

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
 Data File : BG021118.D
 Acq On : 27 Feb 2016 17:04
 Operator : UM/SJ
 Sample : H1578-09
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DUP-1-20160224

Quant Time: Feb 29 01:38:20 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 26 16:39:44 2016
 Response via : Initial Calibration

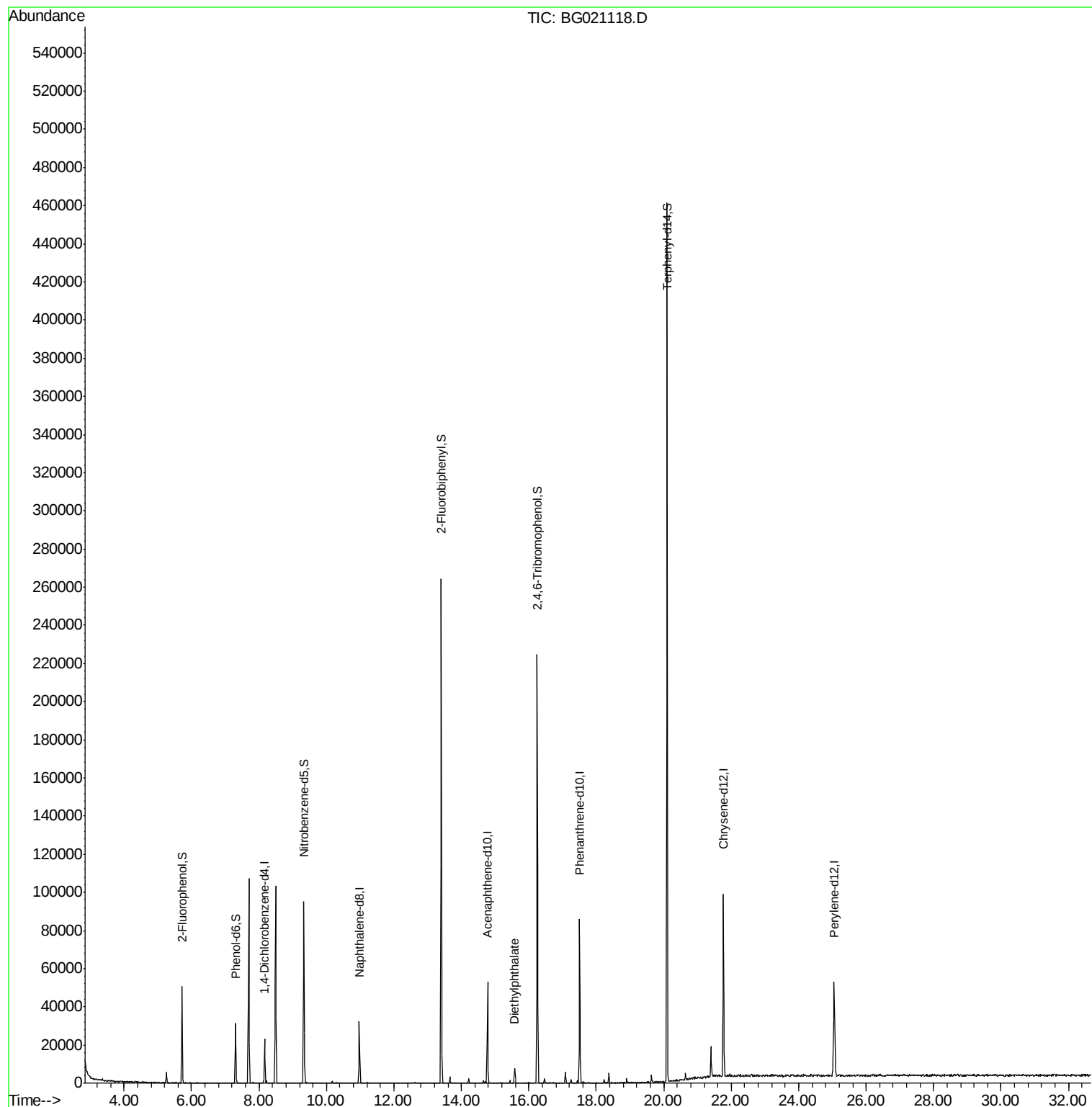
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	6007	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	26986	20.00	ng	-0.02
38) Acenaphthene-d10	14.77	164	17923	20.00	ng	-0.01
63) Phenanthrene-d10	17.51	188	48724	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	56594	20.00	ng	-0.02
86) Perylene-d12	25.05	264	51424	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	19279	56.19	ng	-0.01
7) Phenol-d6	7.31	99	17624	34.52	ng	-0.02
23) Nitrobenzene-d5	9.33	82	58748	103.72	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	31934	135.90	ng	-0.01
44) 2-Fluorobiphenyl	13.40	172	121683	86.88	ng	-0.01
78) Terphenyl-d14	20.10	244	177933	73.48	ng	-0.01
Target Compounds						Qvalue
59) Diethylphthalate	15.58	149	4650	2.86	ng	99

