

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072916\
 Data File : BG023333.D
 Acq On : 29 Jul 2016 9:44
 Operator : UM/SJ
 Sample : H4213-18
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 L-7

Quant Time: Jul 29 13:29:40 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

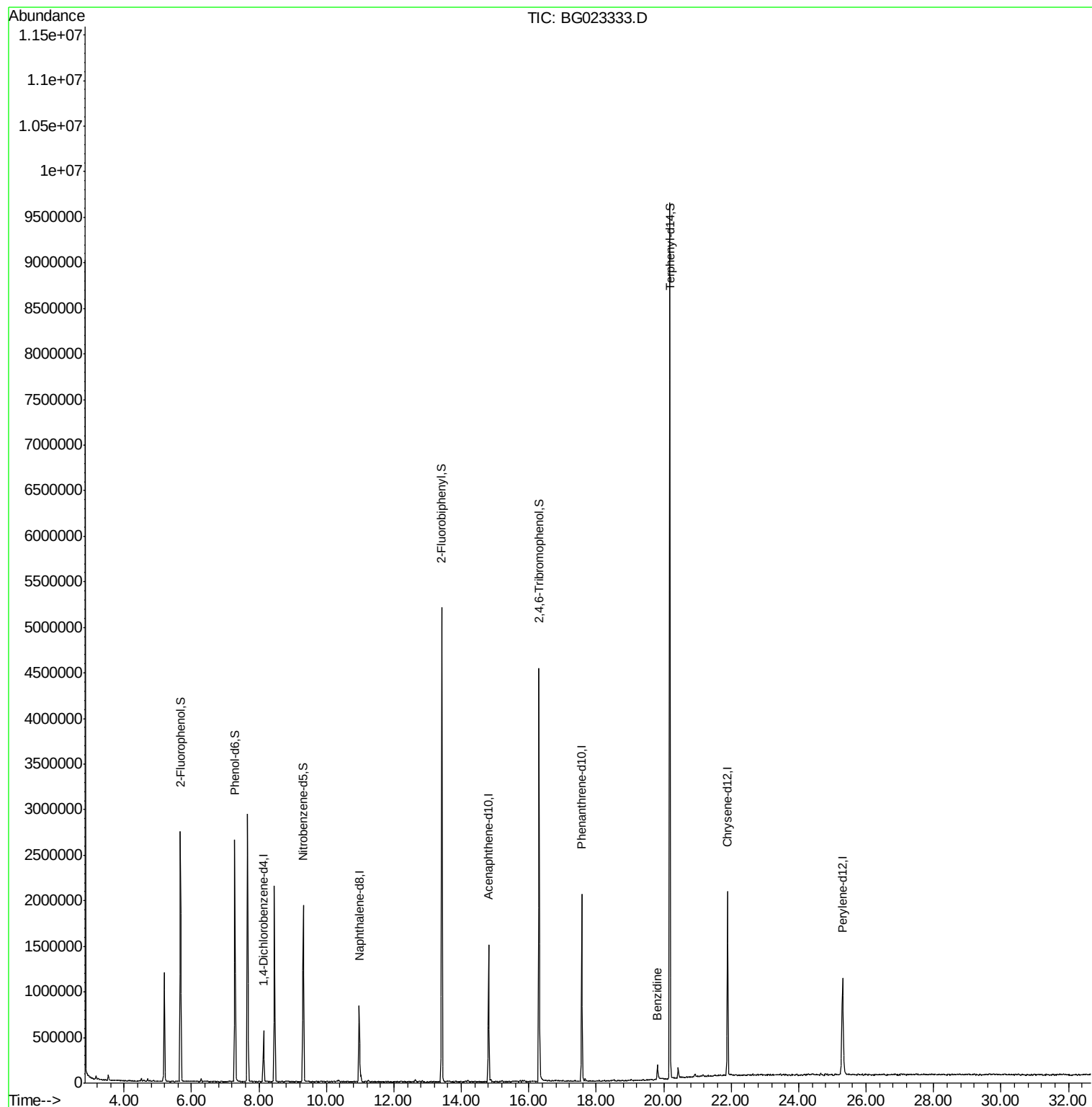
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	151393	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	702990	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	502211	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1183793	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1221359	20.00	ng	0.00
86) Perylene-d12	25.30	264	1225479	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	1165264	131.40	ng	0.00
7) Phenol-d6	7.29	99	1661449	122.03	ng	0.00
23) Nitrobenzene-d5	9.31	82	1236858	86.04	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	837022	161.03	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2538804	94.61	ng	0.00
78) Terphenyl-d14	20.18	244	3241038	86.26	ng	0.00
Target Compounds						
76) Benzidine	19.81	184	115663	3.37	ng	Qvalue 98

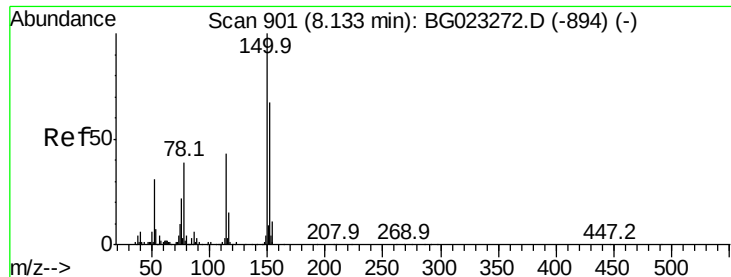
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 27 17:30:33 2016
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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: BG023333.D

