

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
 Data File : BG021147.D
 Acq On : 28 Feb 2016 12:01
 Operator : UM/SJ
 Sample : H1442-02 20X
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 POST-EX-11-20160211

Quant Time: Feb 29 00:35:37 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

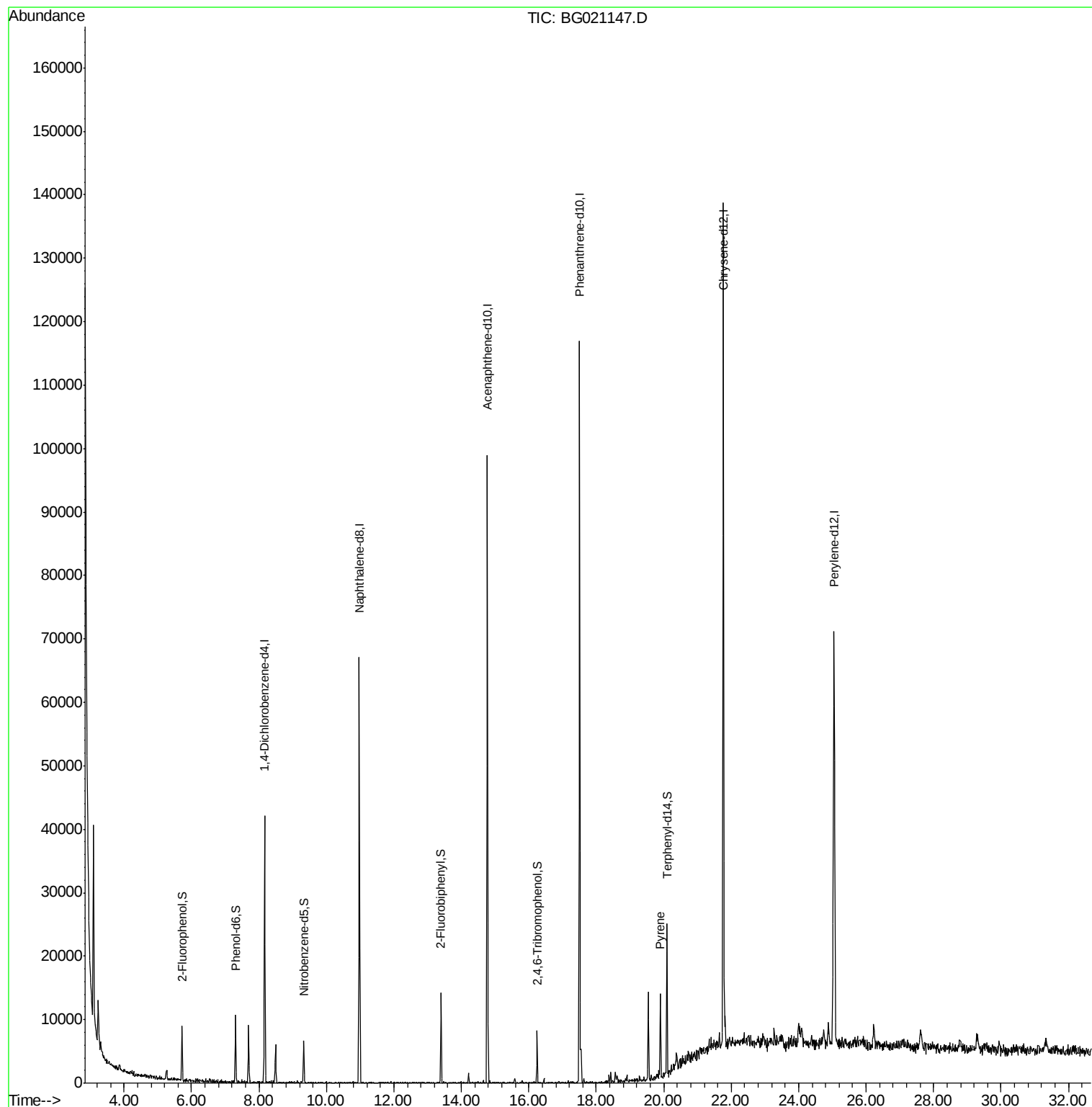
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	10624	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	52160	20.00	ng	-0.02
38) Acenaphthene-d10	14.77	164	31050	20.00	ng	-0.01
63) Phenanthrene-d10	17.51	188	68544	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	70790	20.00	ng	-0.02
86) Perylene-d12	25.05	264	67479	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	3688	6.08	ng	0.00
7) Phenol-d6	7.31	99	6279	6.95	ng	-0.02
23) Nitrobenzene-d5	9.33	82	4610	4.21	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	1451	3.56	ng	-0.02
44) 2-Fluorobiphenyl	13.40	172	8088	3.33	ng	-0.02
78) Terphenyl-d14	20.09	244	9790	3.23	ng	-0.02
Target Compounds						
77) Pyrene	19.90	202	8289	2.11	ng	Qvalue 97

