

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
 Data File : BG021109.D
 Acq On : 27 Feb 2016 11:12
 Operator : UM/SJ
 Sample : H1557-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FIELDBLANK-2-22-16

Quant Time: Feb 29 01:00:32 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	5600	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	23724	20.00	ng	-0.02
38) Acenaphthene-d10	14.77	164	15445	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	41396	20.00	ng	0.00
75) Chrysene-d12	21.77	240	51663	20.00	ng	-0.02
86) Perylene-d12	25.05	264	46099	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	21522	67.28	ng	0.00
7) Phenol-d6	7.31	99	18709	39.31	ng	-0.02
23) Nitrobenzene-d5	9.33	82	51263	102.95	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	29611	146.23	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	112717	93.39	ng	0.00
78) Terphenyl-d14	20.10	244	241308	109.16	ng	0.00

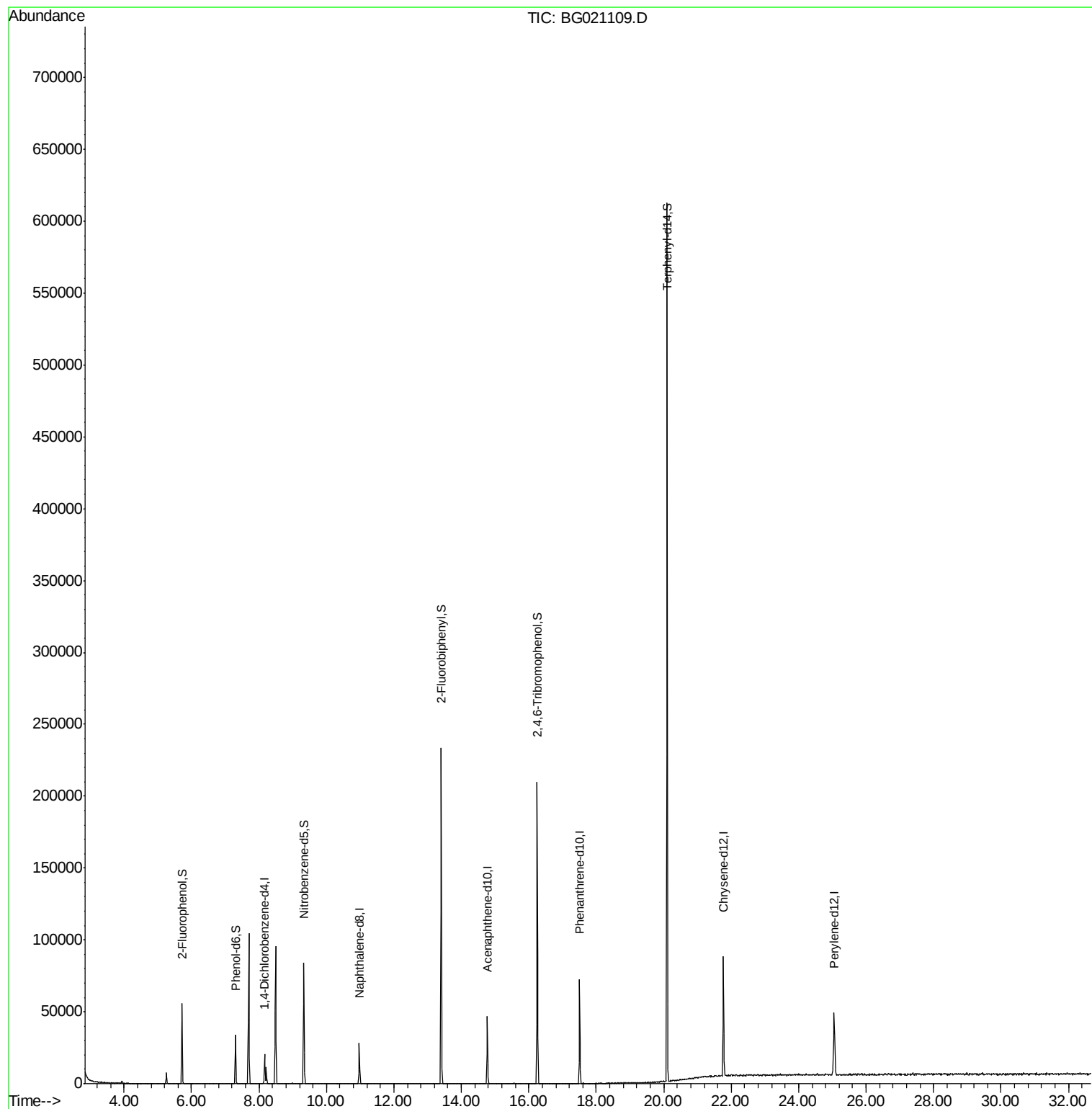
Target Compounds Qvalue

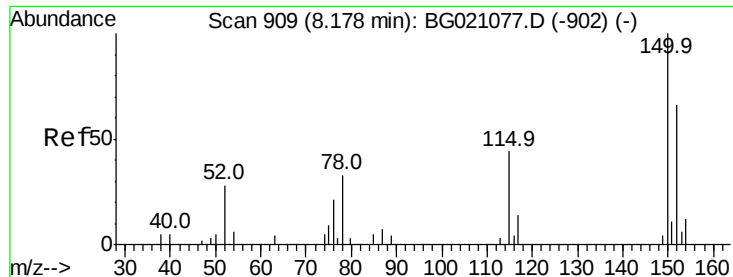
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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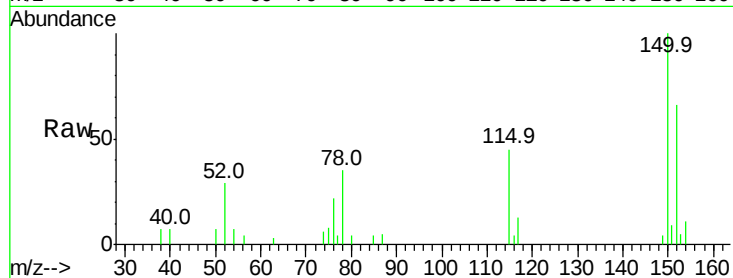


#1

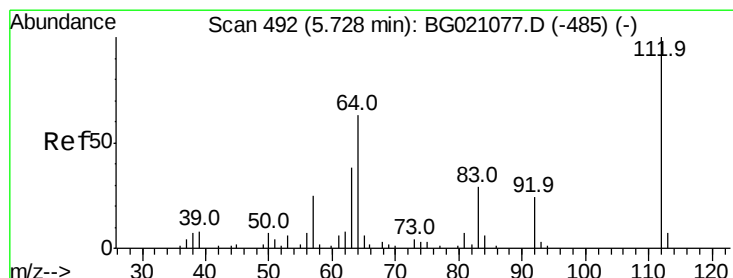
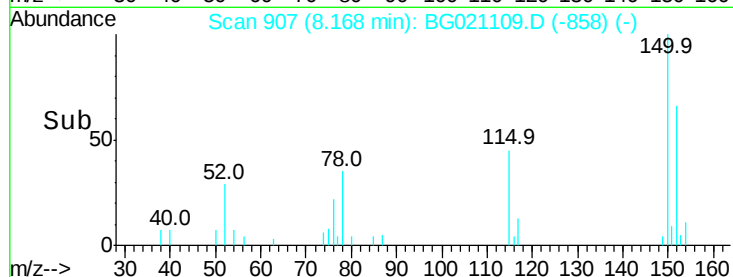
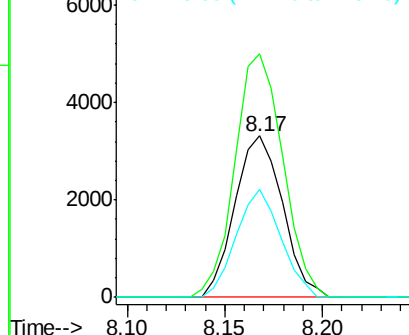
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.17 min Scan# 907
Delta R.T. -0.01 min
Lab File: BG021109.D
Acq: 27 Feb 2016 11:12

Instrument :
BNA_G
ClientSampleId :
FIELDBLANK-2-22-16

Tot Ion:152 Resp: 5600
Ion Ratio Lower Upper
152 100
150 150.8 123.4 185.2
115 67.2 43.3 64.9#