Acq: 29 Jul 2016 9:44

Instrument :

BNA_G

ClientSampleId :

L-7

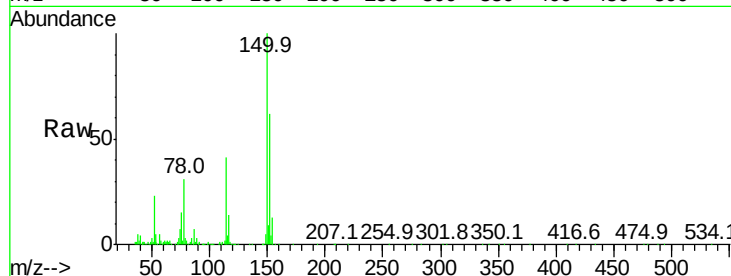
Tot Ion:152 Resp: 151393

Ion Ratio Lower Upper

152 100

150 162.0 144.7 217.1

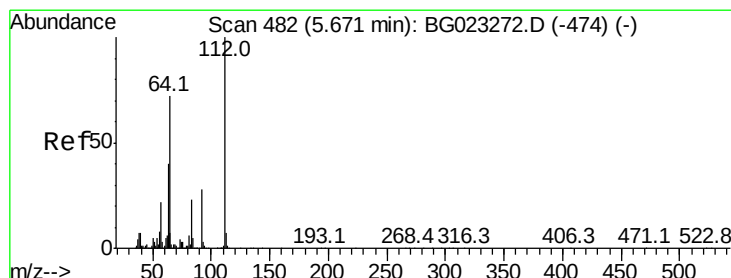
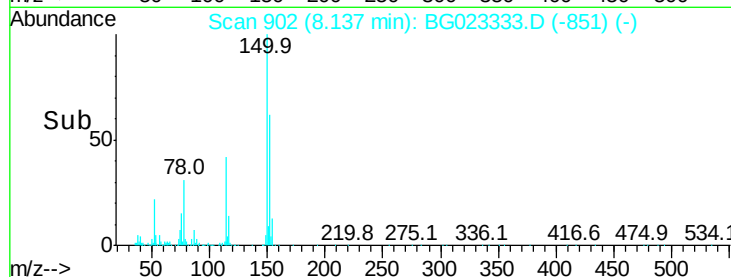
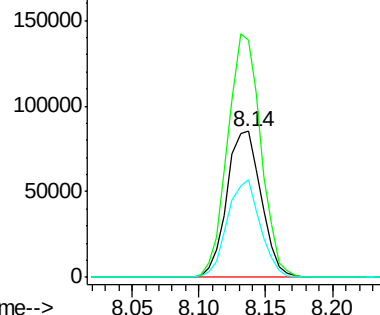
115 67.1 64.0 96.0



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: 131.40 ng

RT: 5.67 min Scan# 482

Delta R.T. -0.00 min

Lab File: BG023333.D

Acq: 29 Jul 2016 9:44

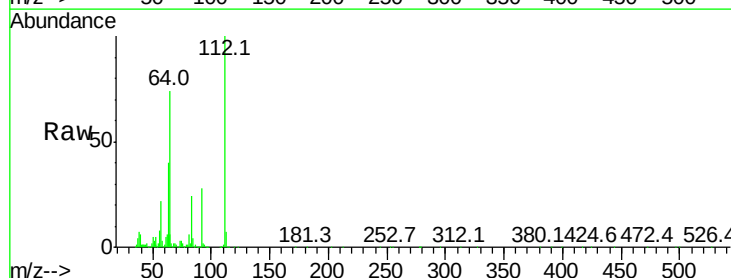
Tgt Ion:112 Resp: 1165264

Ion Ratio Lower Upper

112 100

64 74.2 59.0 88.4

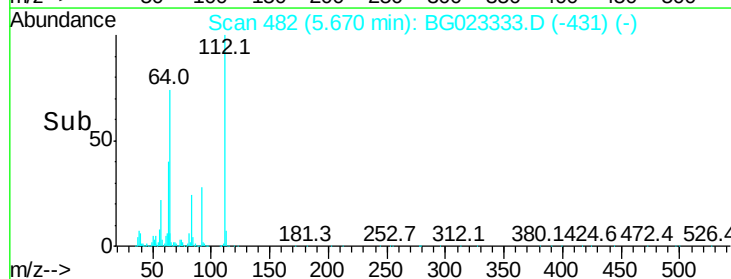
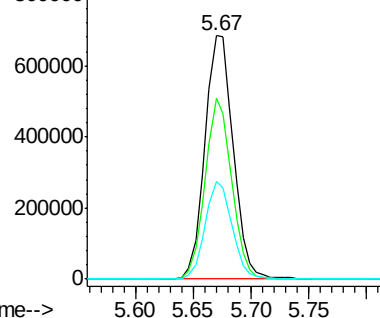
63 39.9 37.8 56.8