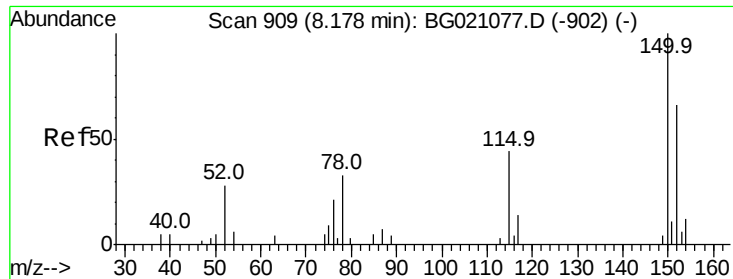
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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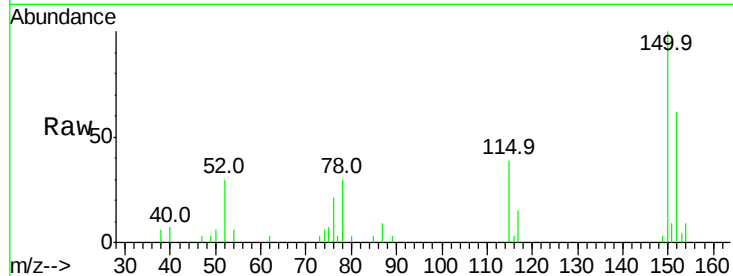


#1

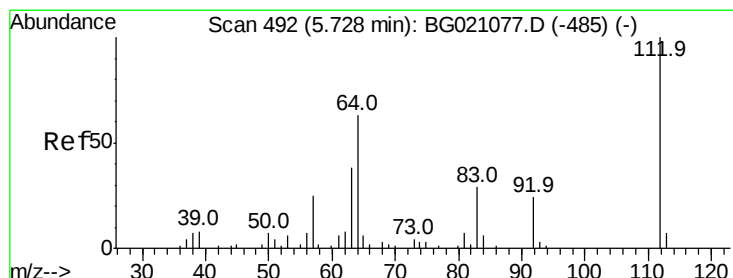
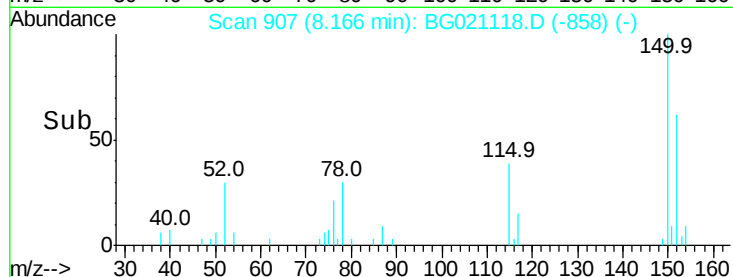
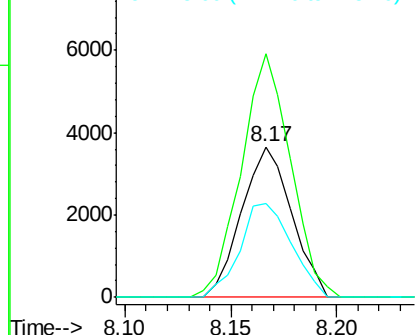
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.17 min Scan# 907
Delta R.T. -0.01 min
Lab File: BG021118.D
Acq: 27 Feb 2016 17:04

Instrument :
BNA_G
ClientSampleId :
DUP-1-20160224

Tot Ion:152 Resp: 6007
Ion Ratio Lower Upper
152 100
150 162.0 123.4 185.2
115 62.4 43.3 64.9



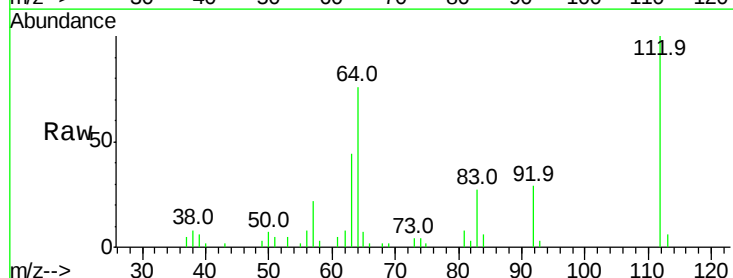
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



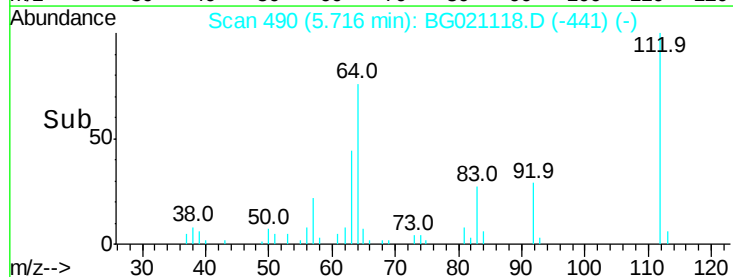
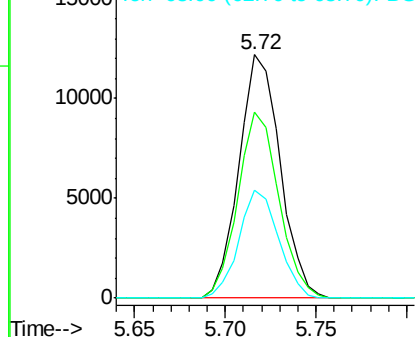
#5

