

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072916\
 Data File : BG023322.D
 Acq On : 29 Jul 2016 2:26
 Operator : UM/SJ
 Sample : PB92434BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB92434BL

Quant Time: Jul 29 07:42:55 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	8.13	152	156257	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	710642	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	503929	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1199585	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1220221	20.00	ng	0.00
86) Perylene-d12	25.30	264	1228302	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	1077475	117.72	ng	0.00
7) Phenol-d6	7.29	99	1615324	114.95	ng	0.00
23) Nitrobenzene-d5	9.31	82	1015305	69.87	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	714148	136.92	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2213975	82.23	ng	0.00
78) Terphenyl-d14	20.18	244	2866578	76.37	ng	0.00

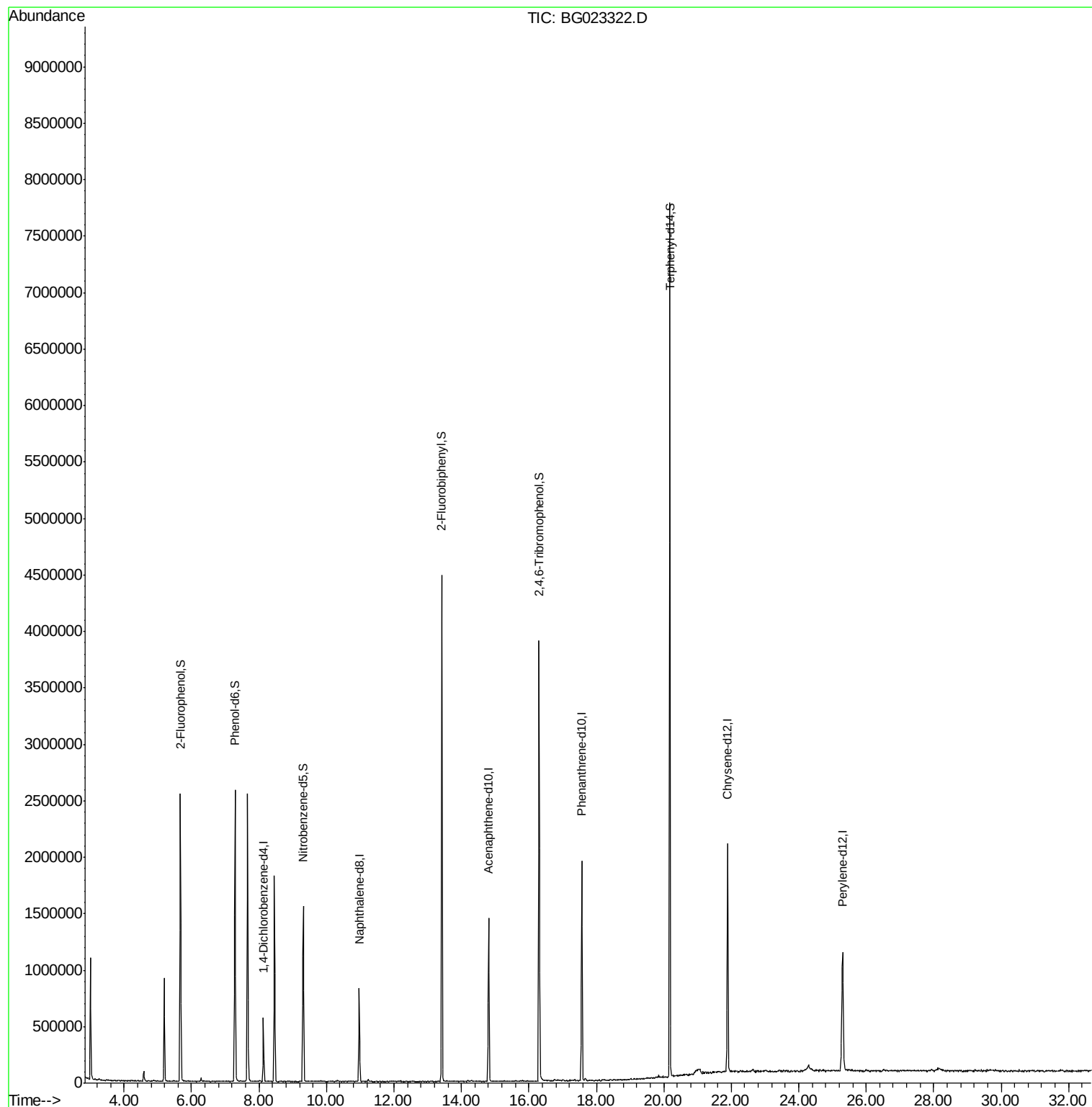
Target Compounds Qvalue

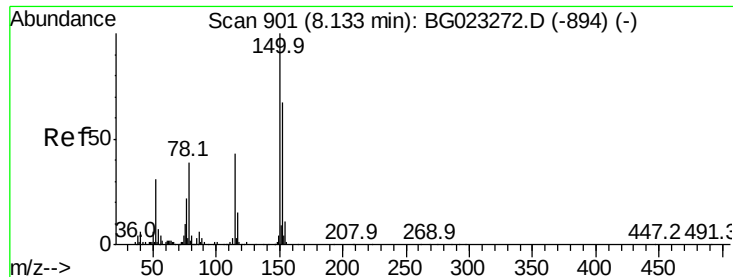
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.13 min Scan# 901