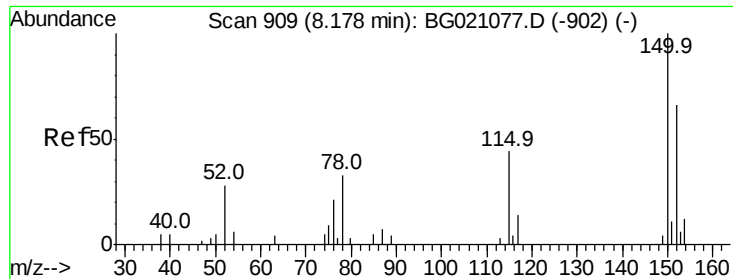
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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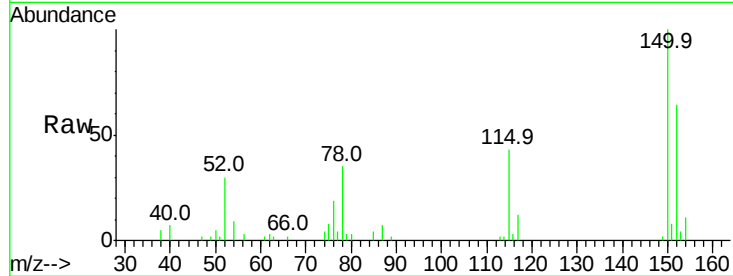


#1

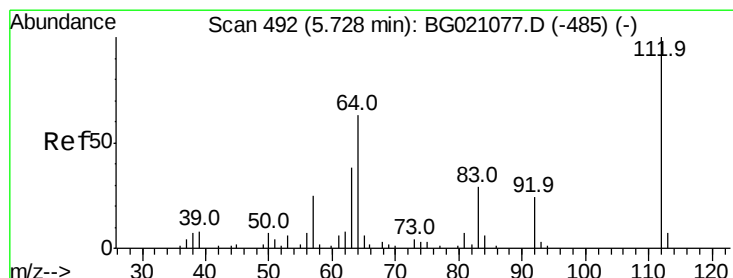
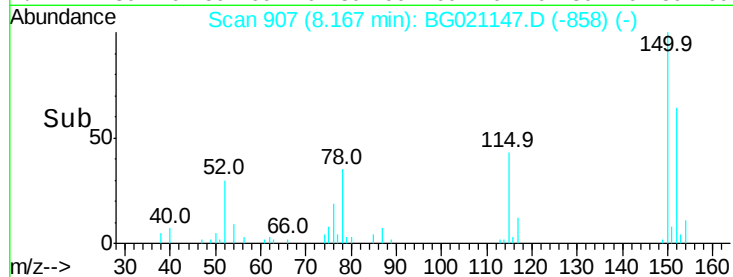
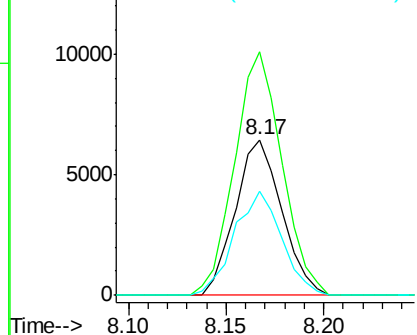
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.17 min Scan# 907
Delta R.T. -0.01 min
Lab File: BG021147.D
Acq: 28 Feb 2016 12:01

Instrument :
BNA_G
ClientSampleId :
POST-EX-11-20160211

Tot Ion:152 Resp: 10624
Ion Ratio Lower Upper
152 100
150 156.8 123.4 185.2
115 67.0 43.3 64.9#



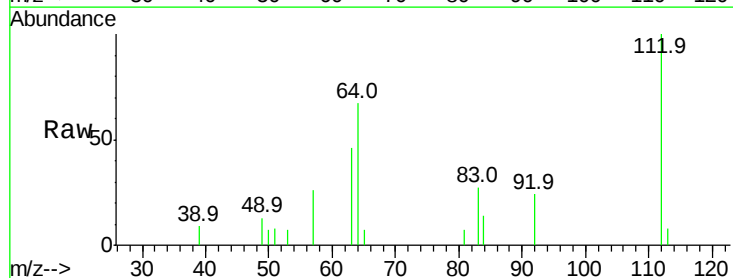
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



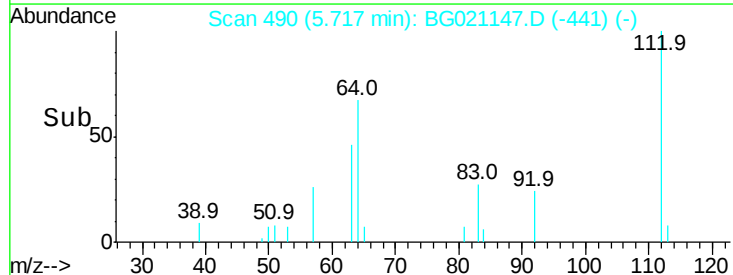
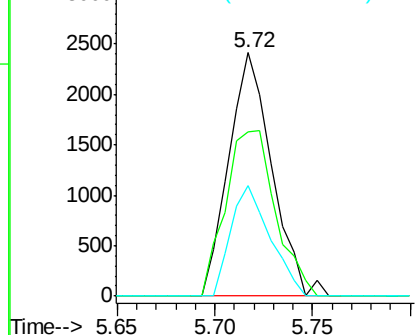
#5