2-Fluorophenol
Concen: 56.19 ng
RT: 5.72 min Scan# 490
Delta R.T. -0.01 min
Lab File: BG021118.D
Acq: 27 Feb 2016 17:04

Tgt Ion:112 Resp: 19279
Ion Ratio Lower Upper
112 100
64 76.3 42.6 63.8#
63 44.4 21.7 32.5#



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: 34.52 ng

RT: 7.31 min Scan# 761

Delta R.T. -0.02 min

Lab File: BG021118.D

Acq: 27 Feb 2016 17:04

Instrument :

BNA_G

ClientSampleId :

DUP-1-20160224

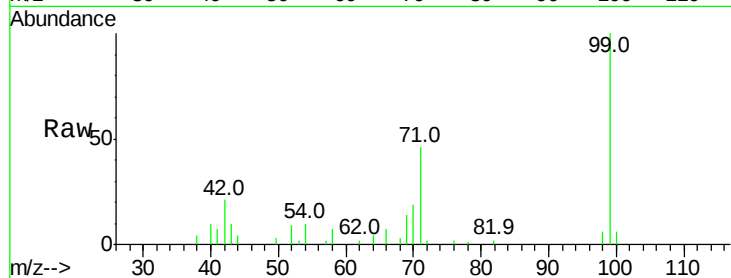
Tot Ion: 99 Resp: 17624

Ion Ratio Lower Upper

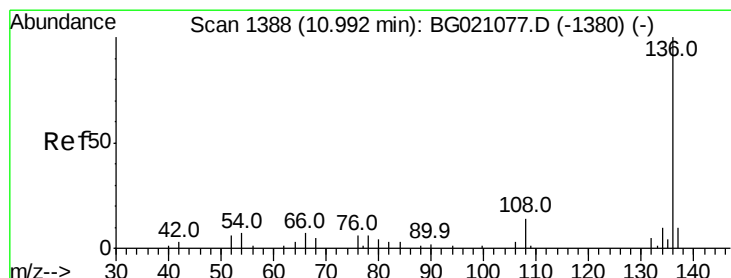
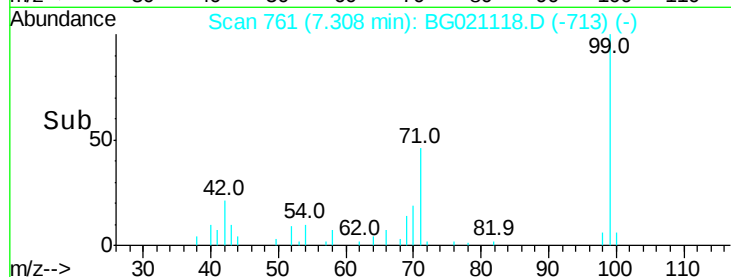
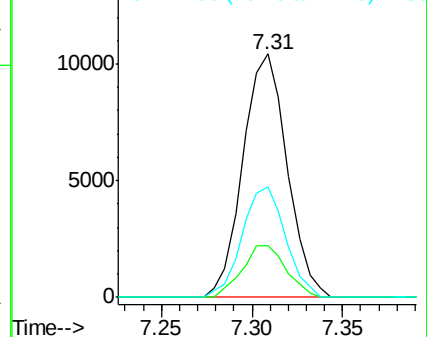
99 100