Delta R.T. -0.01 min

Lab File: BG023322.D

Acq: 29 Jul 2016 2:26

Instrument :

BNA_G

ClientSampleId :

PB92434BL

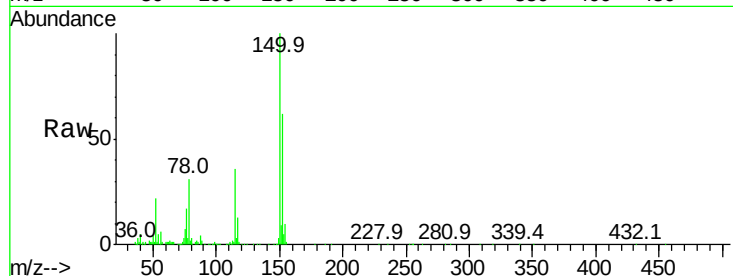
Tot Ion:152 Resp: 156257

Ion Ratio Lower Upper

152 100

150 160.6 144.7 217.1

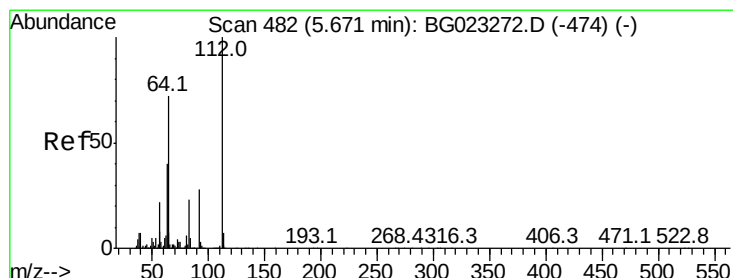
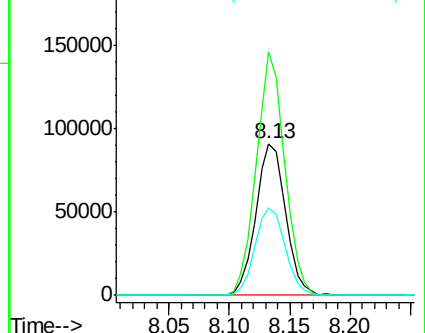
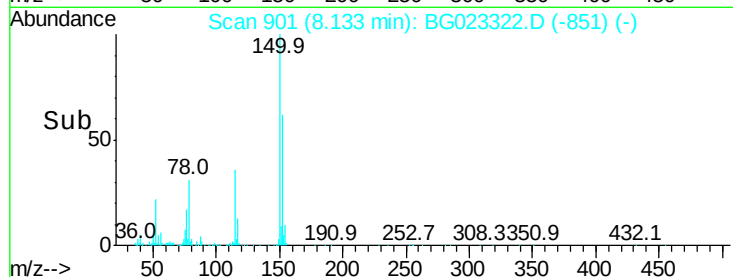
115 57.6 64.0 96.0#