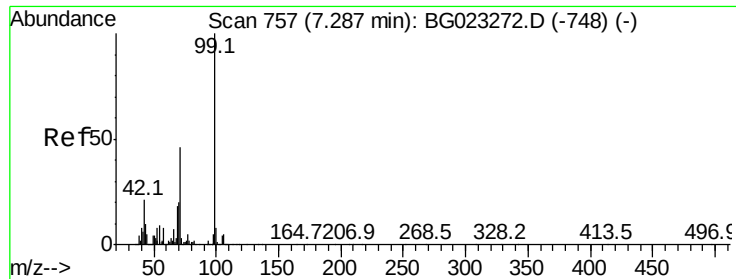


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 122.03 ng

RT: 7.29 min Scan# 758

Delta R.T. 0.00 min

Lab File: BG023333.D

Acq: 29 Jul 2016 9:44

Instrument :

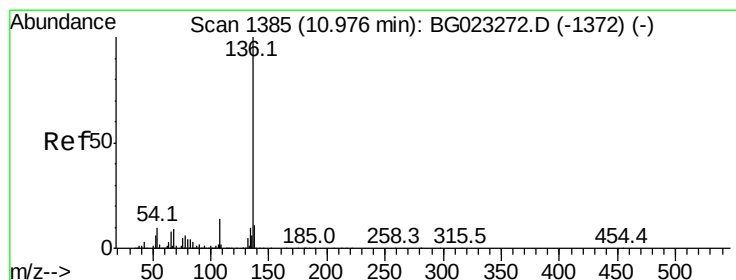
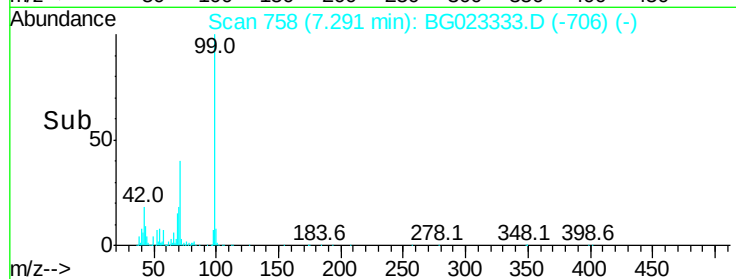
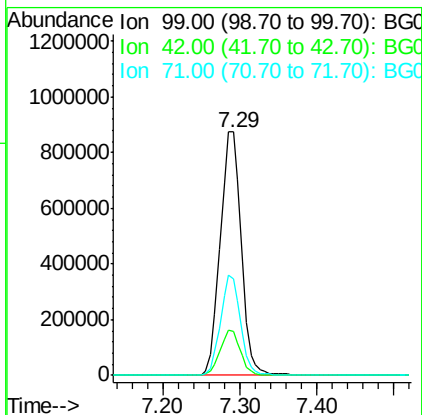
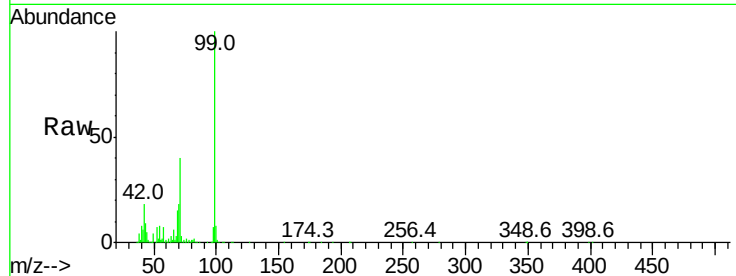
BNA_G

ClientSampleId :

L-7

Tot Ion: 99 Resp: 1661449

Ion	Ratio	Lower	Upper
99	100		
42	18.1	17.8	26.6
71	39.7	41.5	62.3#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.97 min Scan# 1384

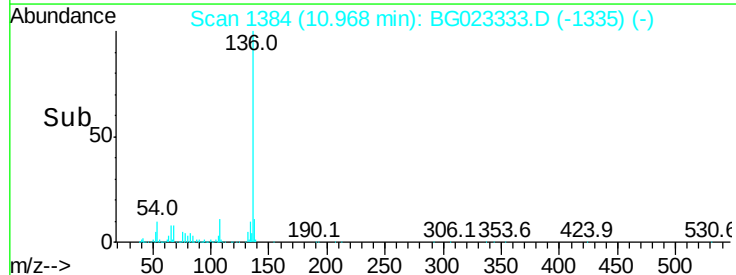
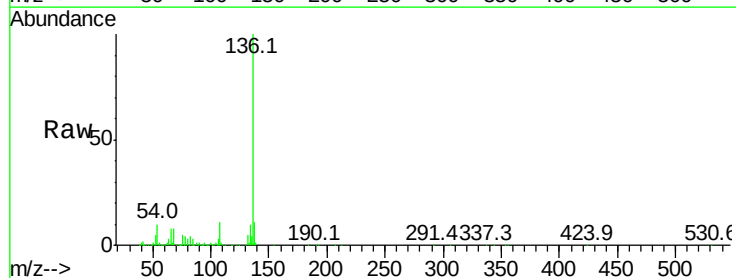
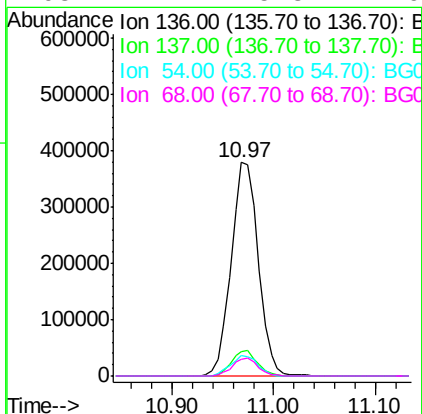
Delta R.T. -0.01 min

