.28 min Scan# 757

Delta R.T. -0.00 min

Lab File: BG023329.D

Acq: 29 Jul 2016 7:04

Instrument :

BNA_G

ClientSampleId :

L-3

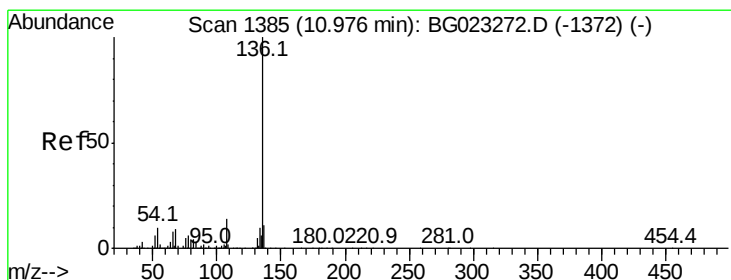
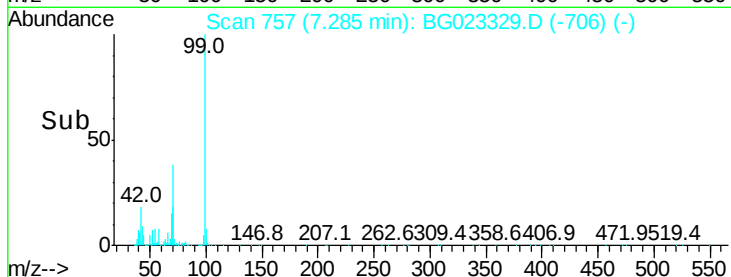
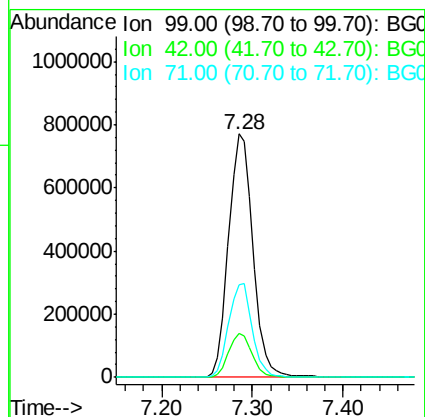
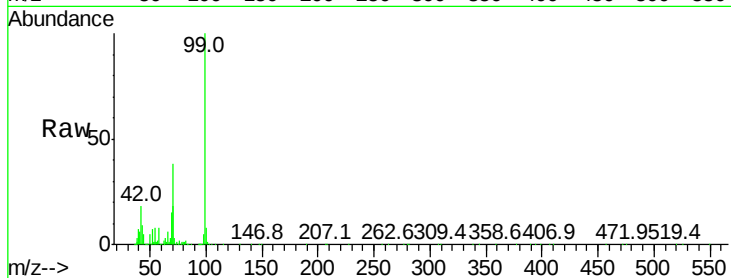
Tot Ion: 99 Resp: 1443506

Ion Ratio Lower Upper

99 100

42 18.1 17.8 26.6

71 38.1 41.5 62.3#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.97 min Scan# 1385

Delta R.T. -0.00 min

Lab File: BG023329.D

Acq: 29 Jul 2016 7:04

Tgt Ion: 136 Resp: 741604

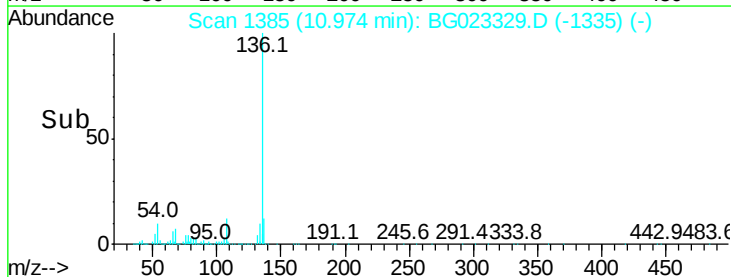
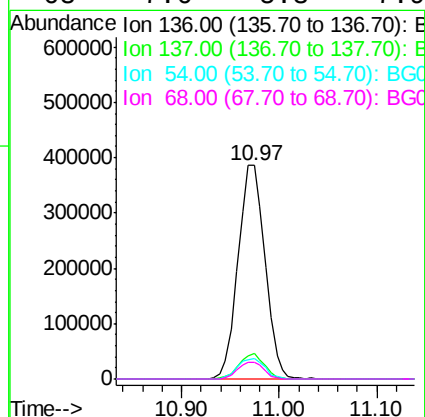
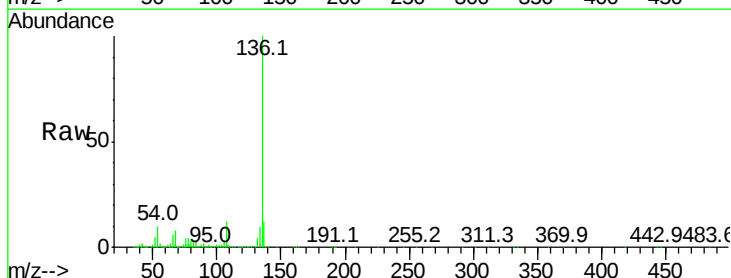
Ion Ratio Lower Upper