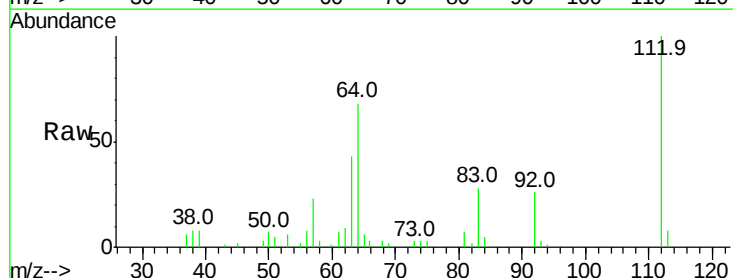
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



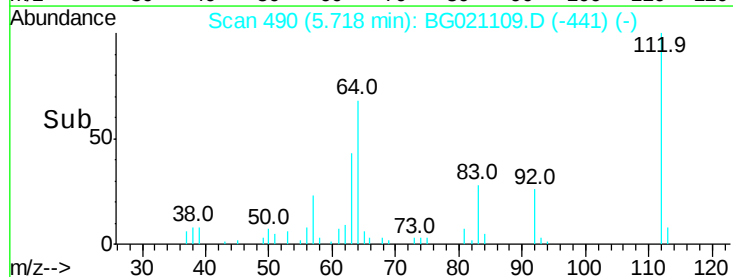
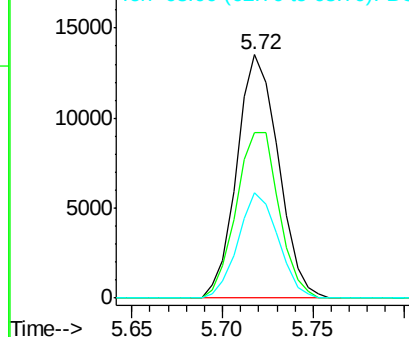
#5

2-Fluorophenol
Concen: 67.28 ng
RT: 5.72 min Scan# 490
Delta R.T. -0.01 min
Lab File: BG021109.D
Acq: 27 Feb 2016 11:12

Tgt Ion:112 Resp: 21522
Ion Ratio Lower Upper
112 100
64 67.9 42.6 63.8#
63 43.3 21.7 32.5#



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: 39.31 ng

RT: 7.31 min Scan# 761

Delta R.T. -0.02 min

Lab File: BG021109.D

Acq: 27 Feb 2016 11:12

Instrument :

BNA_G

ClientSampleId :

FIELDBLANK-2-22-16

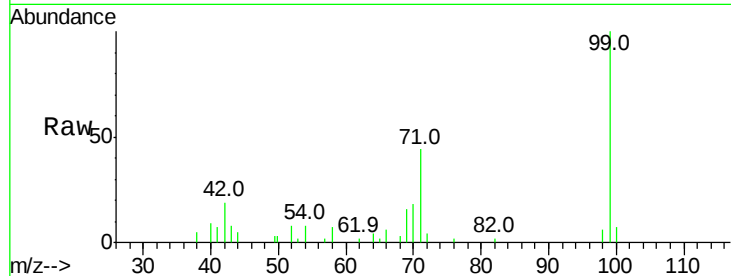
Tot Ion: 99 Resp: 18709

Ion Ratio Lower Upper

99 100

42 19.0 13.2 19.8

71 43.5 25.2 37.8#

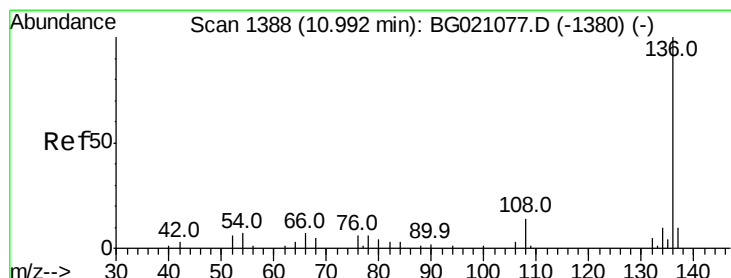
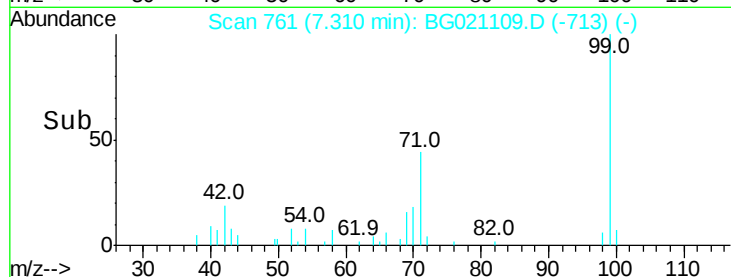
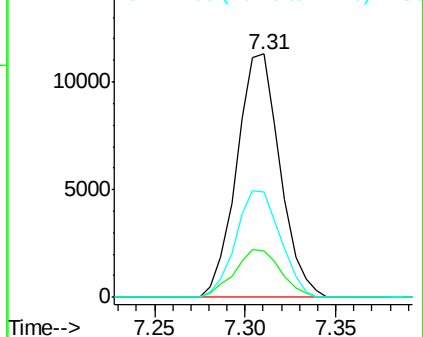


