

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072916\
 Data File : BG023324.D
 Acq On : 29 Jul 2016 3:45
 Operator : UM/SJ
 Sample : PB92434TB
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB92434TB

Quant Time: Jul 29 07:49:30 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	152010	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	722836	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	513075	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1218318	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1250149	20.00	ng	0.00
86) Perylene-d12	25.30	264	1240598	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	1184409	133.02	ng	0.00
7) Phenol-d6	7.29	99	1753436	128.26	ng	0.00
23) Nitrobenzene-d5	9.31	82	1126387	76.20	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	798201	150.31	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2407733	87.83	ng	0.00
78) Terphenyl-d14	20.18	244	3077858	80.03	ng	0.00

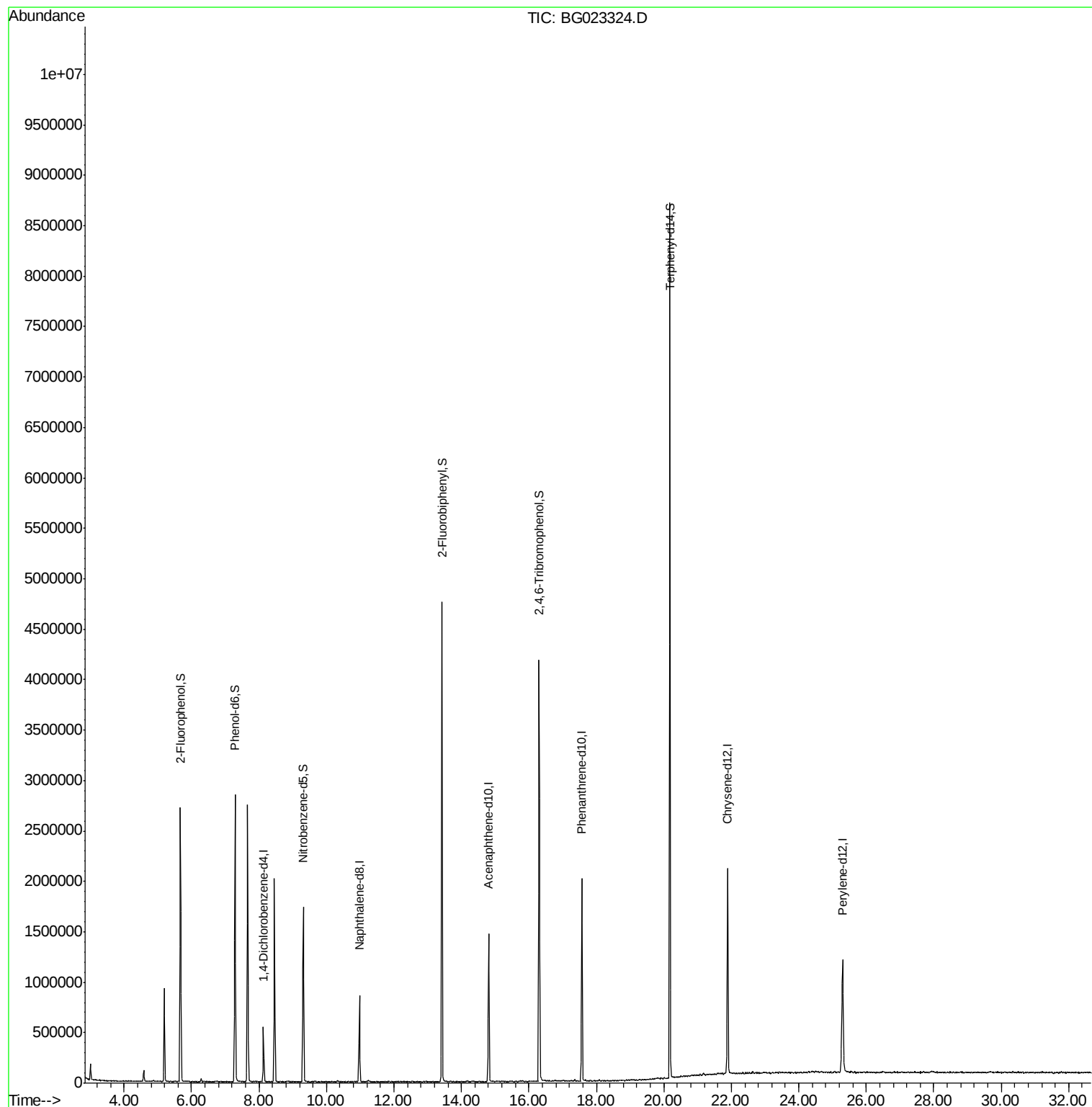
Target Compounds Qvalue

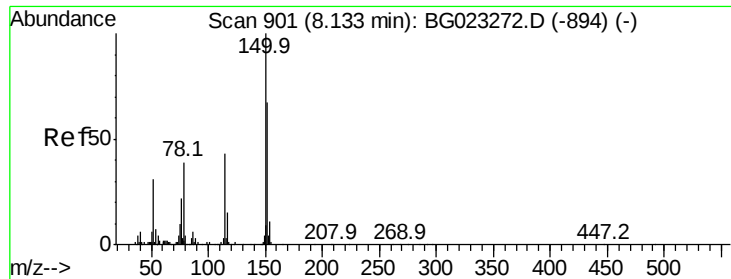
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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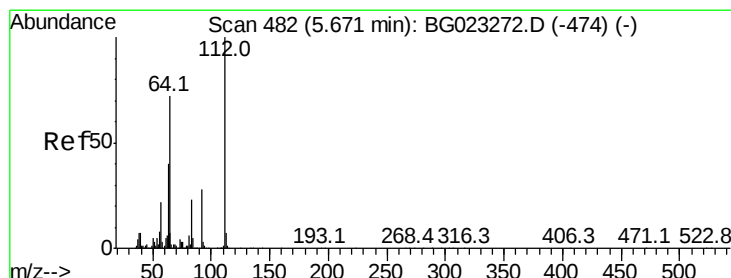
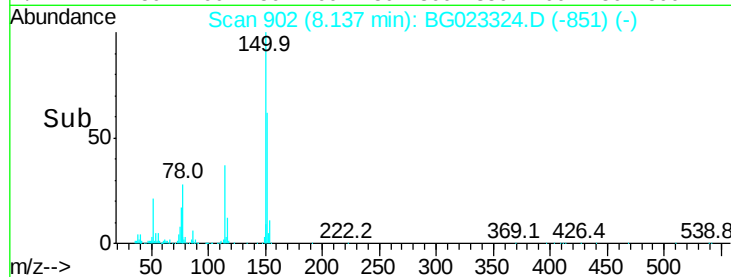
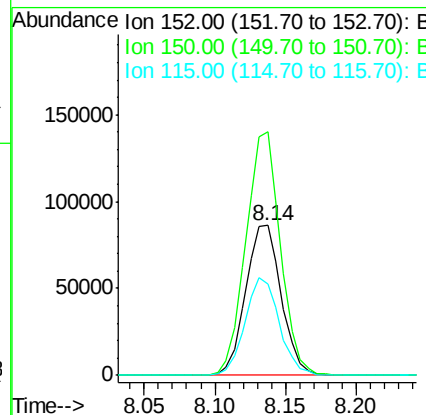
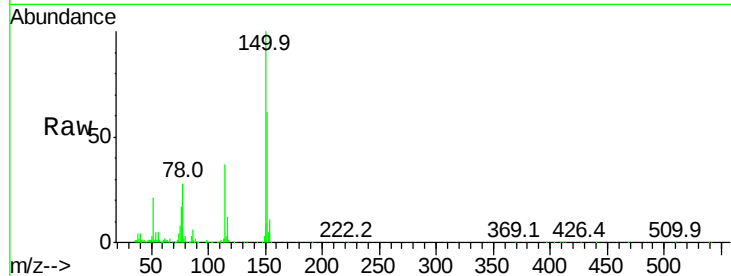


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.14 min Scan# 902
 Delta R.T. -0.00 min
 Lab File: BG023324.D
 Acq: 29 Jul 2016 3:45

Instrument :
 BNA_G
 ClientSampleId :
 PB92434TB

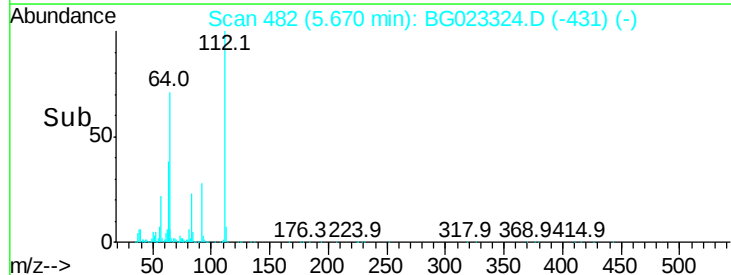
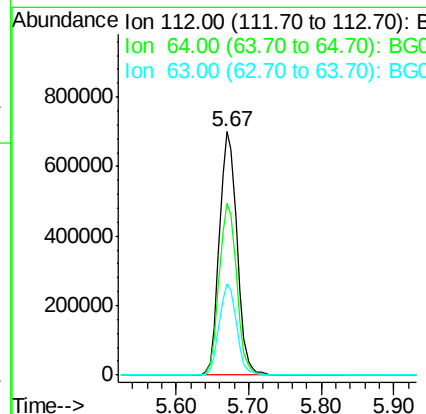
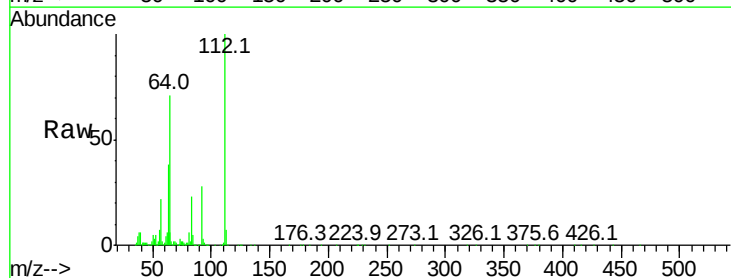
Tot Ion	Ratio	Lower	Upper
152	100		
150	162.3	144.7	217.1
115	60.7	64.0	96.0#