2-Fluorophenol
Concen: 6.08 ng
RT: 5.72 min Scan# 490
Delta R.T. -0.01 min
Lab File: BG021147.D
Acq: 28 Feb 2016 12:01

Tgt Ion:112 Resp: 3688
Ion Ratio Lower Upper
112 100
64 67.2 42.6 63.8#
63 45.6 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: 6.95 ng

RT: 7.31 min Scan# 761

Delta R.T. -0.02 min

Lab File: BG021147.D

Acq: 28 Feb 2016 12:01

Instrument :

BNA_G

ClientSampleId :

POST-EX-11-20160211

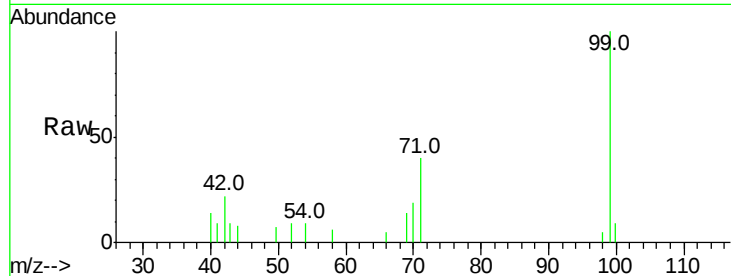
Tot Ion: 99 Resp: 6279

Ion Ratio Lower Upper

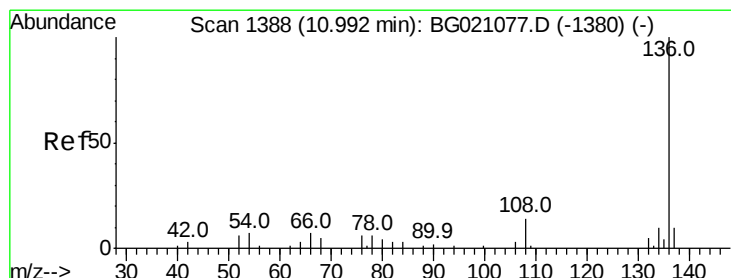
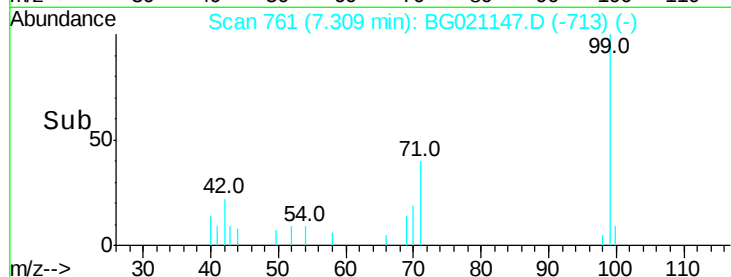
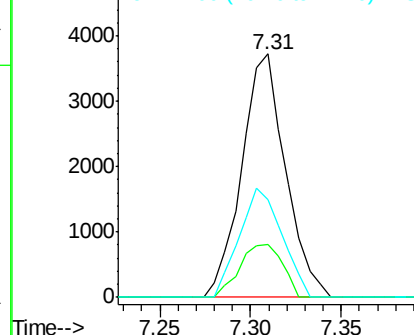
99 100

42 21.5 13.2 19.8#

71 40.4 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: 10.98 min Scan# 1385

Delta R.T. -0.02 min

Lab File: BG021147.D

Acq: 28 Feb 2016 12:01

Tgt Ion: 136 Resp: 52160

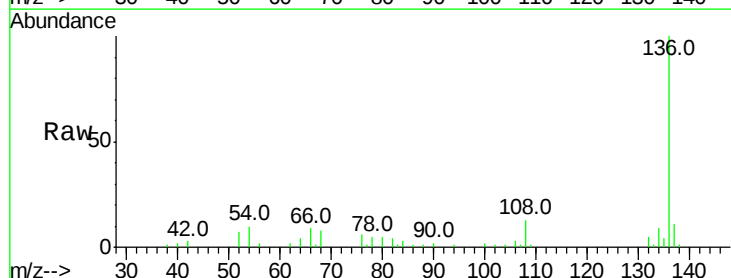
Ion Ratio Lower Upper

136 100

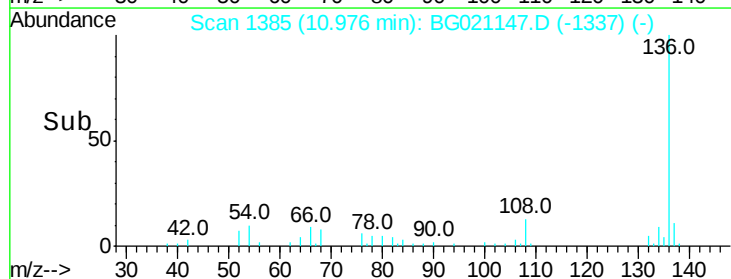
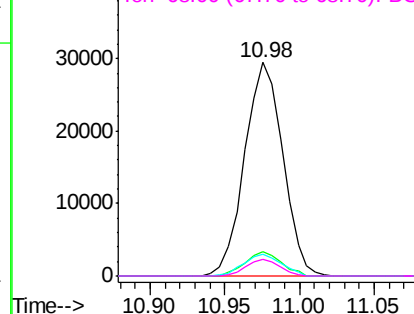
137 11.1 8.8 13.2