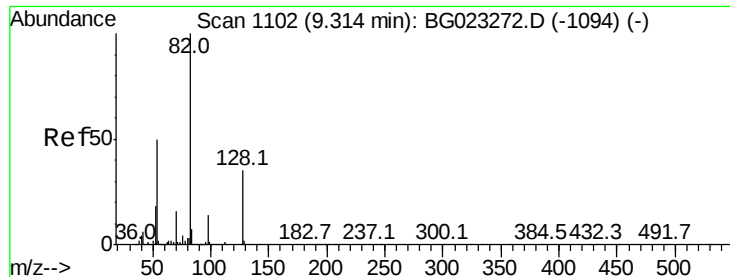
136 100

137 12.0 9.6 14.4

54 9.7 7.3 10.9

68 7.6 5.3 7.9

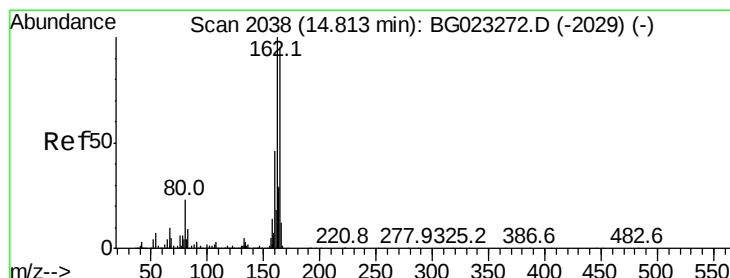
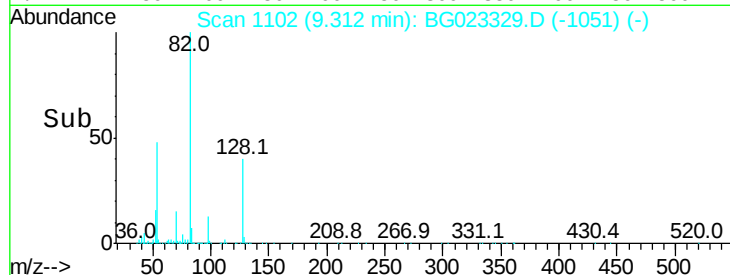
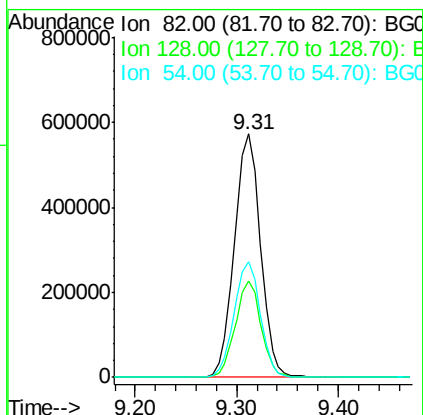
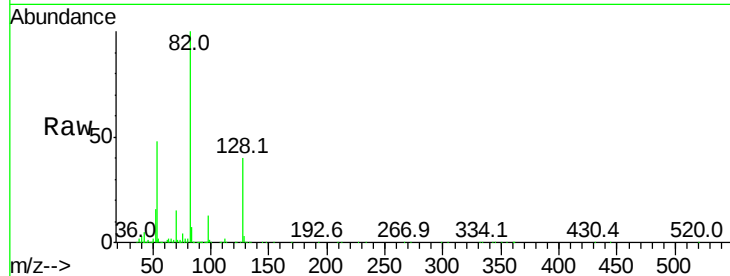