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: 117.72 ng

RT: 5.67 min Scan# 482

Delta R.T. -0.00 min

Lab File: BG023322.D

Acq: 29 Jul 2016 2:26

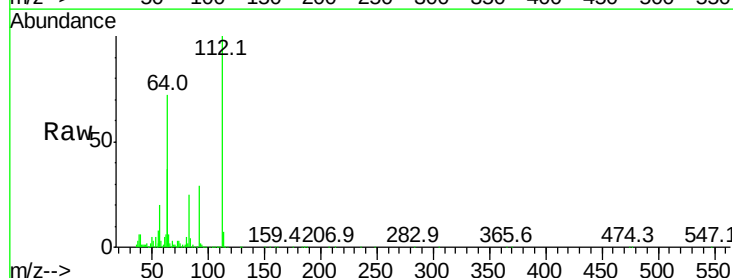
Tgt Ion:112 Resp: 1077475

Ion Ratio Lower Upper

112 100

64 72.3 59.0 88.4

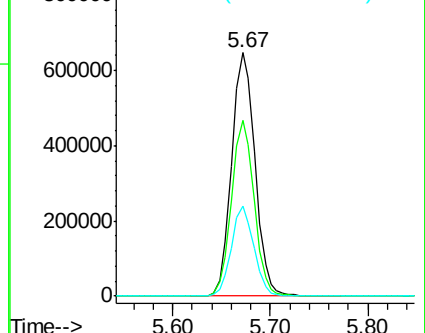
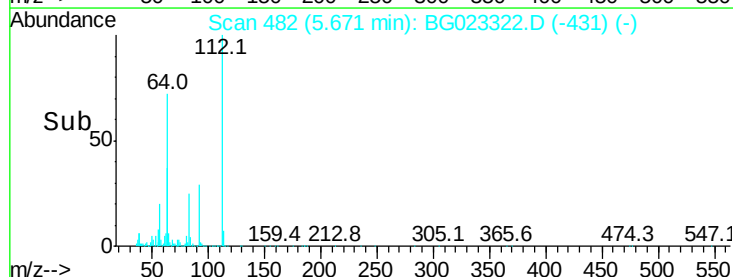
63 36.9 37.8 56.8#

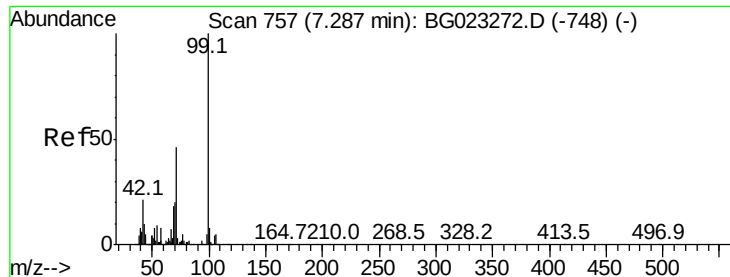


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 114.95 ng

RT: 7.29 min Scan# 757

Delta R.T. -0.00 min

Lab File: BG023322.D

Acq: 29 Jul 2016 2:26

Instrument :

BNA_G

ClientSampleId :

PB92434BL

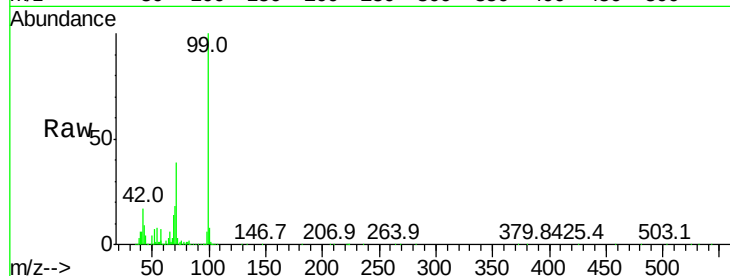
Tot Ion: 99 Resp: 1615324

Ion Ratio Lower Upper

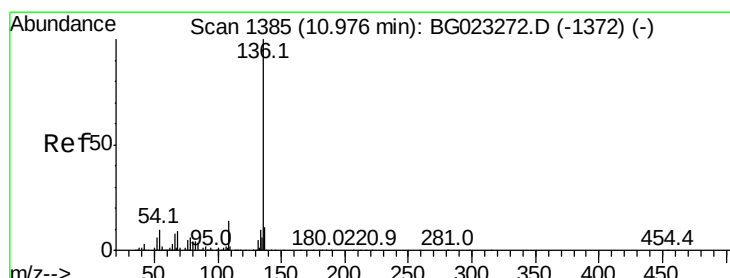
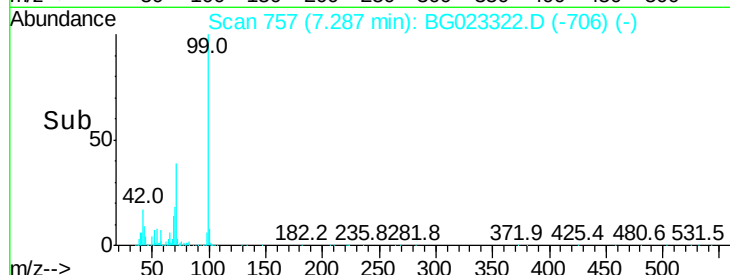
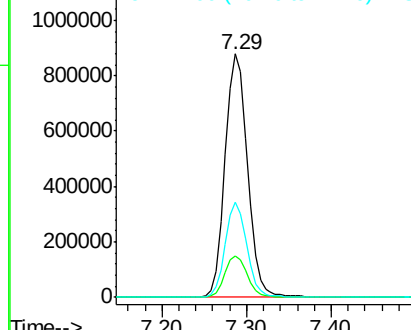
99 100

42 17.0 17.8 26.6#

71 39.1 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: 10.98 min Scan# 1385