42 21.0 13.2 19.8#

71 45.5 25.2 37.8#



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# 1385

Delta R.T. -0.02 min

Lab File: BG021118.D

Acq: 27 Feb 2016 17:04

Tgt Ion: 136 Resp: 26986

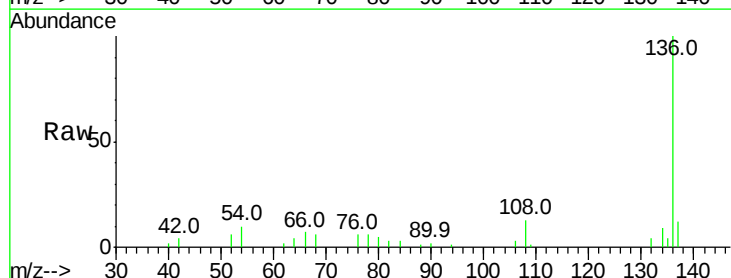
Ion Ratio Lower Upper

136 100

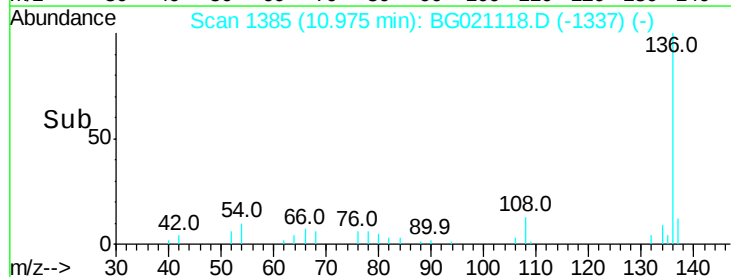
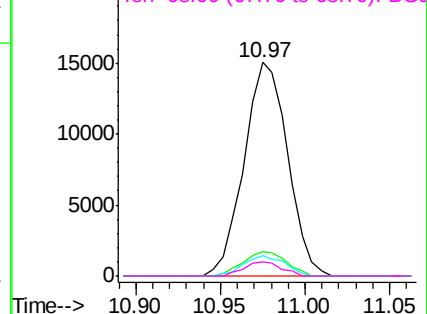
137 11.6 8.8 13.2

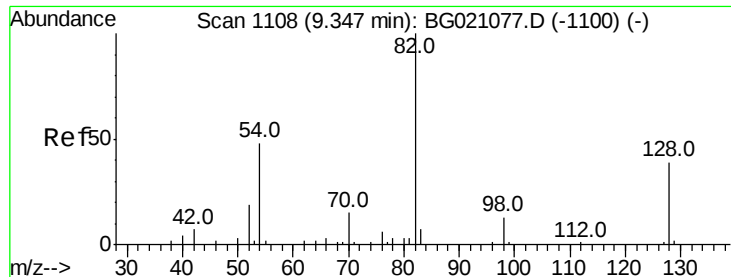
54 9.6 6.9 10.3

68 6.4 5.8 8.6



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

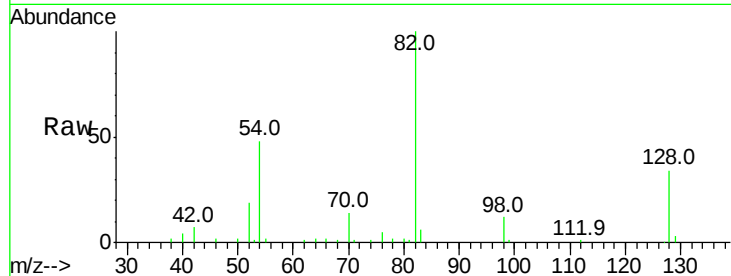




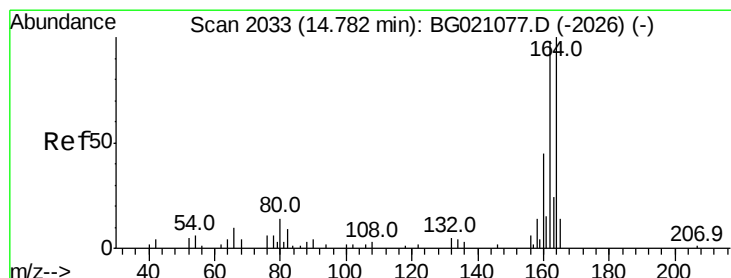
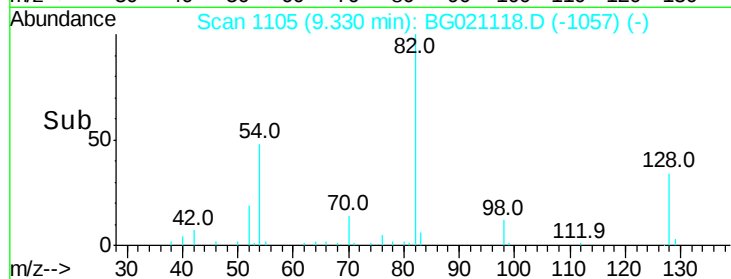
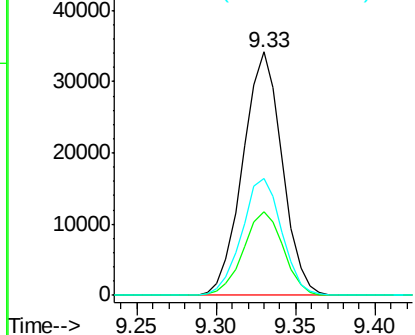
#23
 Nitrobenzene-d5
 Concen: 103.72 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. -0.02 min
 Lab File: BG021118.D
 Acq: 27 Feb 2016 17:04

Instrument :
 BNA_G
 ClientSampleId :
 DUP-1-20160224

Tot Ion: 82 Resp: 58748
 Ion Ratio Lower Upper
 82 100
 128 34.3 36.3 54.5#
 54 48.3 37.6 56.4