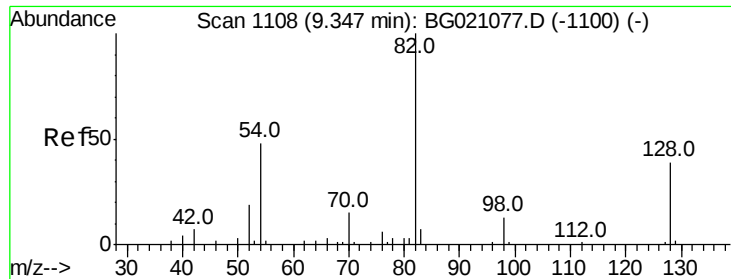
54 10.1 6.9 10.3

68 8.0 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

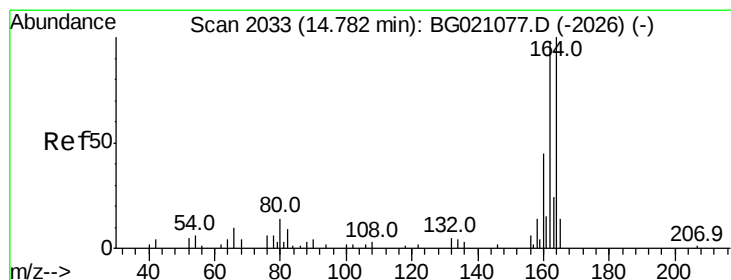
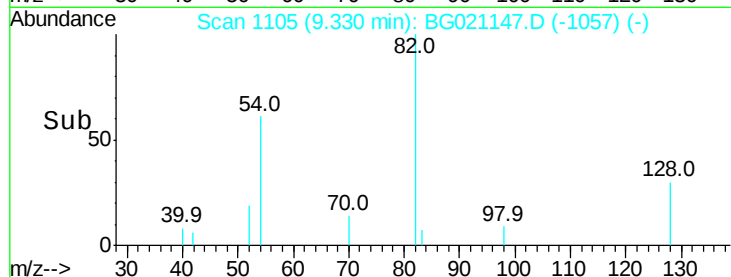
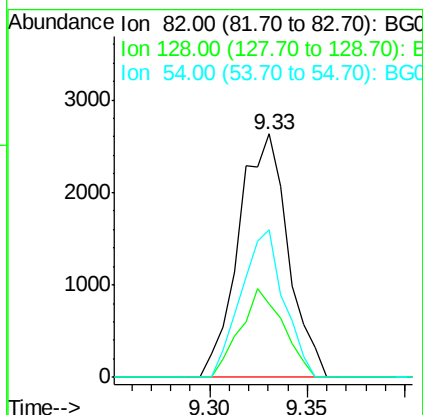
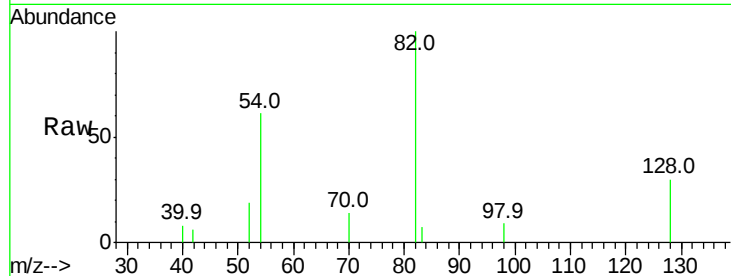




#23
 Nitrobenzene-d5
 Concen: 4.21 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. -0.02 min
 Lab File: BG021147.D
 Acq: 28 Feb 2016 12:01