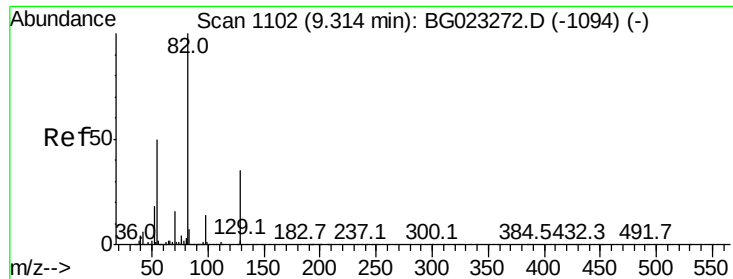
Lab File: BG023333.D

Acq: 29 Jul 2016 9:44

Tgt Ion: 136 Resp: 702990

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.6	14.4
54	9.8	7.3	10.9
68	7.7	5.3	7.9



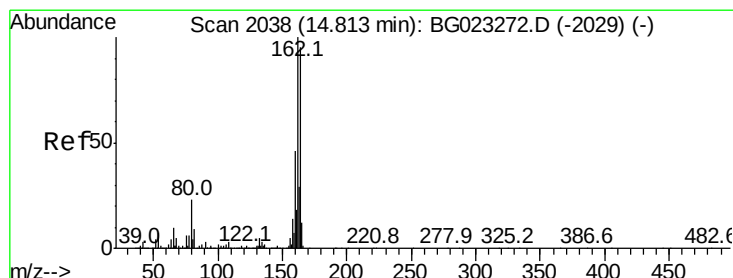
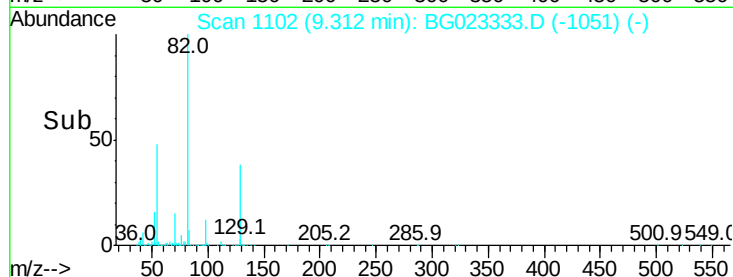
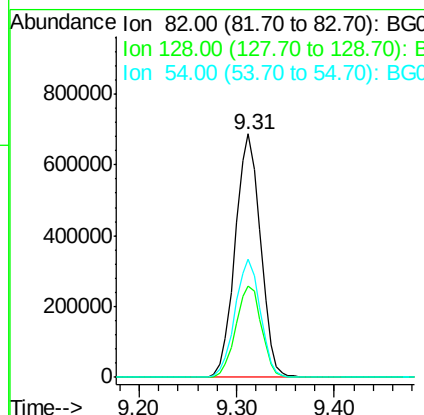
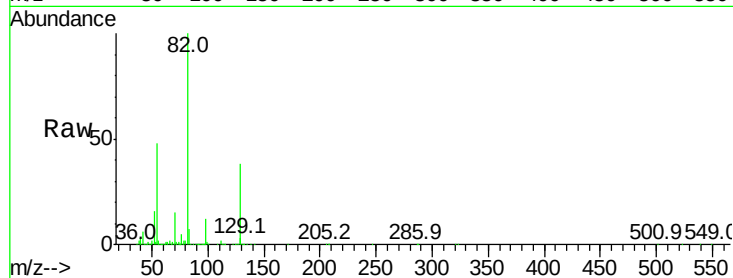


#23
 Nitrobenzene-d5
 Concen: 86.04 ng
 RT: 9.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BG023333.D
 Acq: 29 Jul 2016 9:44