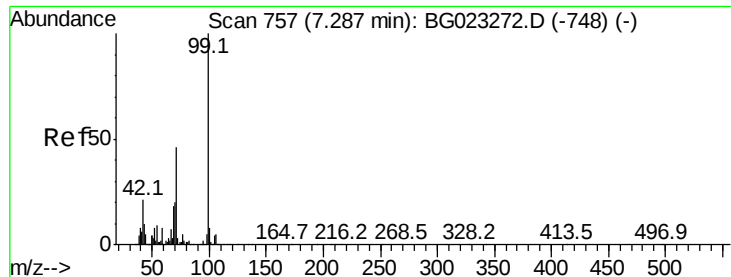


#5

2-Fluorophenol
 Concen: 133.02 ng
 RT: 5.67 min Scan# 482
 Delta R.T. -0.00 min
 Lab File: BG023324.D
 Acq: 29 Jul 2016 3:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.6	59.0	88.4
63	37.5	37.8	56.8#





#7

Phenol-d6

Concen: 128.26 ng

RT: 7.29 min Scan# 757

Delta R.T. -0.00 min

Lab File: BG023324.D

Acq: 29 Jul 2016 3:45

Instrument :

BNA_G

ClientSampleId :

PB92434TB

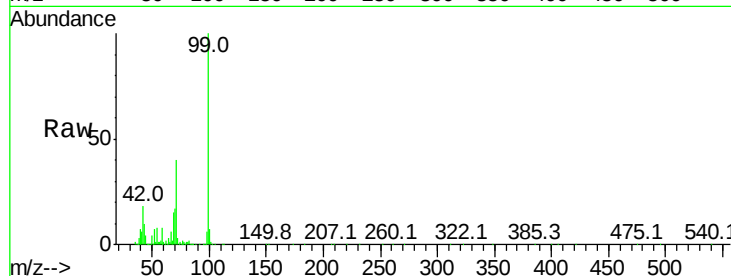
Tot Ion: 99 Resp: 1753436

Ion Ratio Lower Upper

99 100

42 17.6 17.8 26.6#

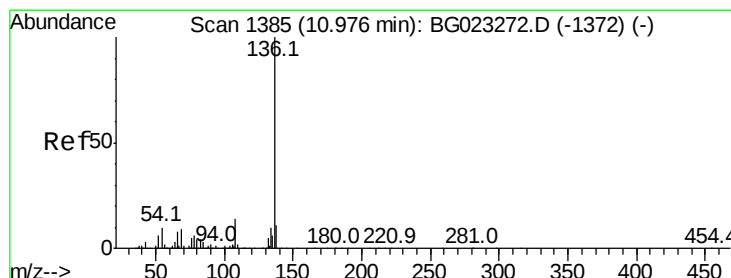
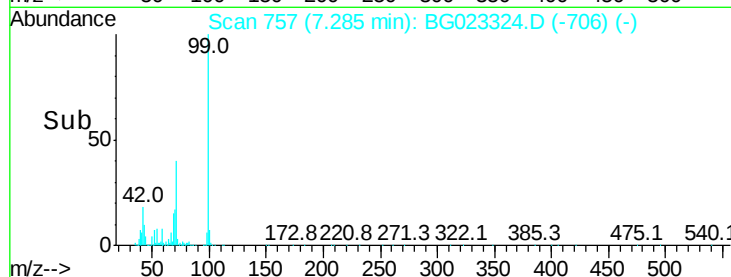
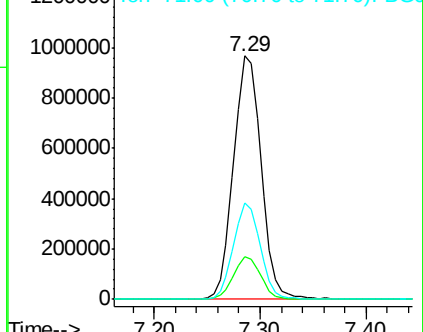
71 39.5 41.5 62.3#