#23
 Nitrobenzene-d5
 Concen: 67.63 ng
 RT: 9.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BG023329.D
 Acq: 29 Jul 2016 7:04

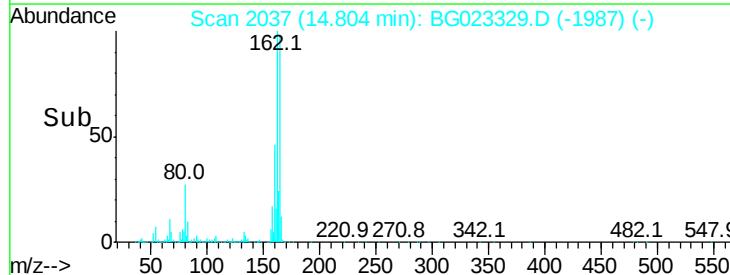
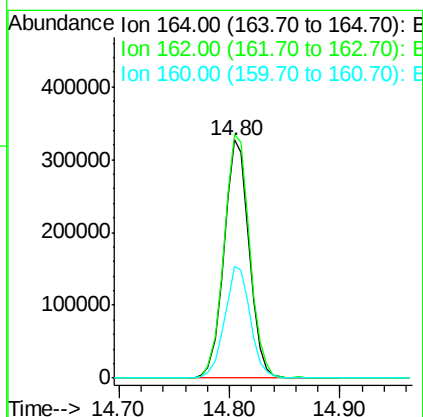
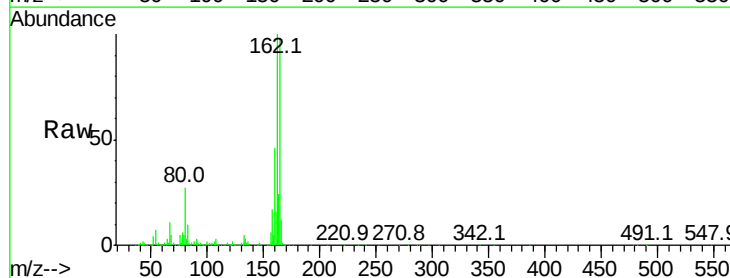
Instrument :
 BNA_G
 ClientSampleId :
 L-3

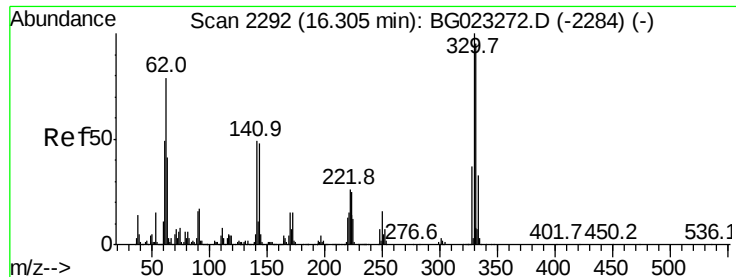
Tot Ion: 82 Resp: 1025594
 Ion Ratio Lower Upper
 82 100
 128 39.6 24.4 36.6#
 54 47.7 41.4 62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: BG023329.D
 Acq: 29 Jul 2016 7:04

Tgt Ion: 164 Resp: 519229
 Ion Ratio Lower Upper
 164 100
 162 102.3 87.7 131.5
 160 47.2 37.2 55.8