Instrument :
 BNA_G
 ClientSampleId :
 L-7

Tot Ion: 82 Resp: 1236858

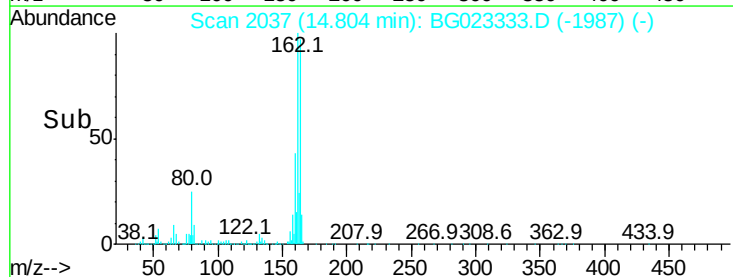
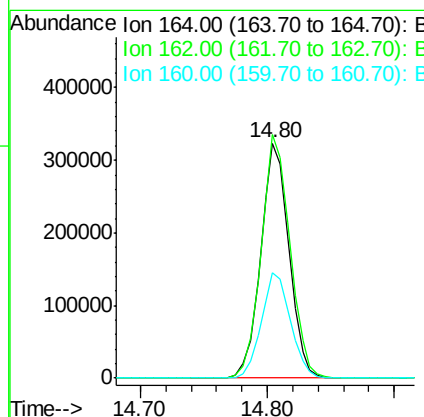
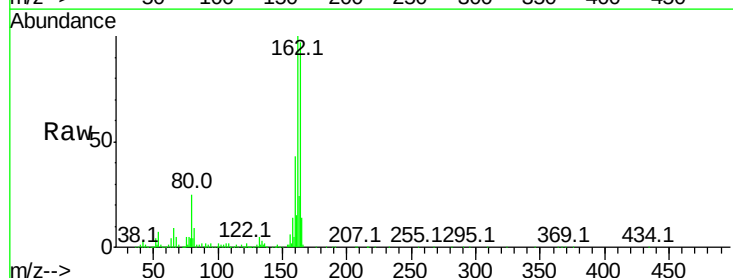
Ion	Ratio	Lower	Upper
82	100		
128	37.7	24.4	36.6#
54	48.3	41.4	62.0

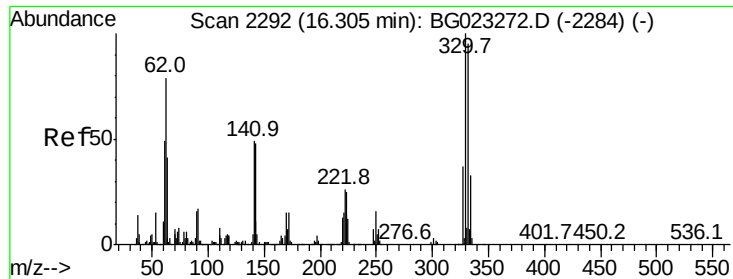


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: BG023333.D
 Acq: 29 Jul 2016 9:44

Tgt Ion: 164 Resp: 502211

Ion	Ratio	Lower	Upper
164	100		
162	103.5	87.7	131.5
160	44.6	37.2	55.8

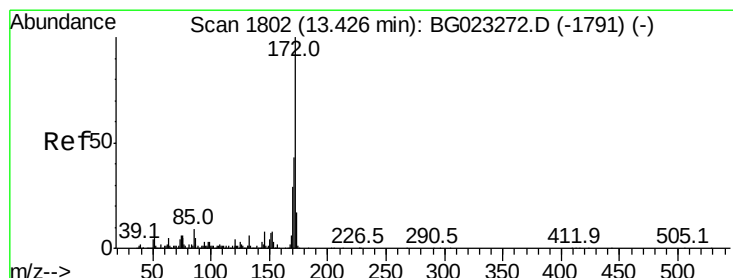
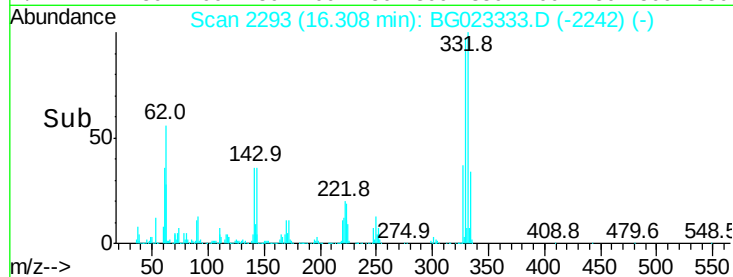
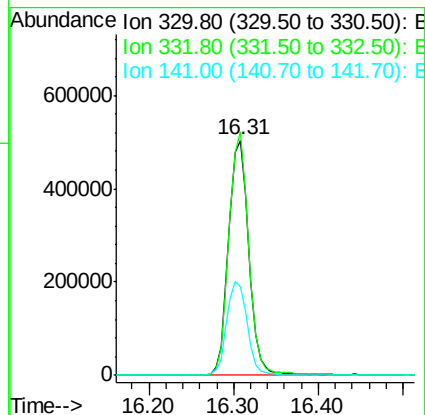
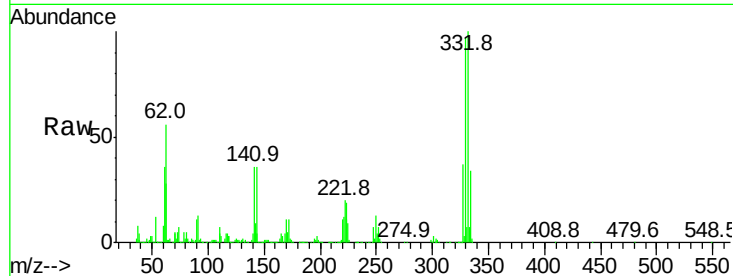




#41
 2,4,6-Tribromophenol
 Concen: 161.03 ng
 RT: 16.31 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: BG023333.D
 Acq: 29 Jul 2016 9:44