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# 1384

Delta R.T. -0.01 min

Lab File: BG023324.D

Acq: 29 Jul 2016 3:45

Tgt Ion: 136 Resp: 722836

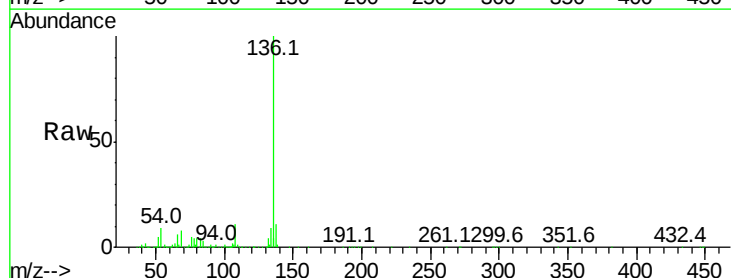
Ion Ratio Lower Upper

136 100

137 11.3 9.6 14.4

54 8.5 7.3 10.9

68 8.3 5.3 7.9#

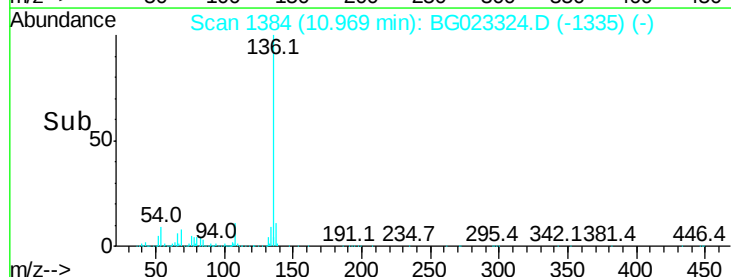
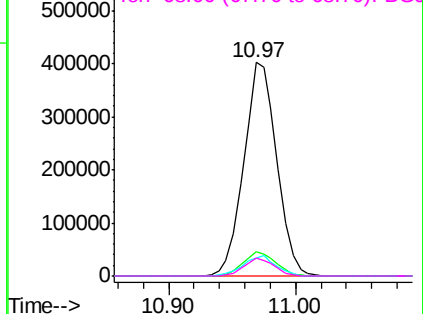


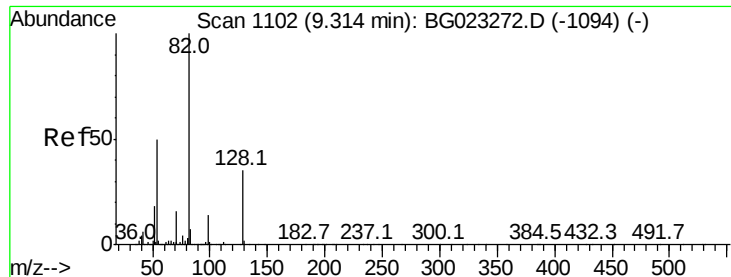
Abundance Ion 136.00 (135.70 to 136.70): BGC

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



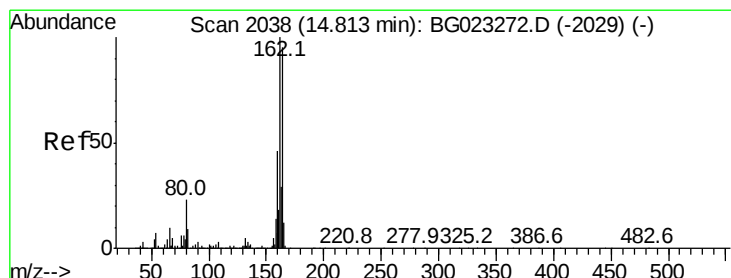
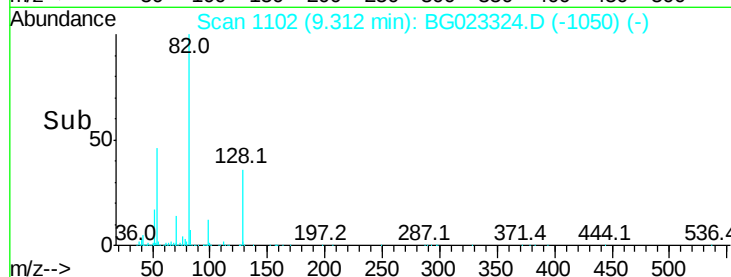
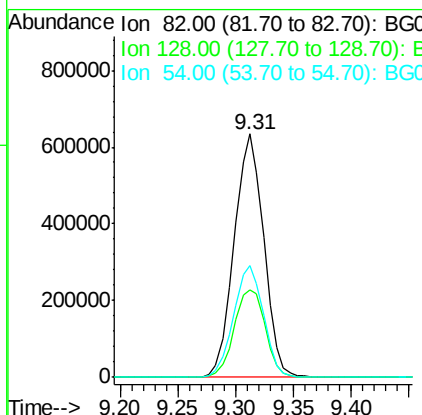
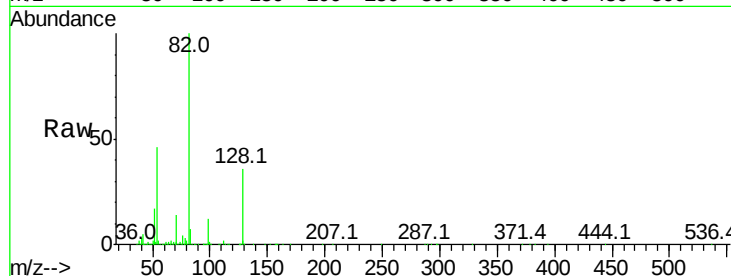