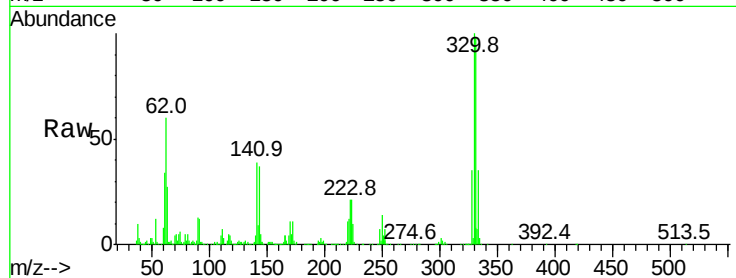




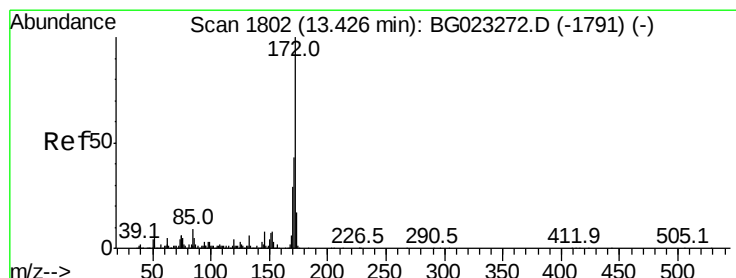
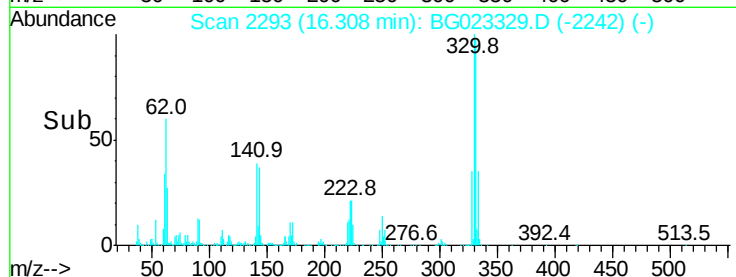
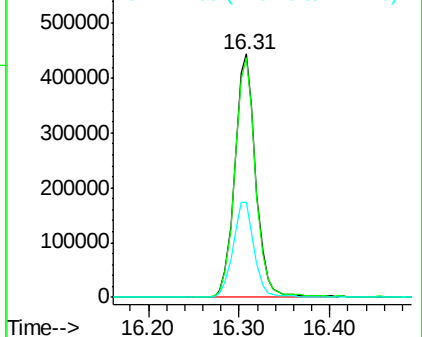
#41
 2,4,6-Tribromophenol
 Concen: 133.24 ng
 RT: 16.31 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: BG023329.D
 Acq: 29 Jul 2016 7:04

Instrument :
 BNA_G
 ClientSampleId :
 L-3

Tot Ion:330 Resp: 716054
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.4 116.2
 141 39.5 31.7 47.5

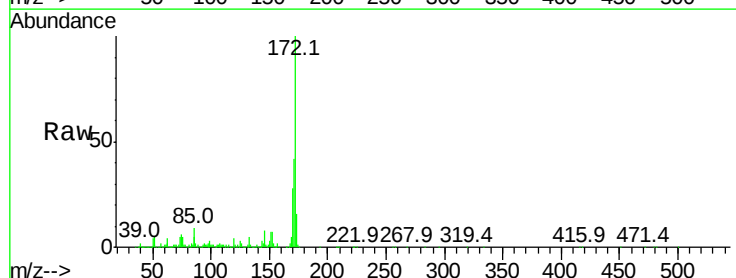


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

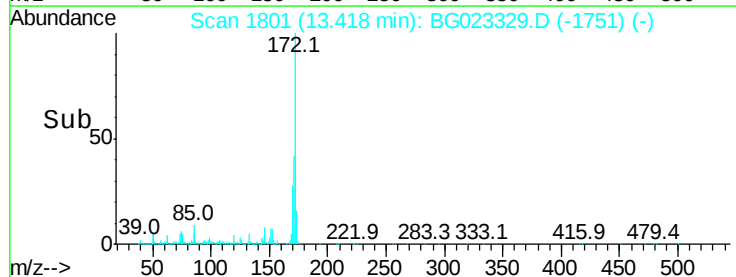
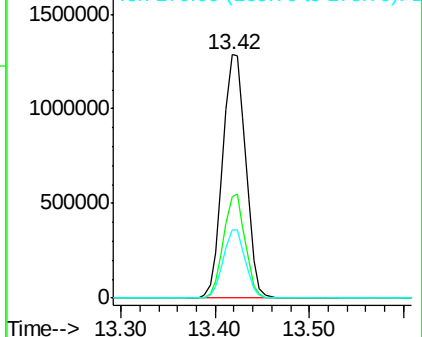