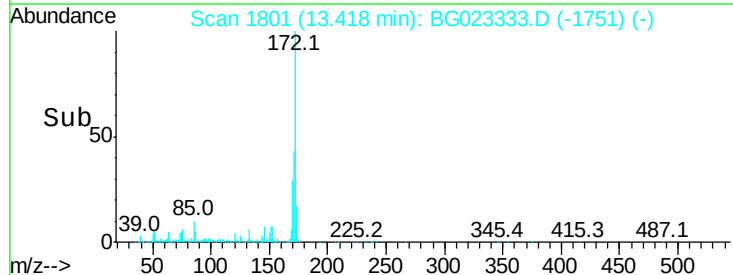
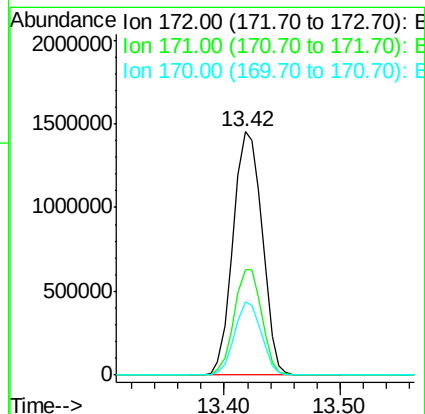
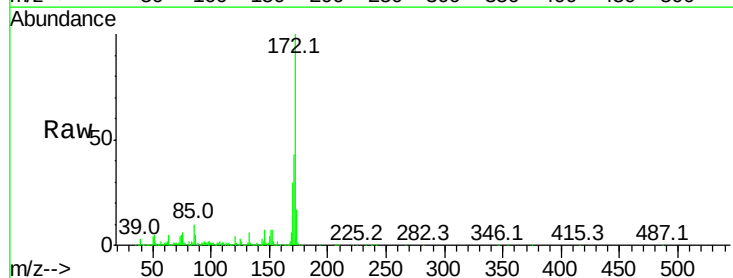
Instrument :
 BNA_G
 ClientSampleId :
 L-7

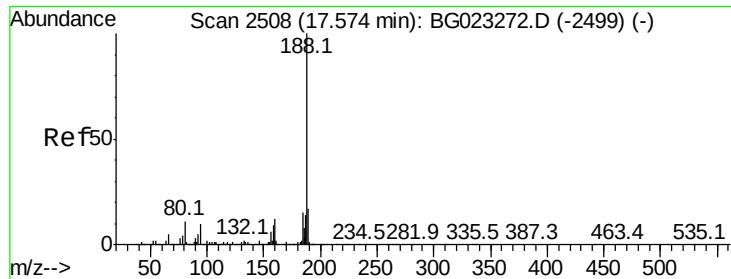
Tot Ion:330 Resp: 837022
 Ion Ratio Lower Upper
 330 100
 332 100.4 77.4 116.2
 141 40.2 31.7 47.5



#44
 2-Fluorobiphenyl
 Concen: 94.61 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: BG023333.D
 Acq: 29 Jul 2016 9:44

Tgt Ion:172 Resp: 2538804
 Ion Ratio Lower Upper
 172 100
 171 43.5 31.6 47.4
 170 30.1 21.3 31.9

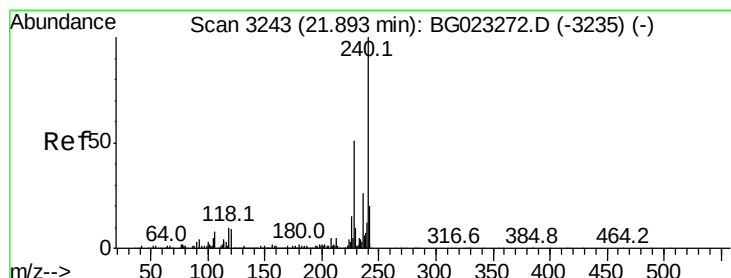
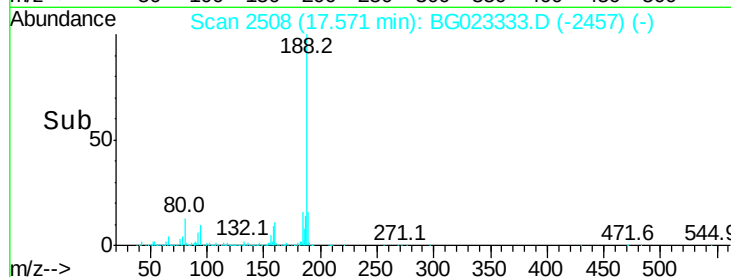
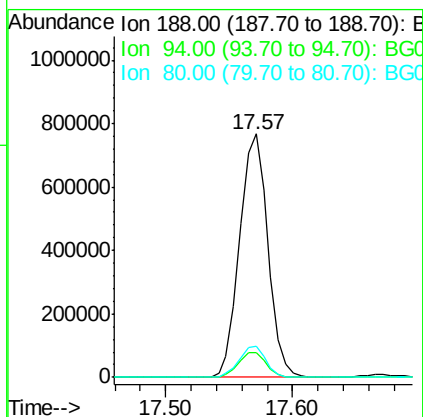
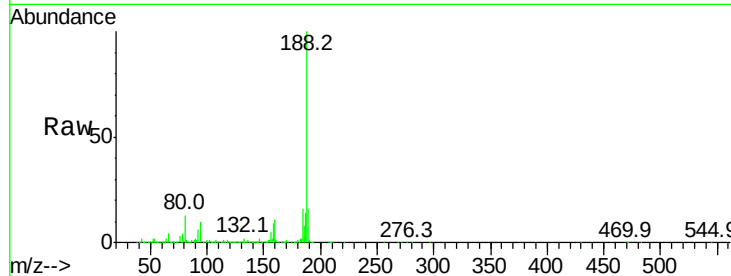