#23
 Nitrobenzene-d5
 Concen: 76.20 ng
 RT: 9.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BG023324.D
 Acq: 29 Jul 2016 3:45

Instrument :
 BNA_G
 ClientSampleId :
 PB92434TB

Tot Ion: 82 Resp: 1126387

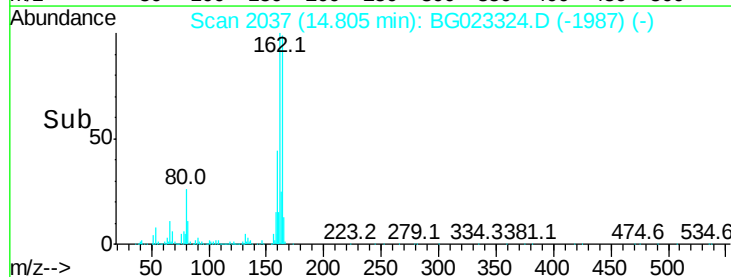
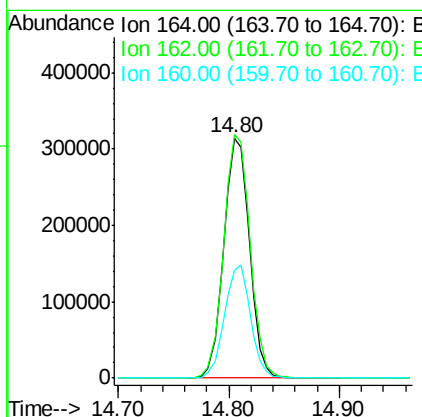
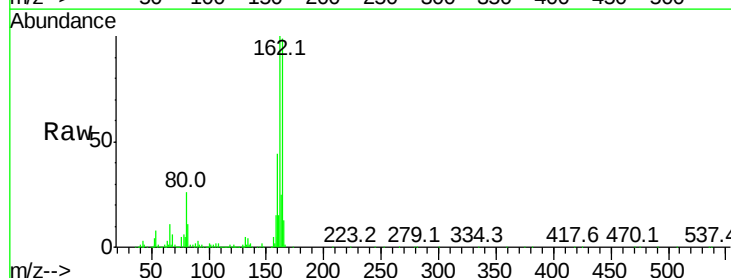
Ion	Ratio	Lower	Upper
82	100		
128	36.2	24.4	36.6
54	45.7	41.4	62.0

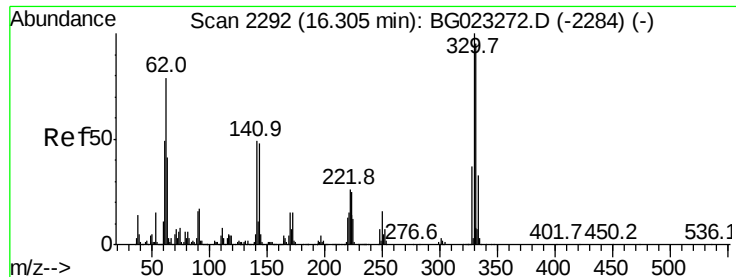


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: BG023324.D
 Acq: 29 Jul 2016 3:45