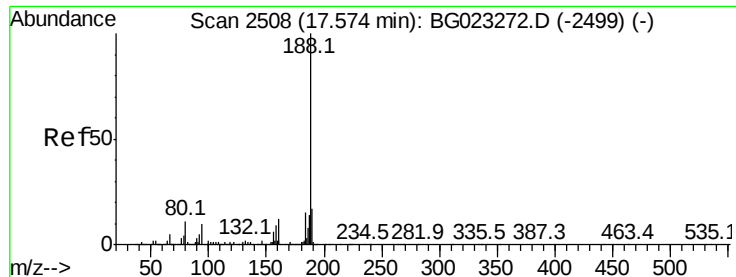
#44
 2-Fluorobiphenyl
 Concen: 79.54 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: BG023329.D
 Acq: 29 Jul 2016 7:04

Tgt Ion:172 Resp: 2206571
 Ion Ratio Lower Upper
 172 100
 171 41.6 31.6 47.4
 170 28.1 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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.57 min Scan# 2508

Delta R.T. 0.00 min

Lab File: BG023329.D

Acq: 29 Jul 2016 7:04

Instrument :

BNA_G

ClientSampled :

L-3

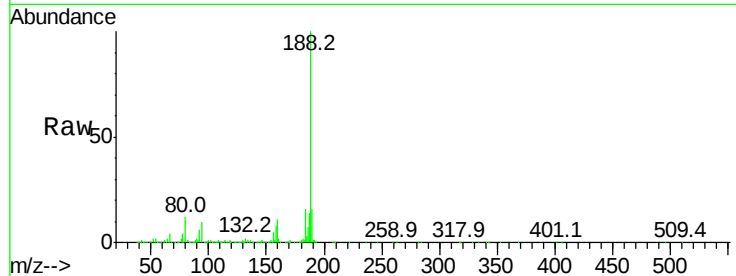
Tot Ion:188 Resp: 1220407

Ion Ratio Lower Upper

188 100

94 10.3 5.2 7.8#

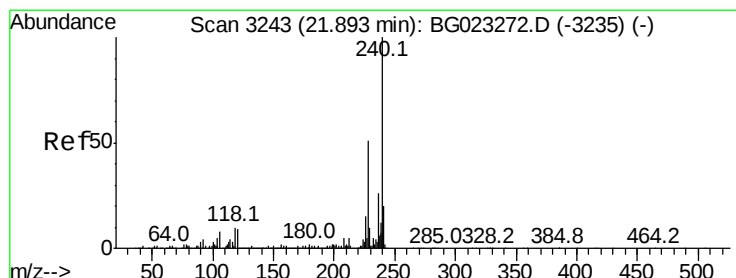
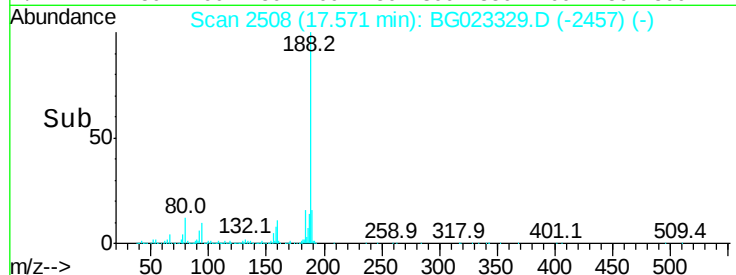
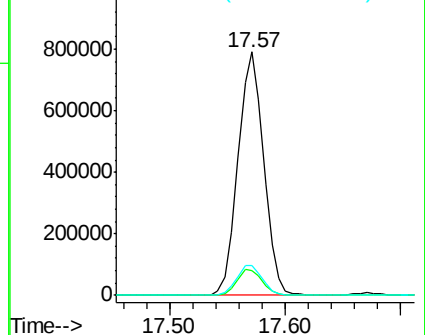
80 12.1 7.2 10.8#