Delta R.T. -0.00 min

Lab File: BG023322.D

Acq: 29 Jul 2016 2:26

Tgt Ion: 136 Resp: 710642

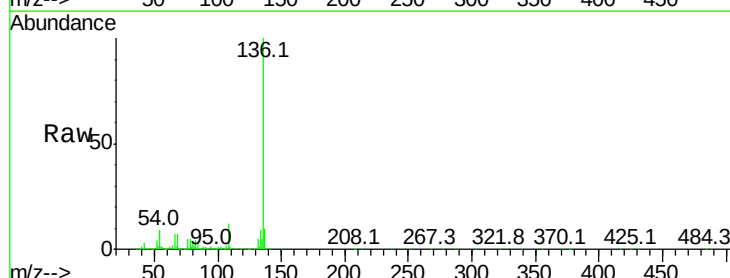
Ion Ratio Lower Upper

136 100

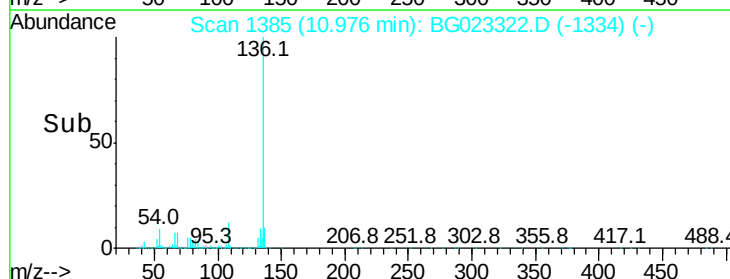
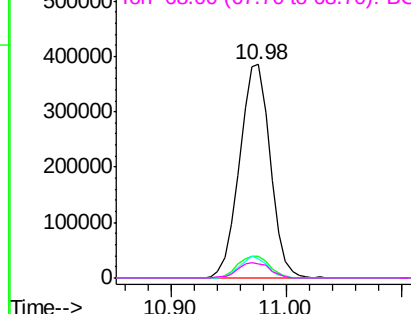
137 10.2 9.6 14.4

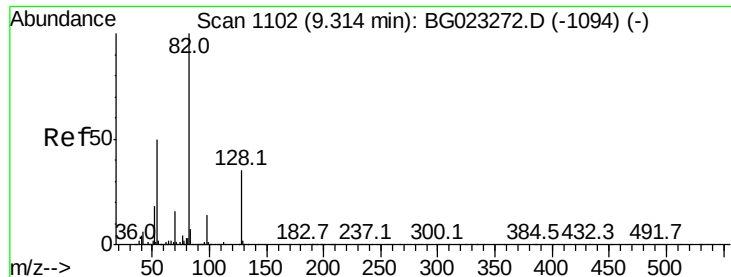
54 8.8 7.3 10.9

68 6.7 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

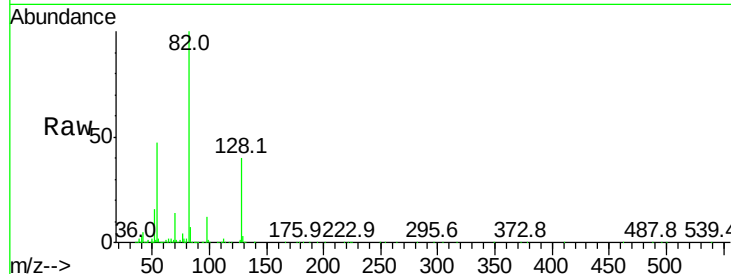




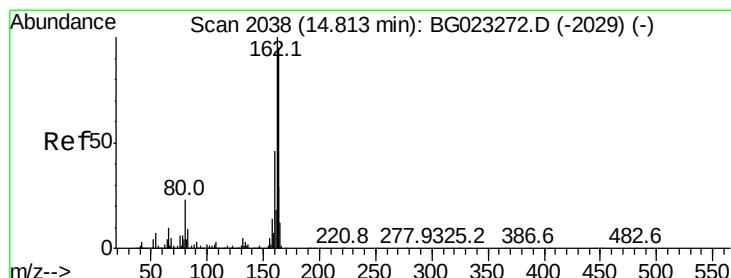
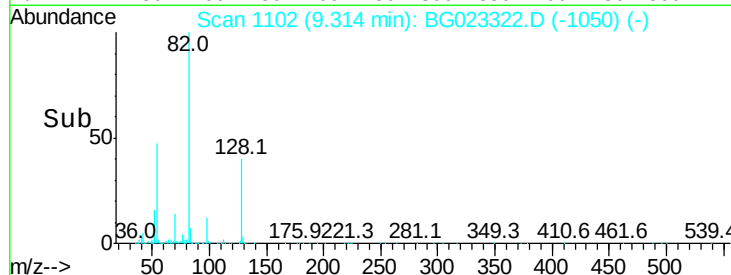
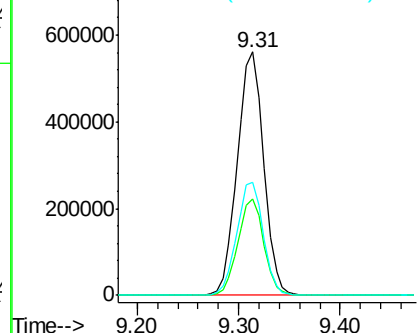
#23
 Nitrobenzene-d5
 Concen: 69.87 ng
 RT: 9.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BG023322.D
 Acq: 29 Jul 2016 2:26