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2508
Delta R.T. 0.00 min
Lab File: BG023333.D
Acq: 29 Jul 2016 9:44

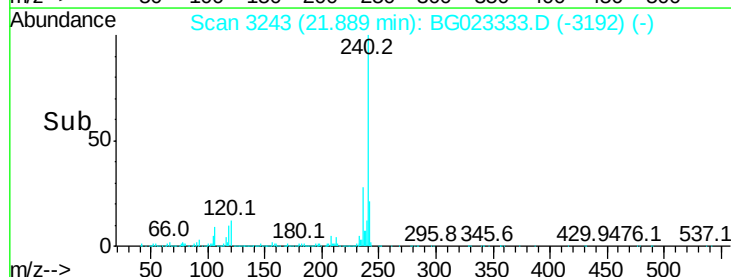
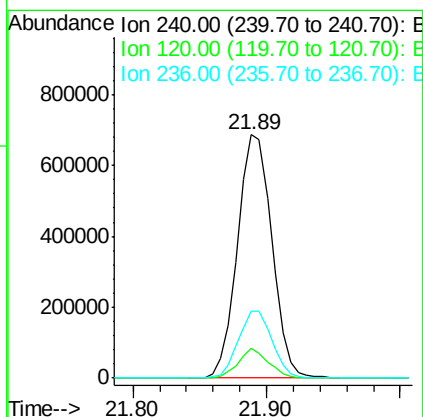
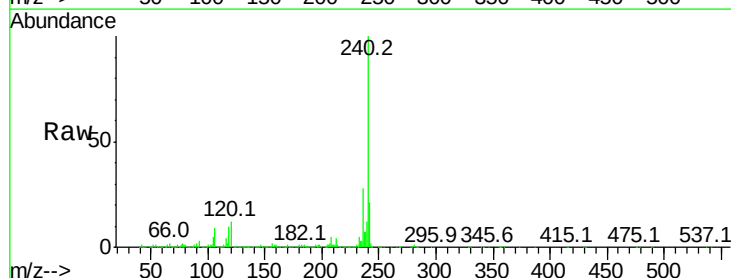
Instrument :
BNA_G
ClientSampleId :
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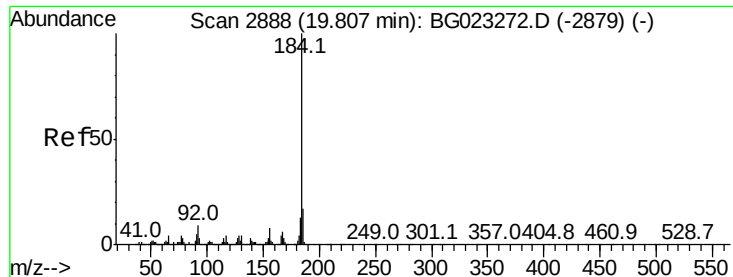
Tot Ion:188 Resp: 1183793
Ion Ratio Lower Upper
188 100
94 10.3 5.2 7.8#
80 12.6 7.2 10.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.89 min Scan# 3243
Delta R.T. 0.00 min
Lab File: BG023333.D
Acq: 29 Jul 2016 9:44

Tgt Ion:240 Resp: 1221359
Ion Ratio Lower Upper
240 100
120 12.3 4.1 6.1#
236 27.8 21.1 31.7





#76

Benzidine

Concen: 3.37 ng

RT: 19.81 min Scan# 2889

Delta R.T. 0.00 min

Lab File: BG023333.D

Acq: 29 Jul 2016 9:44

Instrument :

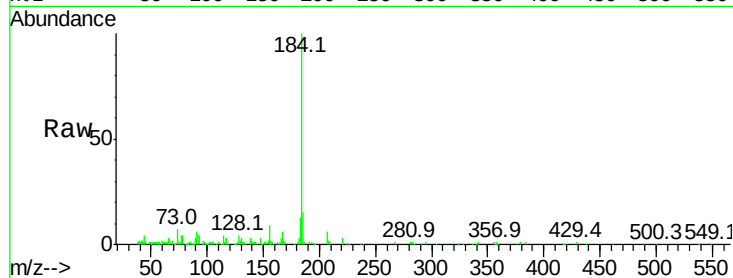
BNA_G

ClientSampleId :