Tgt Ion: 164 Resp: 513075

Ion	Ratio	Lower	Upper
164	100		
162	101.3	87.7	131.5
160	45.1	37.2	55.8

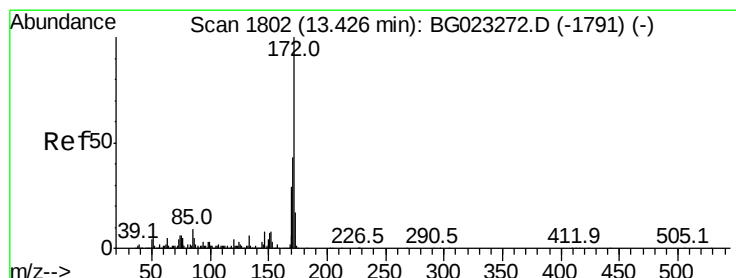
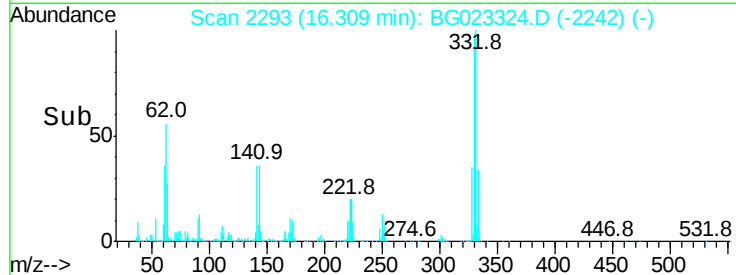
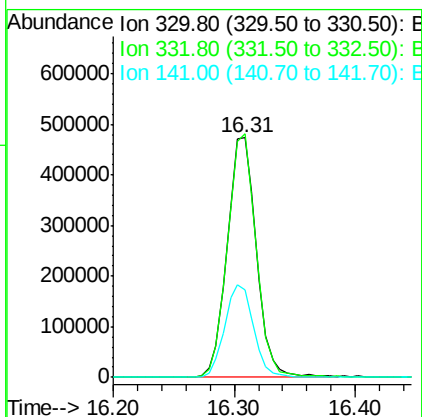
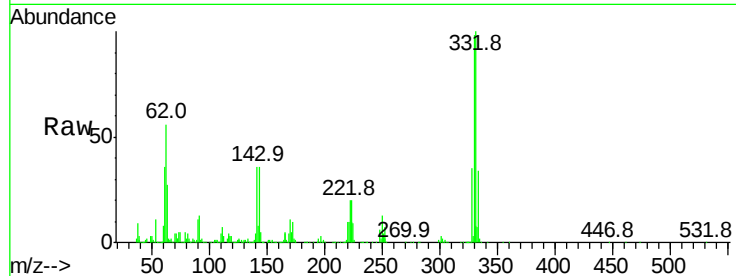




#41
 2,4,6-Tribromophenol
 Concen: 150.31 ng
 RT: 16.31 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: BG023324.D
 Acq: 29 Jul 2016 3:45

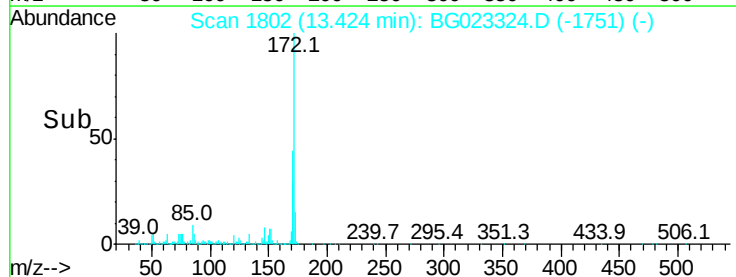
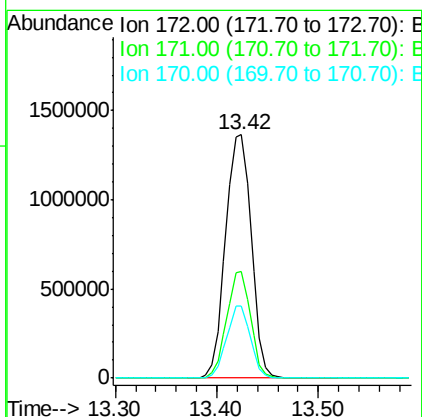
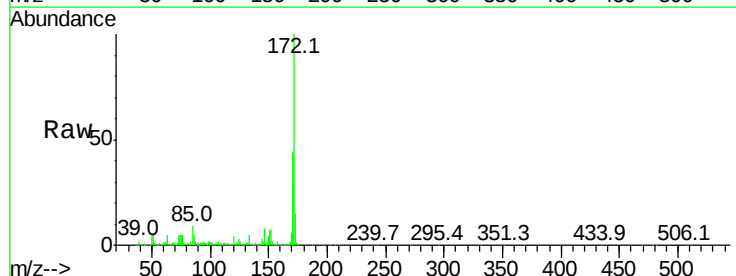
Instrument :
 BNA_G
 ClientSampleId :
 PB92434TB

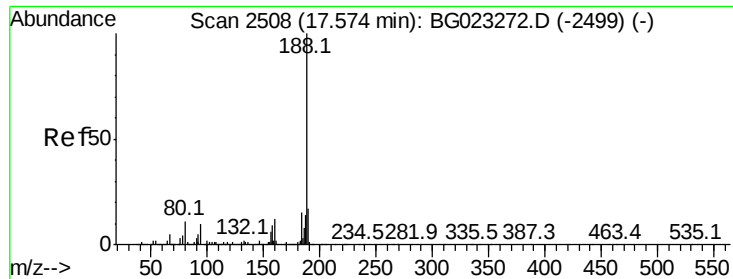
Tot Ion:330 Resp: 798201
 Ion Ratio Lower Upper
 330 100
 332 99.8 77.4 116.2
 141 37.9 31.7 47.5