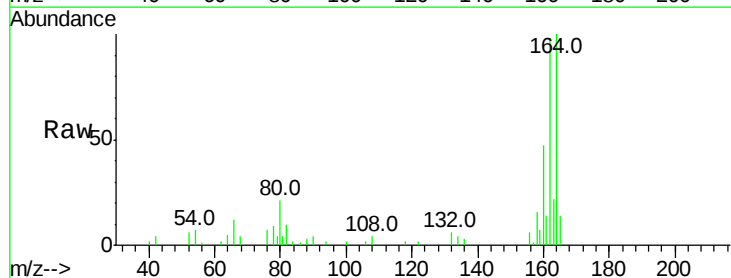


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

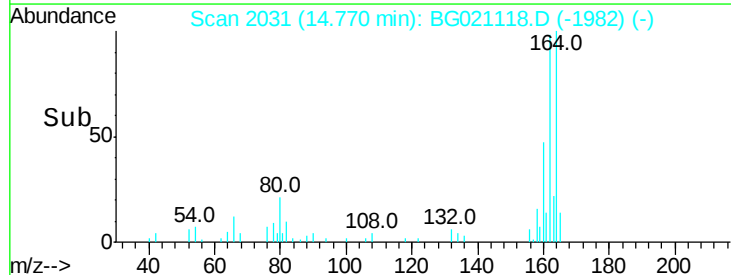
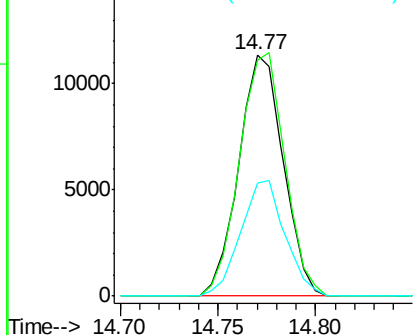


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.77 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BG021118.D
 Acq: 27 Feb 2016 17:04

Tgt Ion:164 Resp: 17923
 Ion Ratio Lower Upper
 164 100
 162 97.7 80.6 120.8
 160 46.8 36.5 54.7



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

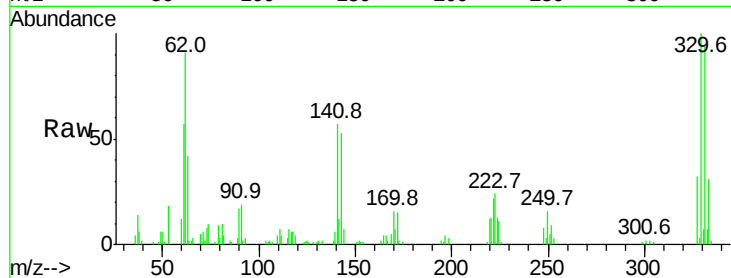




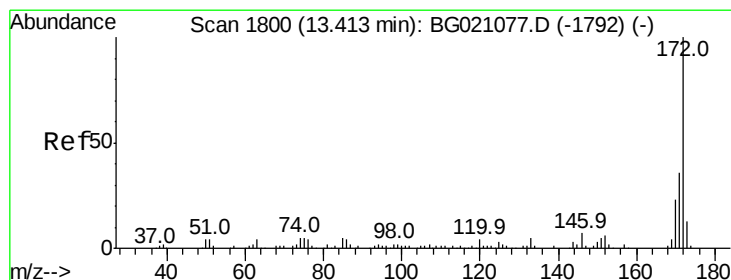
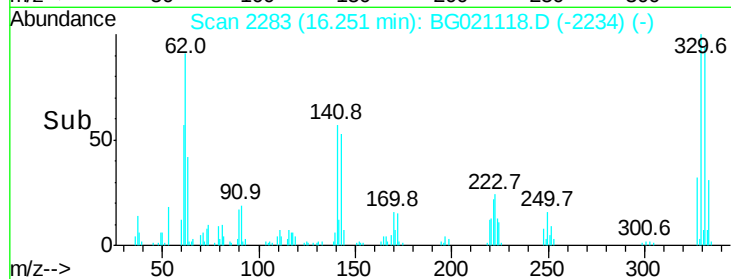
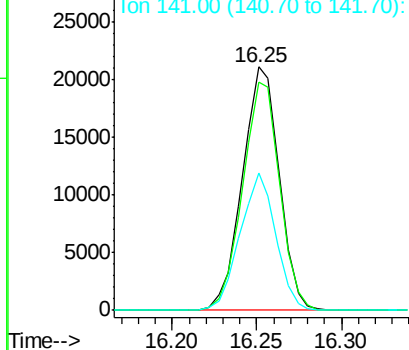
#41
 2,4,6-Tribromophenol
 Concen: 135.90 ng
 RT: 16.25 min Scan# 2283
 Delta R.T. -0.01 min
 Lab File: BG021118.D
 Acq: 27 Feb 2016 17:04

Instrument :
 BNA_G
 ClientSampleId :
 DUP-1-20160224

Tot Ion:330 Resp: 31934
 Ion Ratio Lower Upper
 330 100
 332 94.2 77.4 116.0
 141 54.8 35.3 52.9#