Instrument :
 BNA_G
 ClientSampleId :
 PB92434BL

Tot Ion: 82 Resp: 1015305
 Ion Ratio Lower Upper
 82 100
 128 39.6 24.4 36.6#
 54 46.7 41.4 62.0

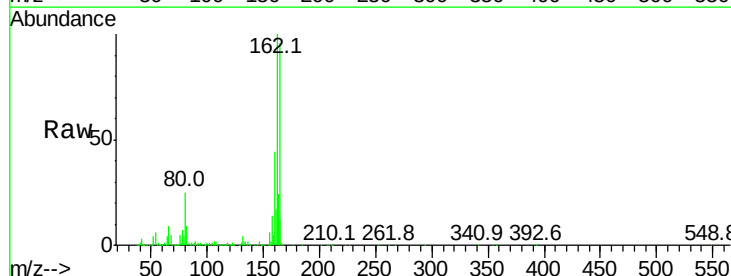


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

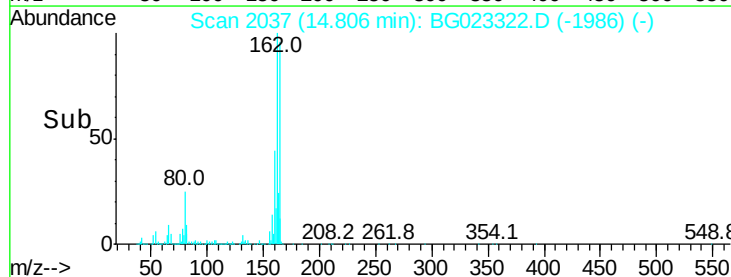
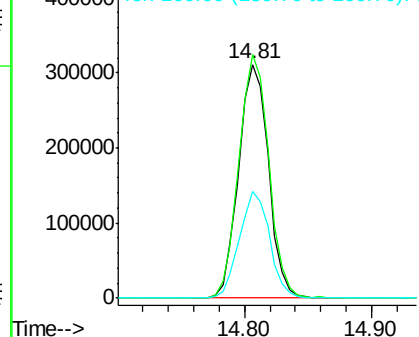


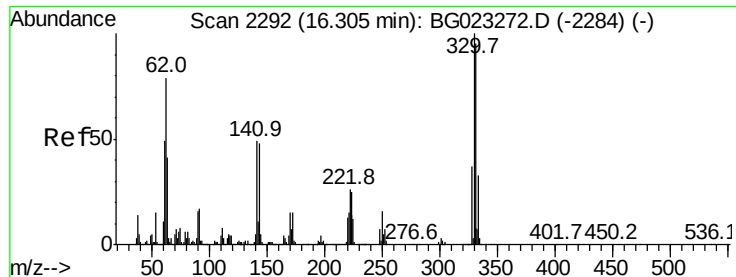
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.81 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: BG023322.D
 Acq: 29 Jul 2016 2:26

Tgt Ion: 164 Resp: 503929
 Ion Ratio Lower Upper
 164 100
 162 104.3 87.7 131.5
 160 45.9 37.2 55.8



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

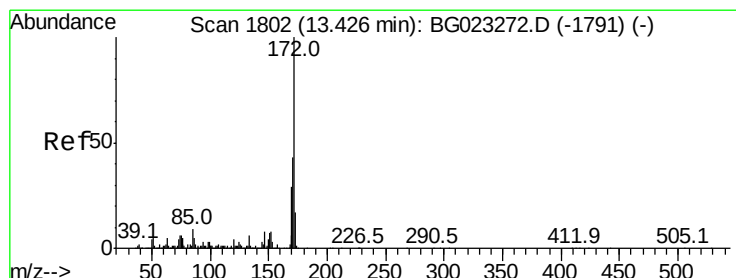
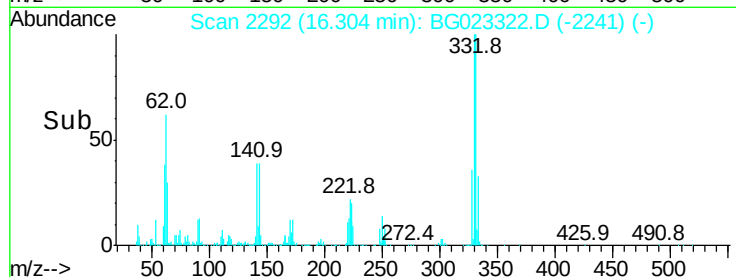
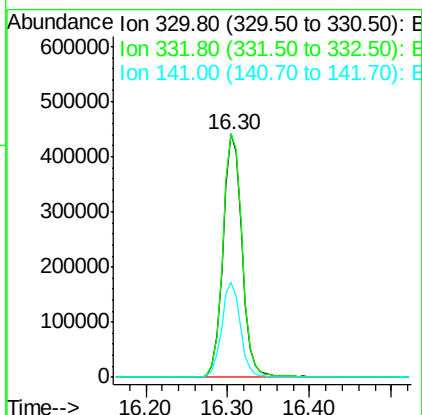
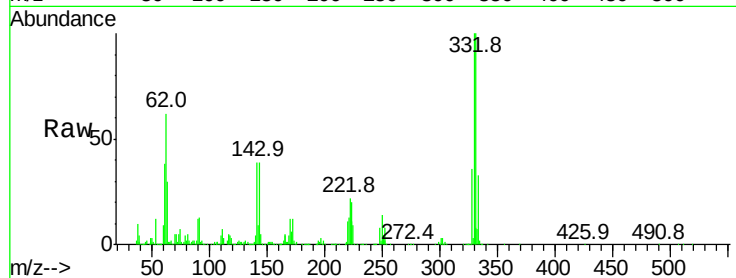