#44
 2-Fluorobiphenyl
 Concen: 87.83 ng
 RT: 13.42 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: BG023324.D
 Acq: 29 Jul 2016 3:45

Tgt Ion:172 Resp: 2407733
 Ion Ratio Lower Upper
 172 100
 171 43.8 31.6 47.4
 170 29.6 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: BG023324.D

Acq: 29 Jul 2016 3:45

Instrument :

BNA_G

ClientSampleId :

PB92434TB

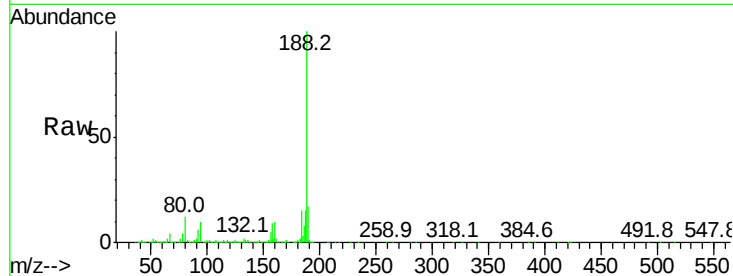
Tot Ion:188 Resp: 1218318

Ion Ratio Lower Upper

188 100

94 9.5 5.2 7.8#

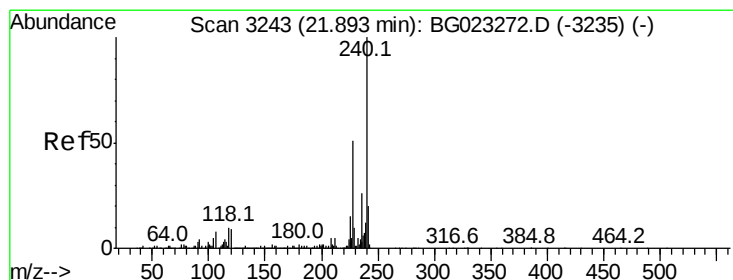
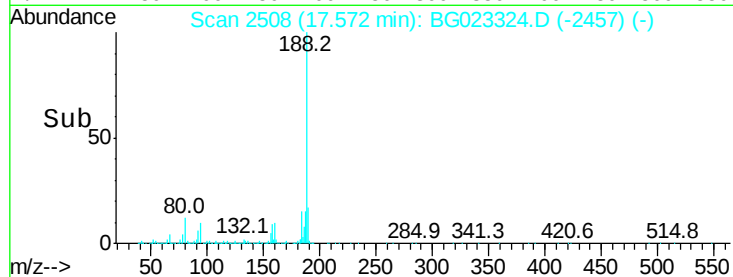
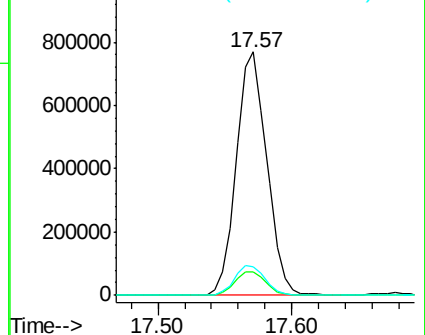
80 11.9 7.2 10.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.89 min Scan# 3243

Delta R.T. 0.00 min

Lab File: BG023324.D

Acq: 29 Jul 2016 3:45

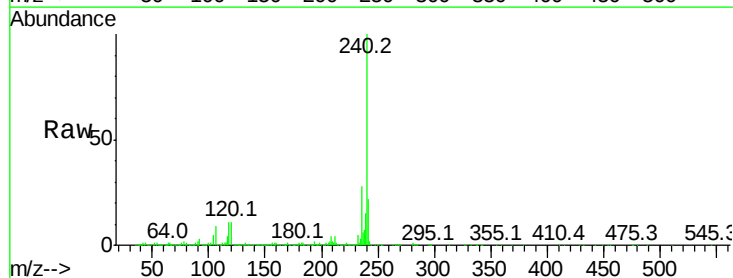
Tgt Ion:240 Resp: 1250149

Ion Ratio Lower Upper

240 100

120 11.3 4.1 6.1#

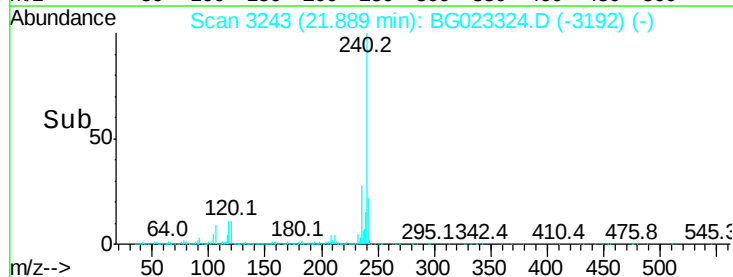
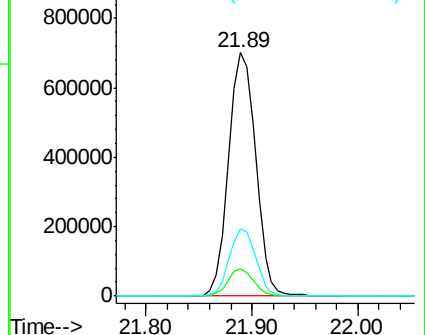
236 27.6 21.1 31.7