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: 21.89 min Scan# 3243

Delta R.T. -0.00 min

Lab File: BG023329.D

Acq: 29 Jul 2016 7:04

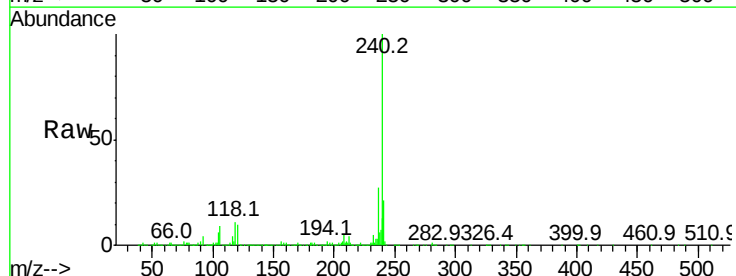
Tgt Ion:240 Resp: 1255619

Ion Ratio Lower Upper

240 100

120 10.3 4.1 6.1#

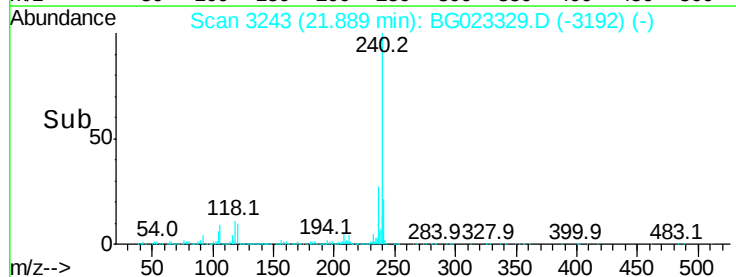
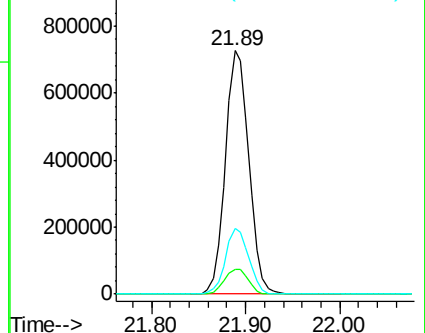
236 27.2 21.1 31.7

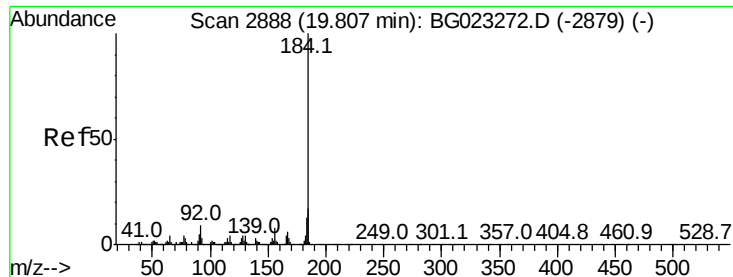


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 5.28 ng

RT: 19.81 min Scan# 2889

Delta R.T. 0.00 min

Lab File: BG023329.D

Acq: 29 Jul 2016 7:04

Instrument :

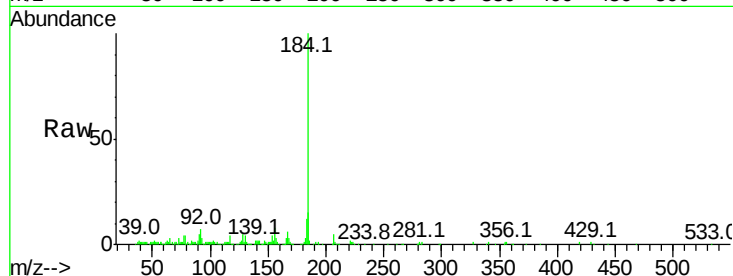
BNA_G

ClientSampleId :