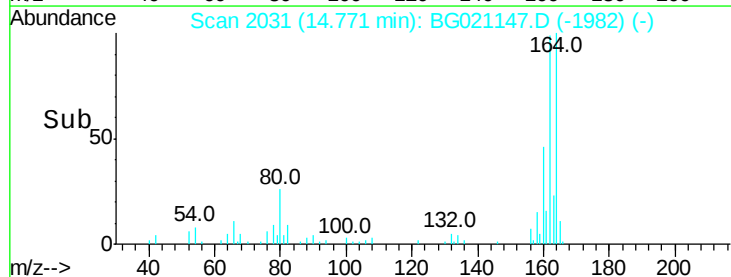
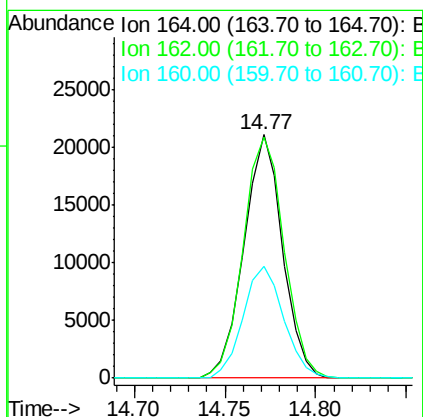
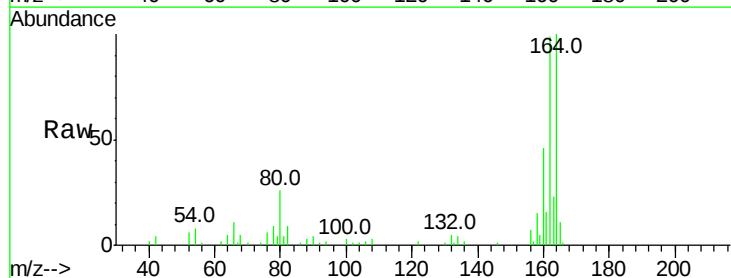
Instrument :
 BNA_G
 ClientSampleId :
 POST-EX-11-20160211

Tot Ion: 82 Resp: 4610
 Ion Ratio Lower Upper
 82 100
 128 30.4 36.3 54.5#
 54 60.5 37.6 56.4#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.77 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BG021147.D
 Acq: 28 Feb 2016 12:01

Tgt Ion:164 Resp: 31050
 Ion Ratio Lower Upper
 164 100
 162 98.9 80.6 120.8
 160 45.7 36.5 54.7

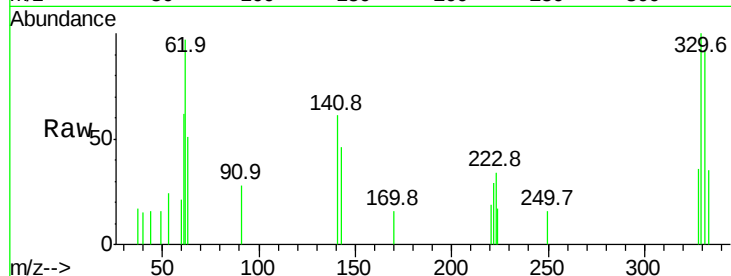




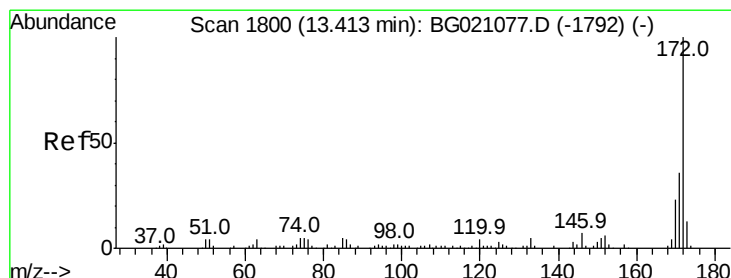
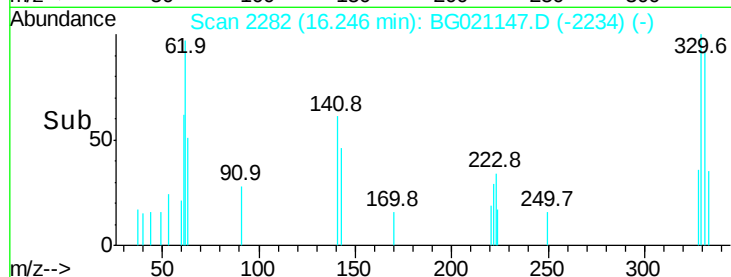
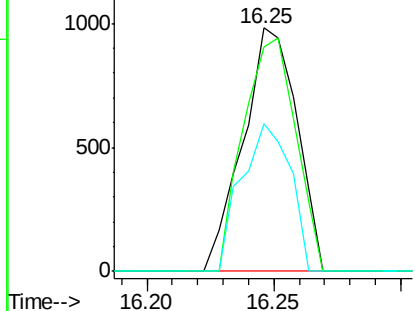
#41
 2,4,6-Tribromophenol
 Concen: 3.56 ng
 RT: 16.25 min Scan# 2282
 Delta R.T. -0.02 min
 Lab File: BG021147.D
 Acq: 28 Feb 2016 12:01

Instrument :
 BNA_G
 ClientSampleId :
 POST-EX-11-20160211

Tot Ion:330 Resp: 1451
 Ion Ratio Lower Upper
 330 100
 332 93.0 77.4 116.0
 141 54.8 35.3 52.9#