Abundance

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: 10.98 min Scan# 1385

Delta R.T. -0.02 min

Lab File: BG021109.D

Acq: 27 Feb 2016 11:12

Tgt Ion: 136 Resp: 23724

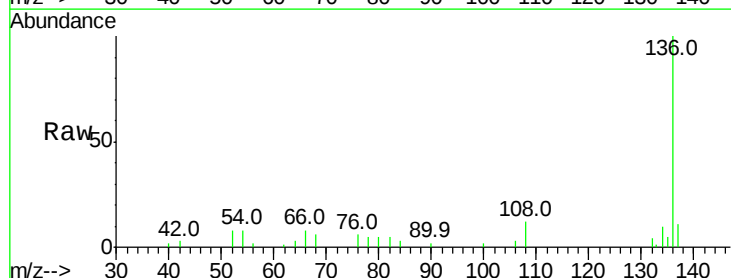
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 8.0 6.9 10.3

68 5.8 5.8 8.6



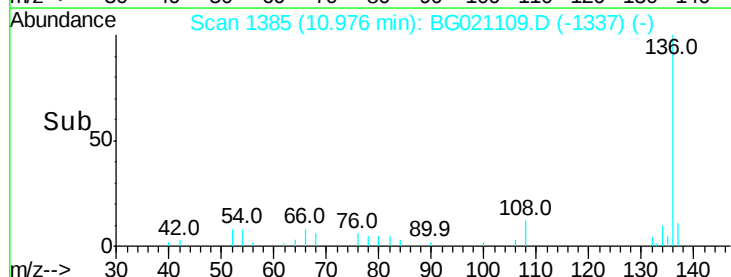
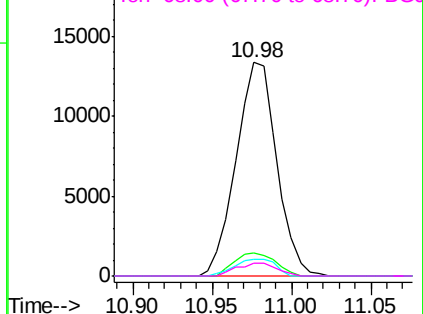
Abundance

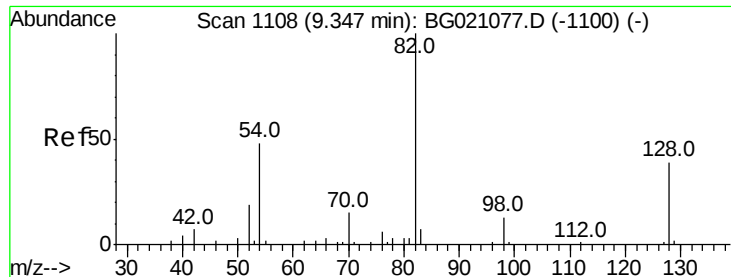
Ion 136.00 (135.70 to 136.70): BGC

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: 102.95 ng

RT: 9.33 min Scan# 1105

Delta R.T. -0.02 min

Lab File: BG021109.D

Acq: 27 Feb 2016 11:12

Instrument :

BNA_G

ClientSampleId :