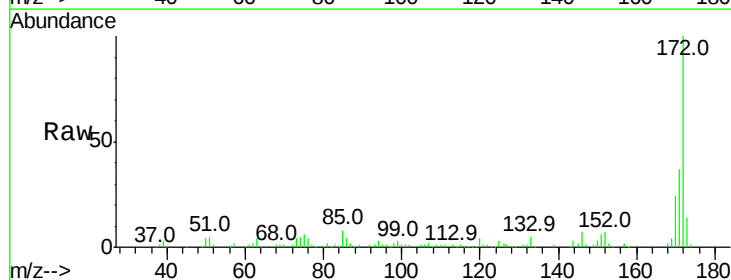


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

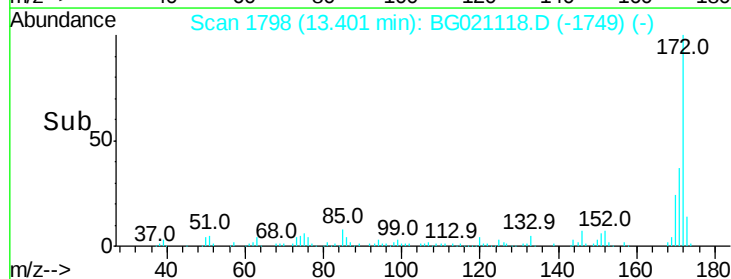
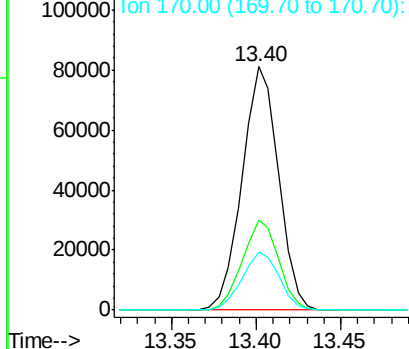


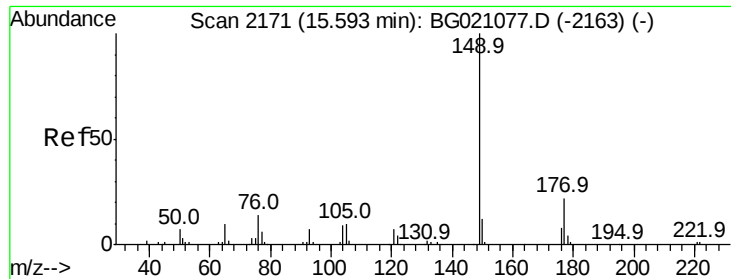
#44
 2-Fluorobiphenyl
 Concen: 86.88 ng
 RT: 13.40 min Scan# 1798
 Delta R.T. -0.01 min
 Lab File: BG021118.D
 Acq: 27 Feb 2016 17:04

Tgt Ion:172 Resp: 121683
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.4 44.0
 170 23.8 19.8 29.8



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

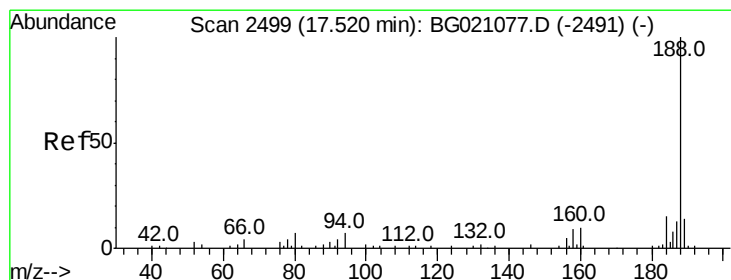
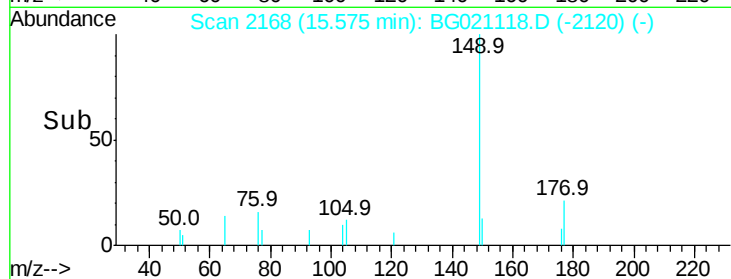
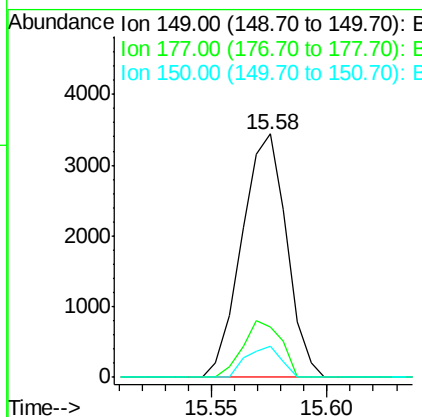
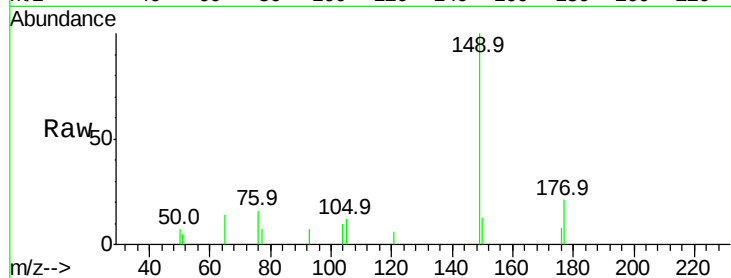