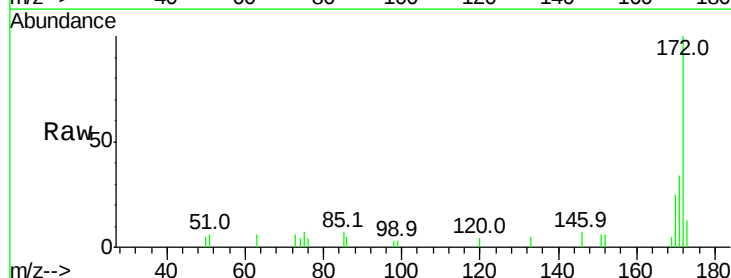


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

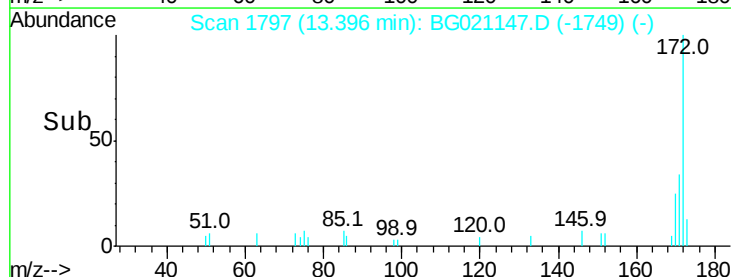
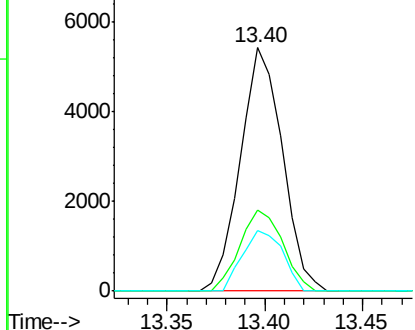


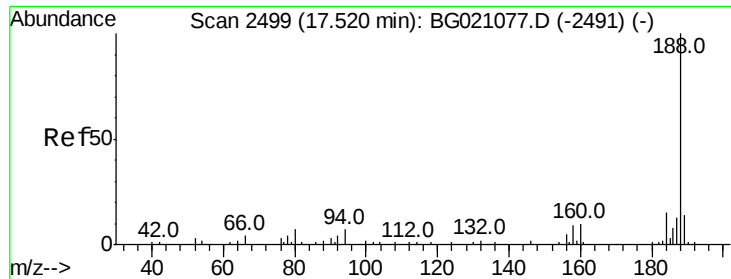
#44
 2-Fluorobiphenyl
 Concen: 3.33 ng
 RT: 13.40 min Scan# 1797
 Delta R.T. -0.02 min
 Lab File: BG021147.D
 Acq: 28 Feb 2016 12:01

Tgt Ion:172 Resp: 8088
 Ion Ratio Lower Upper
 172 100
 171 33.5 29.4 44.0
 170 25.1 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

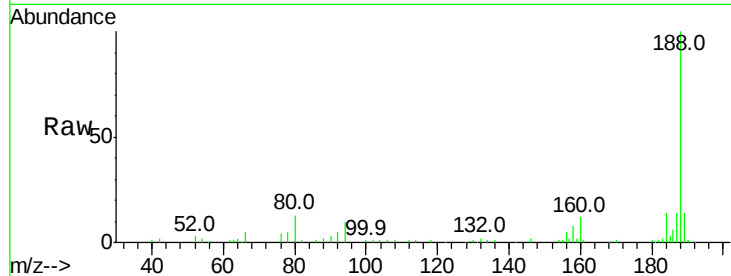




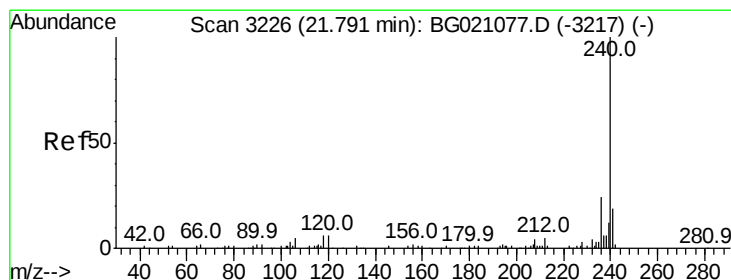
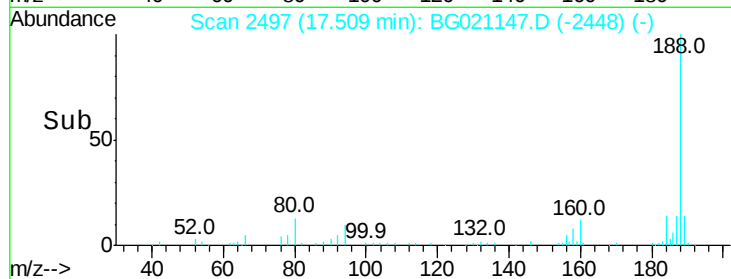
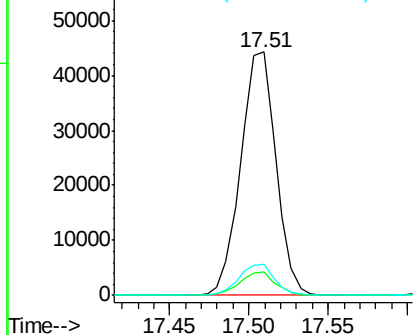
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.51 min Scan# 2497
 Delta R.T. -0.01 min
 Lab File: BG021147.D
 Acq: 28 Feb 2016 12:01