FIELDBLANK-2-22-16

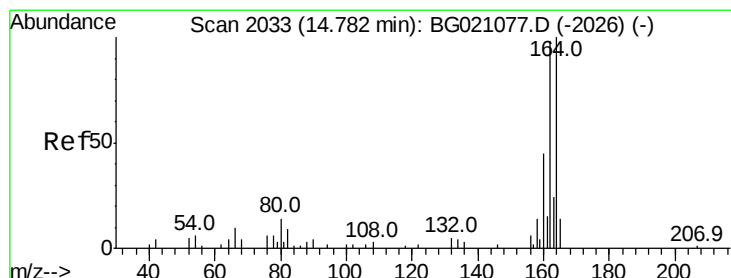
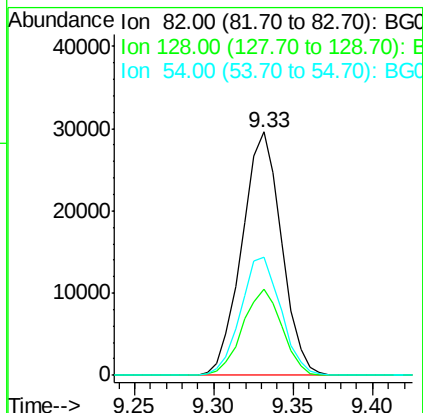
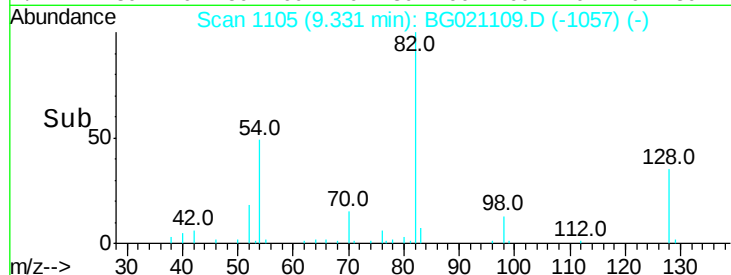
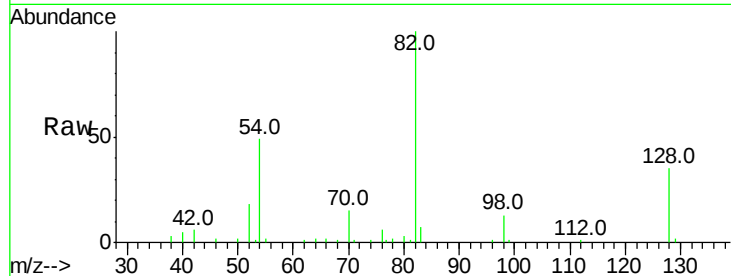
Tot Ion: 82 Resp: 51263

Ion Ratio Lower Upper

82 100

128 35.5 36.3 54.5#

54 48.8 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: BG021109.D

Acq: 27 Feb 2016 11:12

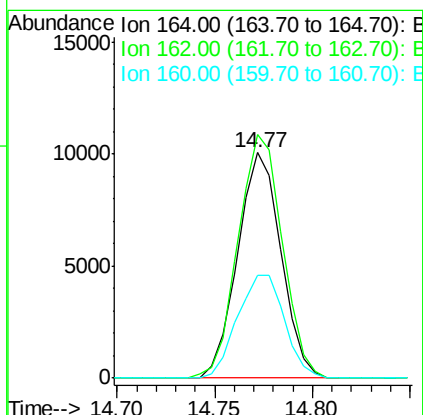
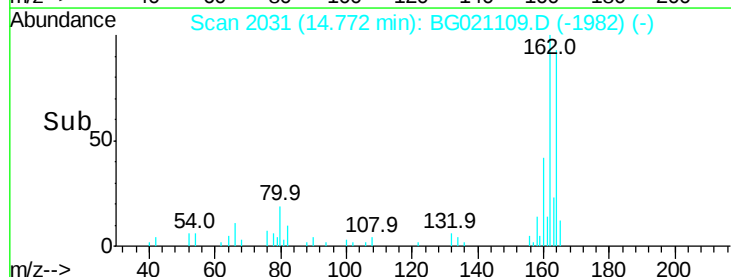
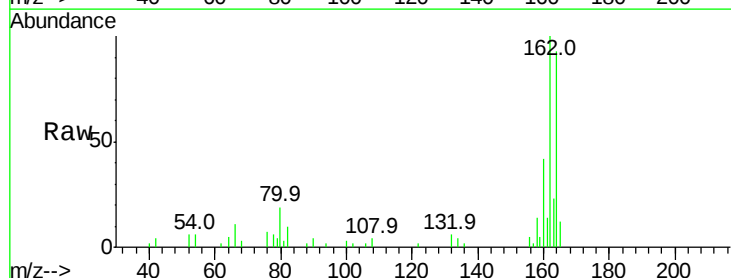
Tgt Ion:164 Resp: 15445