#59
Diethylphthalate
Concen: 2.86 ng
RT: 15.58 min Scan# 2168
Delta R.T. -0.02 min
Lab File: BG021118.D
Acq: 27 Feb 2016 17:04

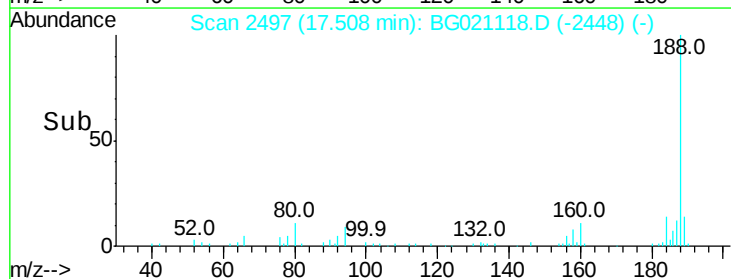
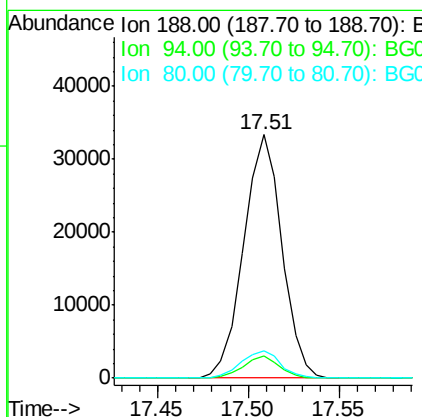
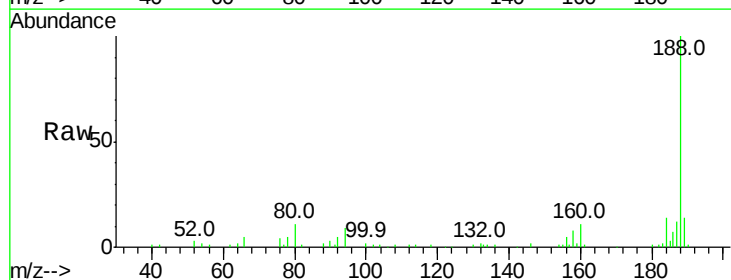
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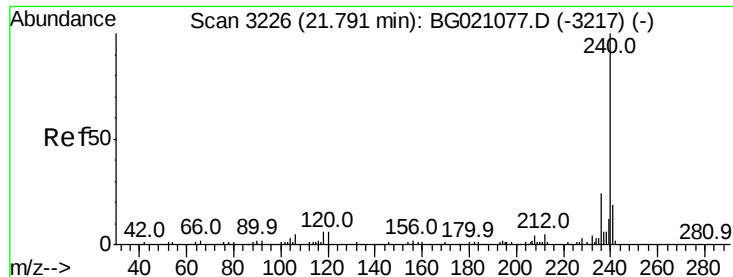
Tot Ion:149 Resp: 4650
Ion Ratio Lower Upper
149 100
177 20.5 15.8 23.8
150 12.7 10.1 15.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.51 min Scan# 2497
Delta R.T. -0.01 min
Lab File: BG021118.D
Acq: 27 Feb 2016 17:04

Tgt Ion:188 Resp: 48724
Ion Ratio Lower Upper
188 100
94 9.3 8.2 12.4
80 11.1 9.2 13.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.77 min Scan# 3222

Delta R.T. -0.02 min

Lab File: BG021118.D

Acq: 27 Feb 2016 17:04

Instrument :

BNA_G

ClientSampleId :