L-7

Tot Ion:184 Resp: 115663

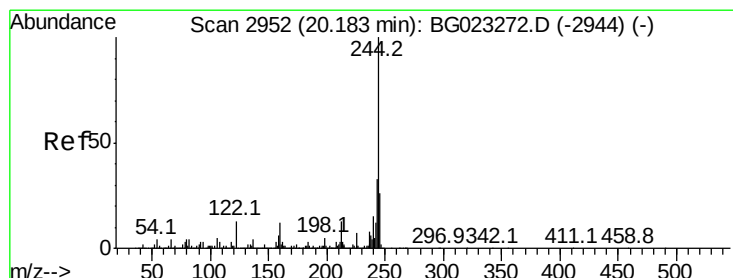
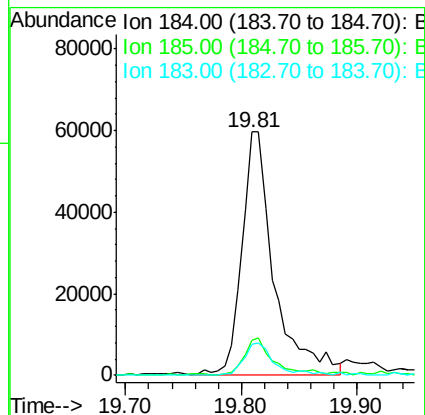
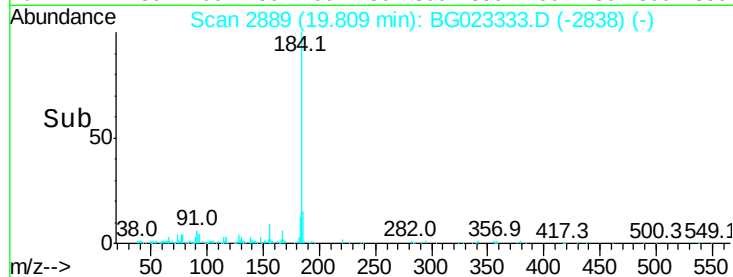
Ion	Ratio	Lower	Upper
184	100		
185	14.5	12.6	19.0
183	13.0	10.7	16.1



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: 86.26 ng

RT: 20.18 min Scan# 2952

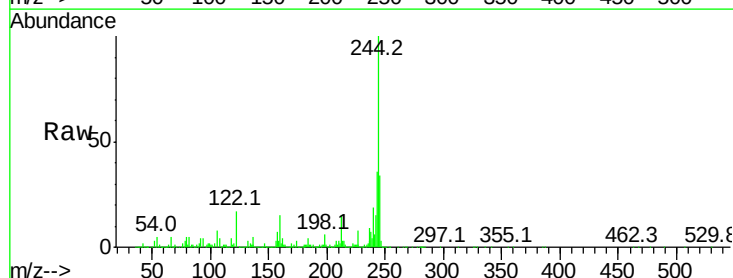
Delta R.T. 0.00 min

Lab File: BG023333.D

Acq: 29 Jul 2016 9:44

Tgt Ion:244 Resp: 3241038

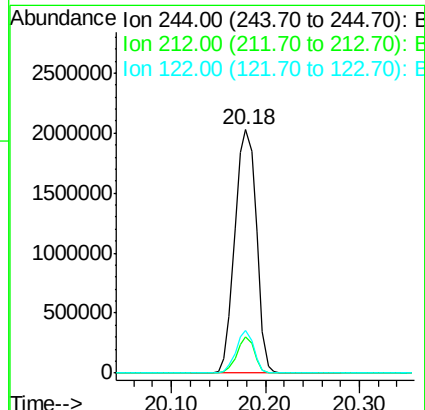
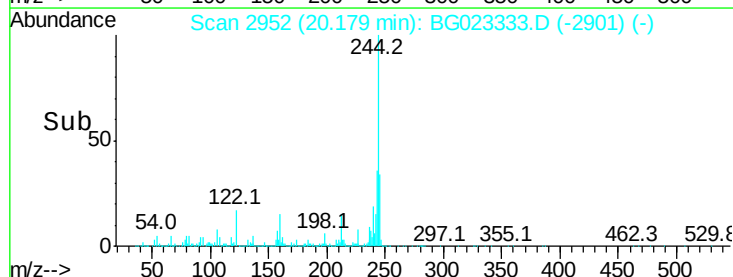
Ion	Ratio	Lower	Upper
244	100		
212	14.8	10.8	16.2
122	17.4	8.0	12.0#

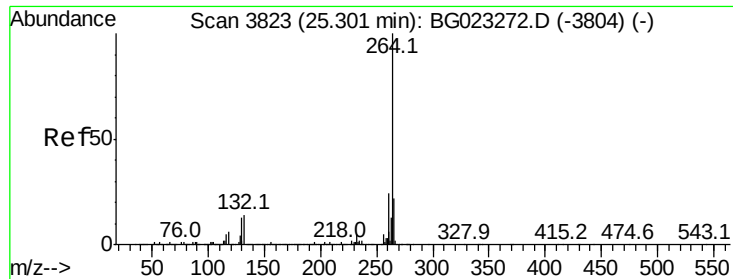


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3824
Delta R.T. -0.00 min
Lab File: BG023333.D
Acq: 29 Jul 2016 9:44

Instrument :
BNA_G
ClientSampleId :
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Tot Ion:264 Resp: 1225479

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.4	27.6
265	19.8	18.9	28.3