#41
 2,4,6-Tribromophenol
 Concen: 136.92 ng
 RT: 16.30 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: BG023322.D
 Acq: 29 Jul 2016 2:26

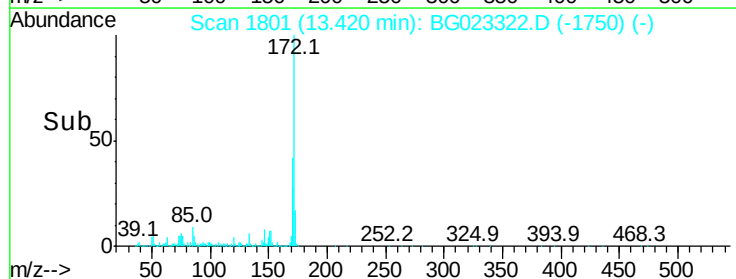
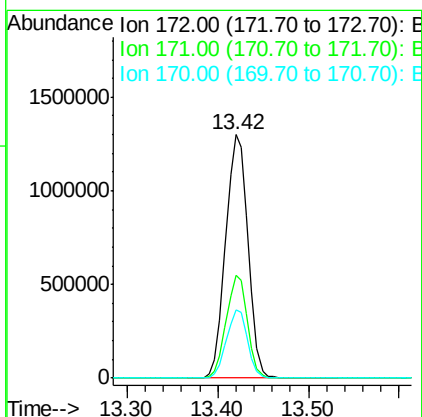
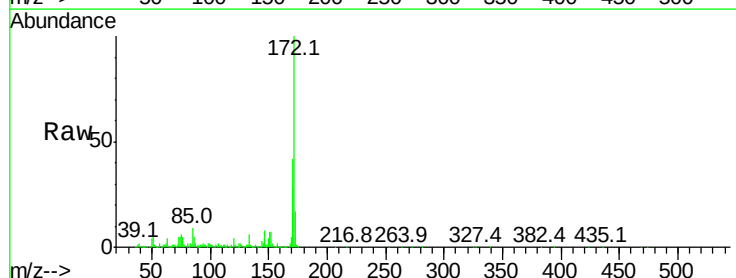
Instrument :
 BNA_G
 ClientSampleId :
 PB92434BL

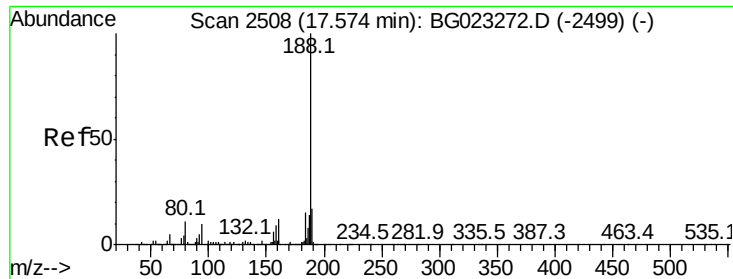
Tot Ion:330 Resp: 714148
 Ion Ratio Lower Upper
 330 100
 332 101.3 77.4 116.2
 141 38.1 31.7 47.5



#44
 2-Fluorobiphenyl
 Concen: 82.23 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: BG023322.D
 Acq: 29 Jul 2016 2:26

Tgt Ion:172 Resp: 2213975
 Ion Ratio Lower Upper
 172 100
 171 42.4 31.6 47.4
 170 28.3 21.3 31.9