Instrument :
 BNA_G
 ClientSampleId :
 POST-EX-11-20160211

Tot Ion	188	Ratio	100	Resp	68544
Ion	188	Ratio	100	Lower	Upper
	94	9.5	8.2	12.4	
	80	12.6	9.2	13.8	

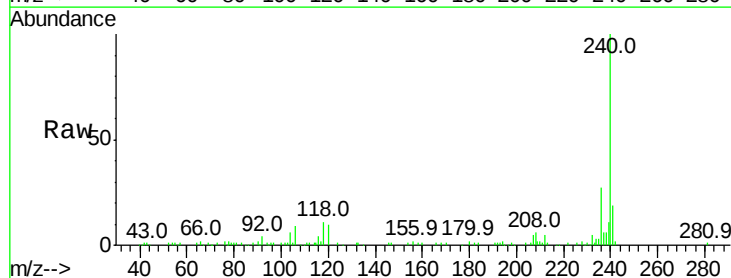


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

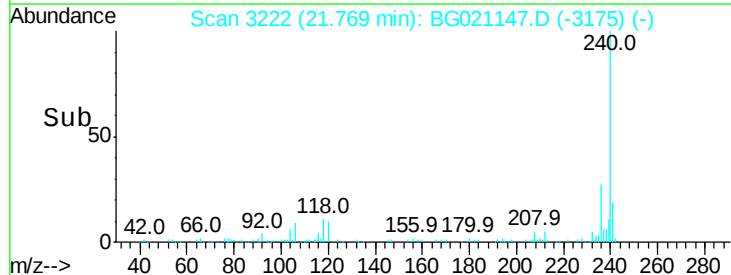
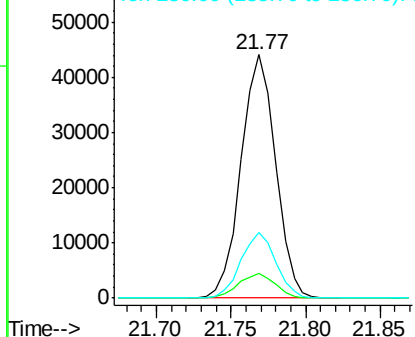


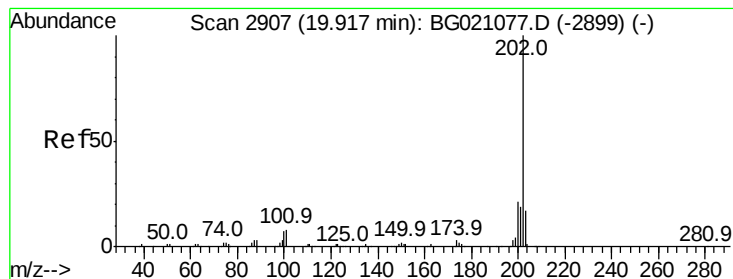
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.77 min Scan# 3222
 Delta R.T. -0.02 min
 Lab File: BG021147.D
 Acq: 28 Feb 2016 12:01

Tgt Ion	240	Ratio	100	Resp	70790
Ion	240	Ratio	100	Lower	Upper
	120	10.1	7.5	11.3	
	236	26.8	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





#77

Pvrene

Concen: 2.11 ng

RT: 19.90 min Scan# 2904

Delta R.T. -0.02 min

Lab File: BG021147.D

Acq: 28 Feb 2016 12:01

Instrument :

BNA_G

ClientSampleId :