DUP-1-20160224

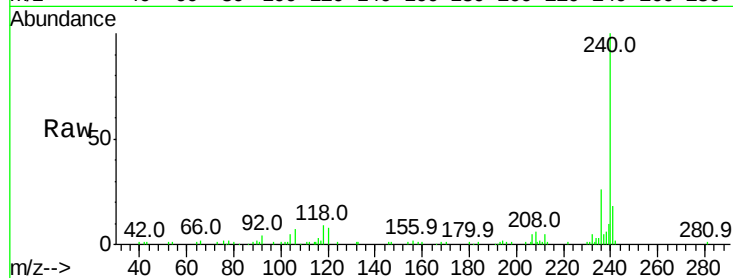
Tot Ion:240 Resp: 56594

Ion Ratio Lower Upper

240 100

120 8.5 7.5 11.3

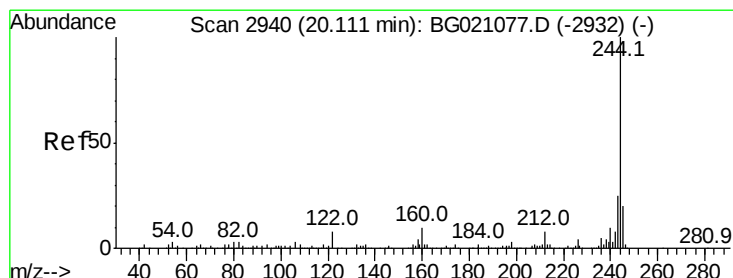
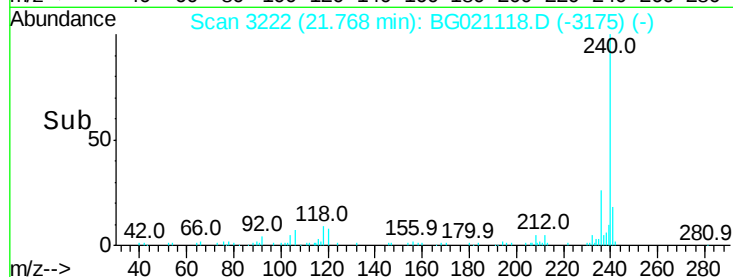
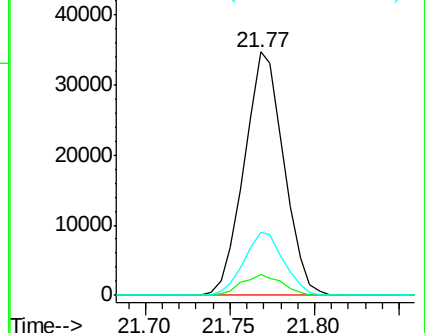
236 25.9 20.5 30.7



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: 73.48 ng

RT: 20.10 min Scan# 2938

Delta R.T. -0.01 min

Lab File: BG021118.D

Acq: 27 Feb 2016 17:04

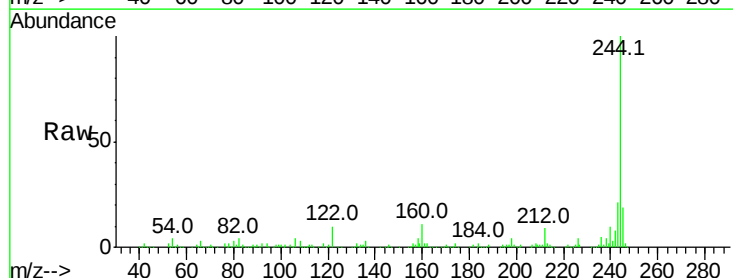
Tgt Ion:244 Resp: 177933

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.6

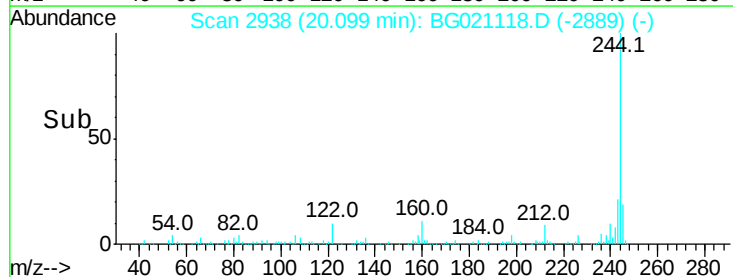
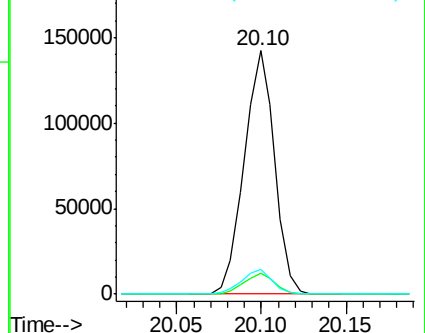
122 10.3 8.3 12.5

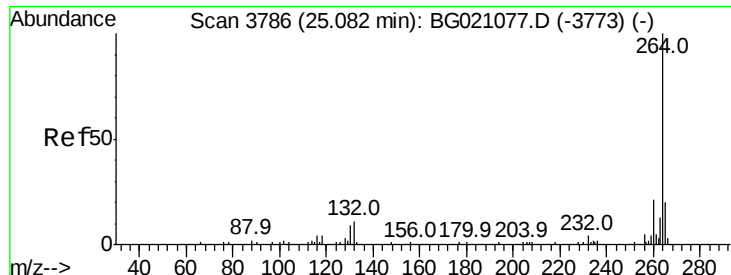


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

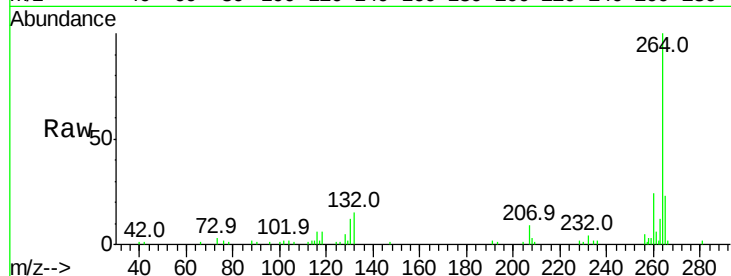




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.05 min Scan# 3781
 Delta R.T. -0.03 min
 Lab File: BG021118.D
 Acq: 27 Feb 2016 17:04

Instrument :
 BNA_G
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 DUP-1-20160224

Tot Ion:	264	Resp:	51424
Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.5	27.7
265	22.9	18.6	28.0



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