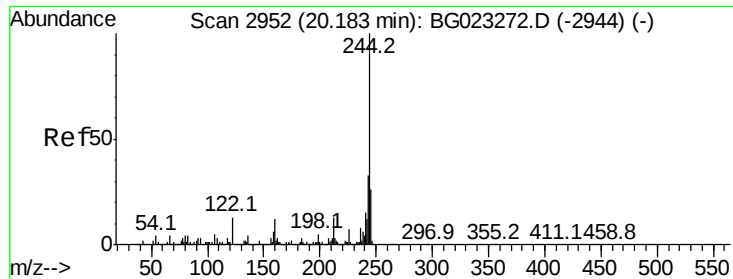


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 80.03 ng

RT: 20.18 min Scan# 2952

Delta R.T. 0.00 min

Lab File: BG023324.D

Acq: 29 Jul 2016 3:45

Instrument :

BNA_G

ClientSampleId :

PB92434TB

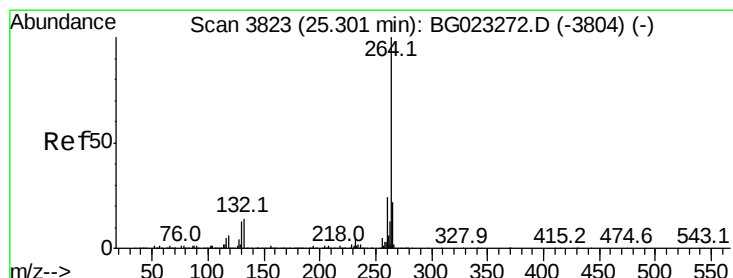
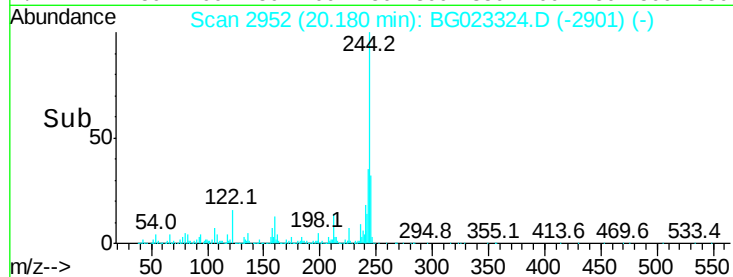
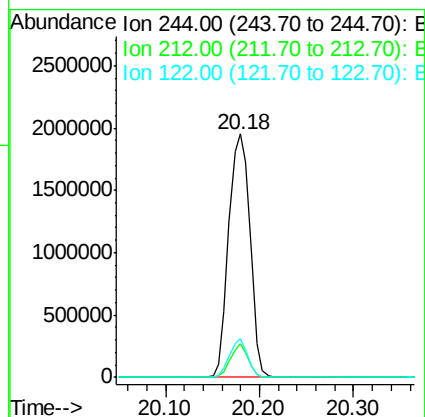
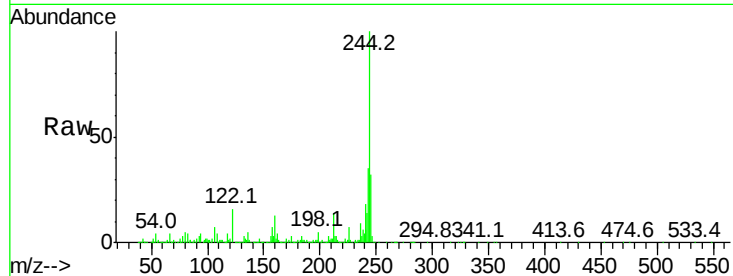
Tot Ion:244 Resp: 3077858

Ion	Ratio	Lower	Upper
244	100		
212	13.9	10.8	16.2
122	15.8	8.0	12.0

244 100

212 13.9 10.8 16.2

122 15.8 8.0 12.0



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.30 min Scan# 3823

Delta R.T. -0.01 min

Lab File: BG023324.D

Acq: 29 Jul 2016 3:45

Tgt Ion:264 Resp: 1240598

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.4	27.6
265	21.8	18.9	28.3

264 100

260 23.2 18.4 27.6

265 21.8 18.9 28.3