POST-EX-11-20160211

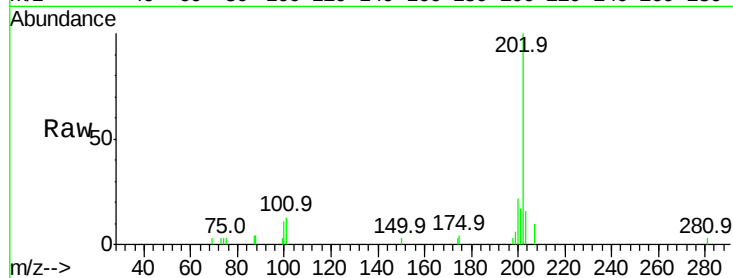
Tot Ion:202 Resp: 8289

Ion Ratio Lower Upper

202 100

200 22.0 16.6 25.0

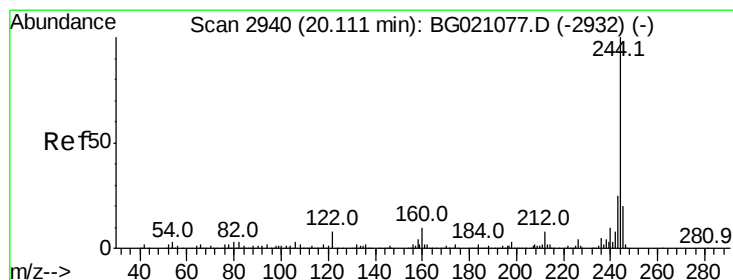
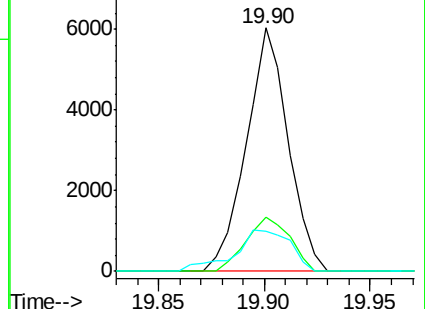
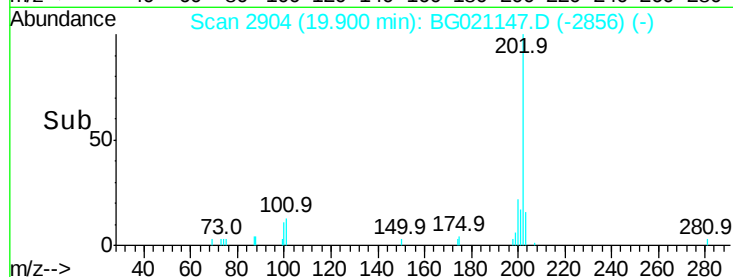
203 16.3 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 3.23 ng

RT: 20.09 min Scan# 2937

Delta R.T. -0.02 min

Lab File: BG021147.D

Acq: 28 Feb 2016 12:01

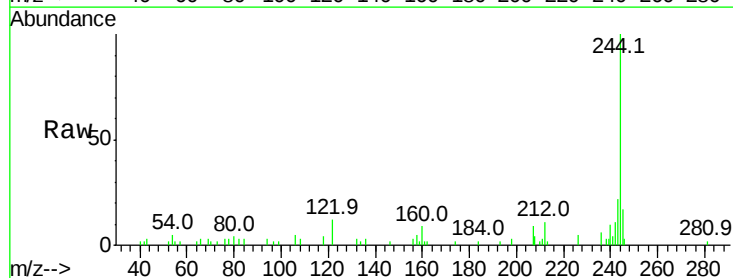
Tgt Ion:244 Resp: 9790

Ion Ratio Lower Upper

244 100

212 10.7 5.8 8.6#

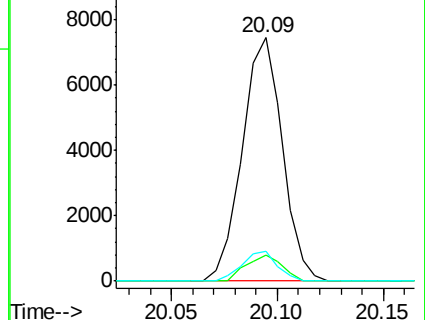
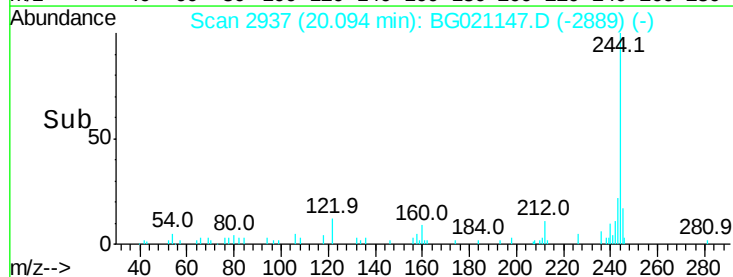
122 12.0 8.3 12.5

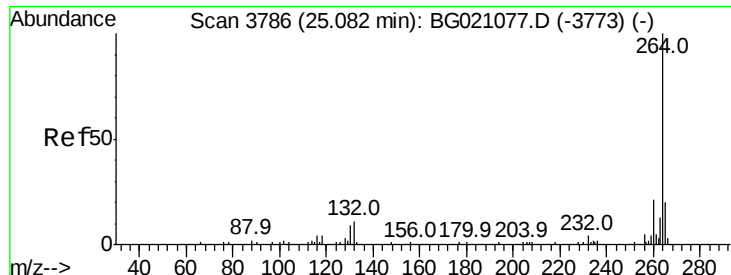


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

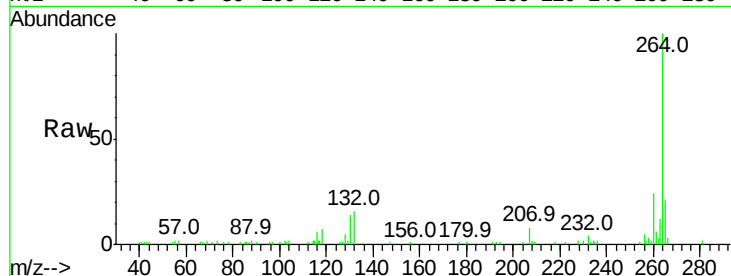




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.05 min Scan# 3780
 Delta R.T. -0.03 min
 Lab File: BG021147.D
 Acq: 28 Feb 2016 12:01

Instrument :
 BNA_G
 ClientSampleId :
 POST-EX-11-20160211

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.5	27.7
265	21.4	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