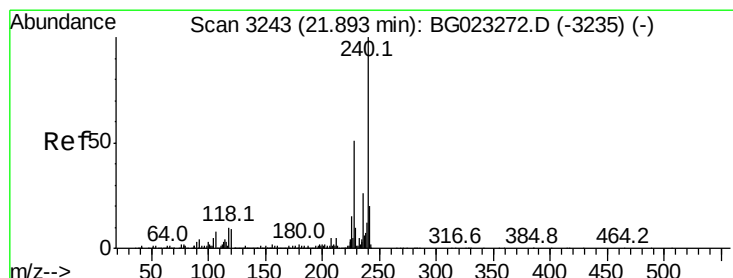
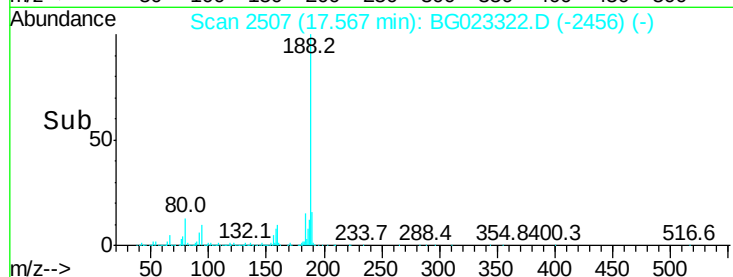
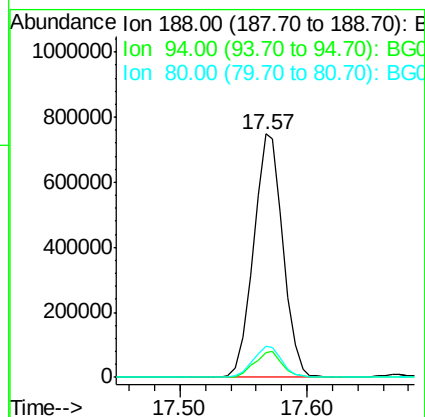
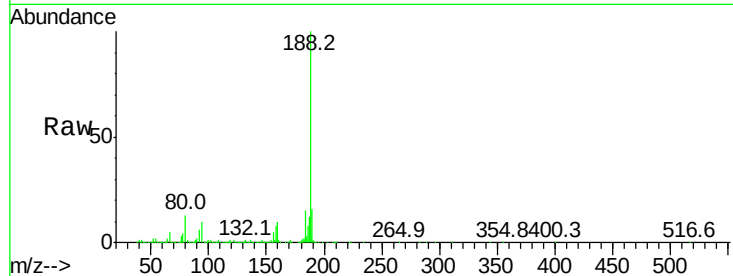




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2507
Delta R.T. -0.00 min
Lab File: BG023322.D
Acq: 29 Jul 2016 2:26

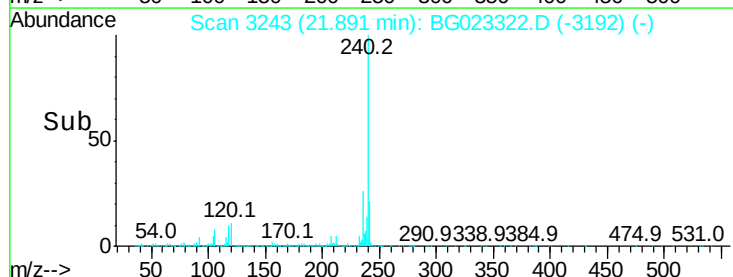
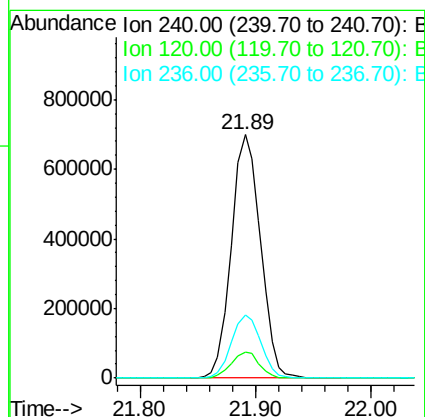
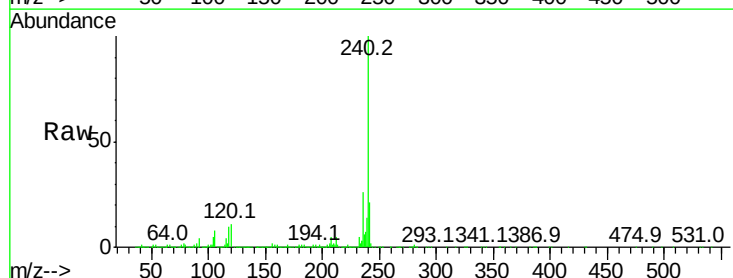
Instrument :
BNA_G
ClientSampleId :
PB92434BL