L-3

Tot Ion:184 Resp: 186566

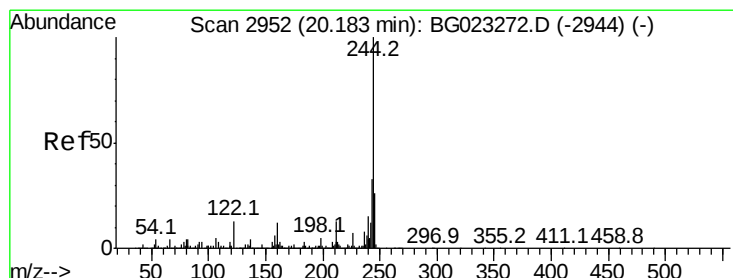
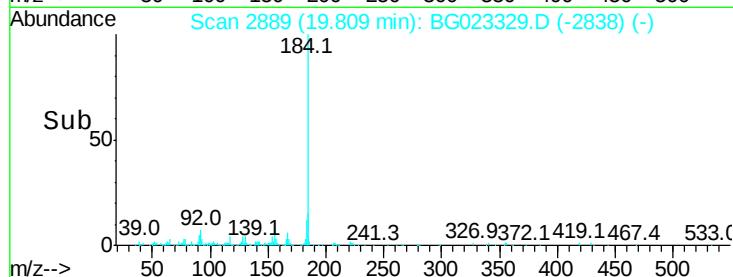
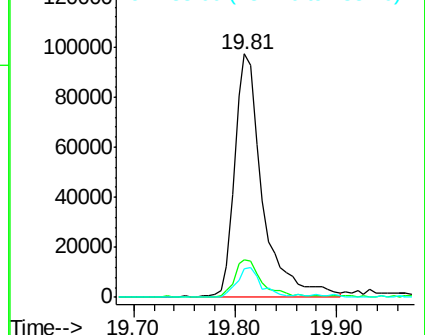
Ion	Ratio	Lower	Upper
184	100		
185	15.3	12.6	19.0
183	11.7	10.7	16.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 75.84 ng

RT: 20.18 min Scan# 2952

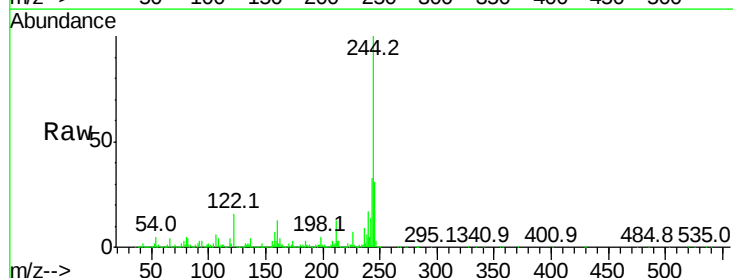
Delta R.T. 0.00 min

Lab File: BG023329.D

Acq: 29 Jul 2016 7:04

Tgt Ion:244 Resp: 2929245

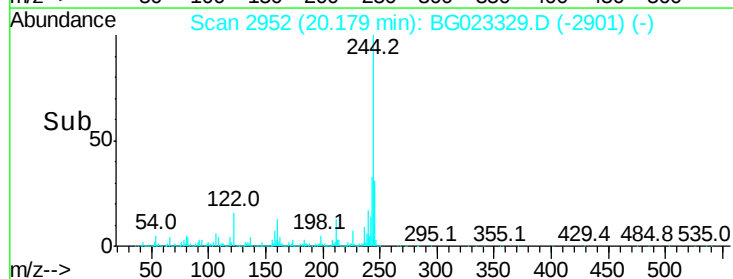
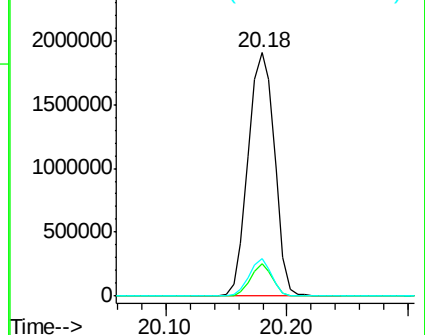
Ion	Ratio	Lower	Upper
244	100		
212	13.4	10.8	16.2
122	15.7	8.0	12.0#

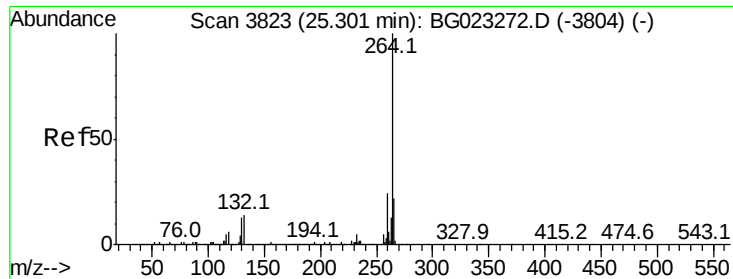


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.30 min Scan# 3823
Delta R.T. -0.01 min
Lab File: BG023329.D
Acq: 29 Jul 2016 7:04

Instrument :
BNA_G
ClientSampleId :
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Tot Ion:264 Resp: 1257274

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.4	27.6
265	23.4	18.9	28.3