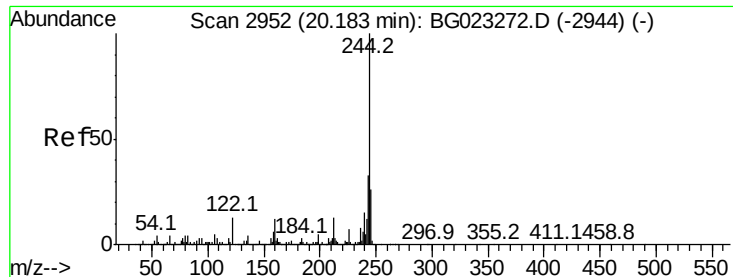
Tot Ion:188 Resp: 1199585
Ion Ratio Lower Upper
188 100
94 10.1 5.2 7.8#
80 12.6 7.2 10.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.89 min Scan# 3243
Delta R.T. 0.00 min
Lab File: BG023322.D
Acq: 29 Jul 2016 2:26

Tgt Ion:240 Resp: 1220221
Ion Ratio Lower Upper
240 100
120 10.6 4.1 6.1#
236 26.1 21.1 31.7





#78

Terphenyl-d14

Concen: 76.37 ng

RT: 20.18 min Scan# 2952

Delta R.T. 0.00 min

Lab File: BG023322.D

Acq: 29 Jul 2016 2:26

Instrument :

BNA_G

ClientSampleId :

PB92434BL

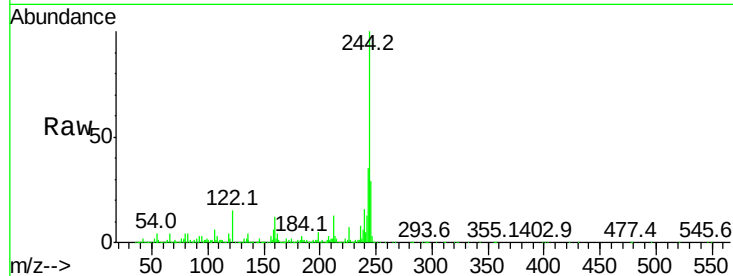
Tot Ion:244 Resp: 2866578

Ion Ratio Lower Upper

244 100

212 12.5 10.8 16.2

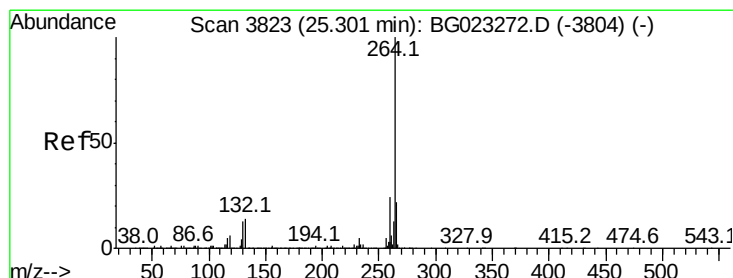
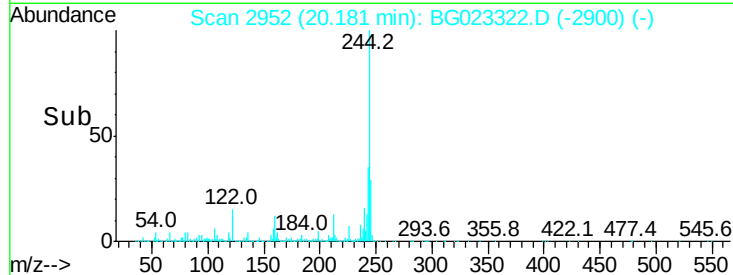
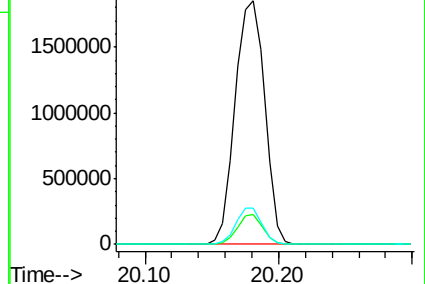
122 14.8 8.0 12.0#



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

Perylene-d12

Concen: 20.00 ng

RT: 25.30 min Scan# 3823

Delta R.T. -0.00 min

Lab File: BG023322.D

Acq: 29 Jul 2016 2:26

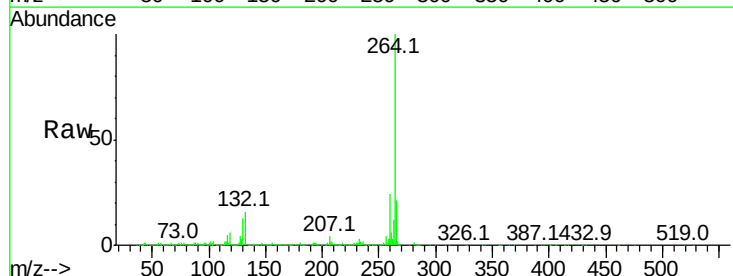
Tgt Ion:264 Resp: 1228302

Ion Ratio Lower Upper

264 100

260 24.0 18.4 27.6

265 21.2 18.9 28.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