Ion Ratio Lower Upper

164 100

162 108.1 80.6 120.8

160 45.9 36.5 54.7

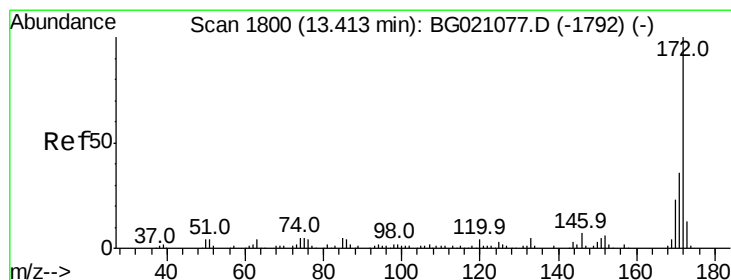
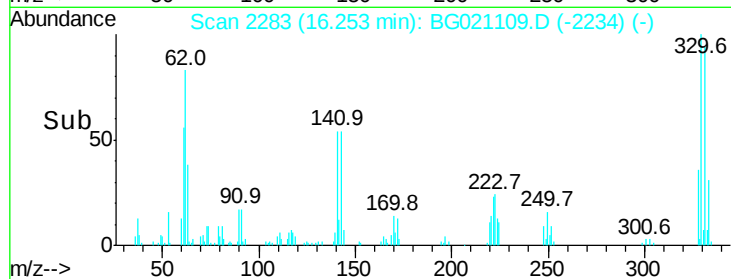
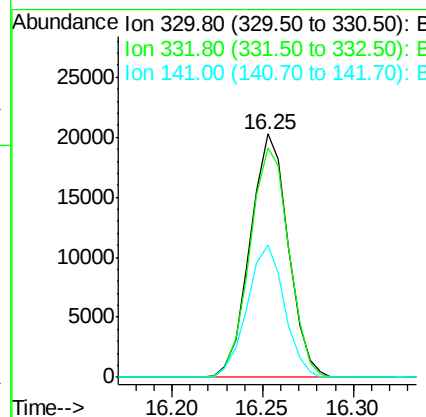
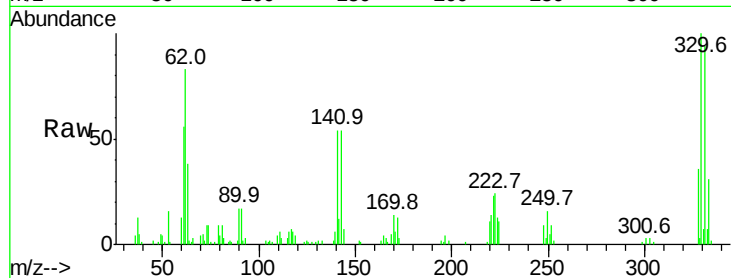




#41
 2,4,6-Tribromophenol
 Concen: 146.23 ng
 RT: 16.25 min Scan# 2283
 Delta R.T. -0.01 min
 Lab File: BG021109.D
 Acq: 27 Feb 2016 11:12

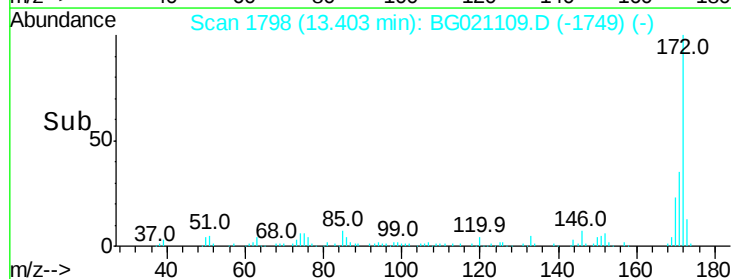
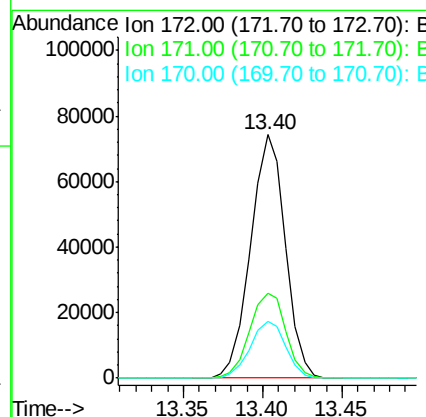
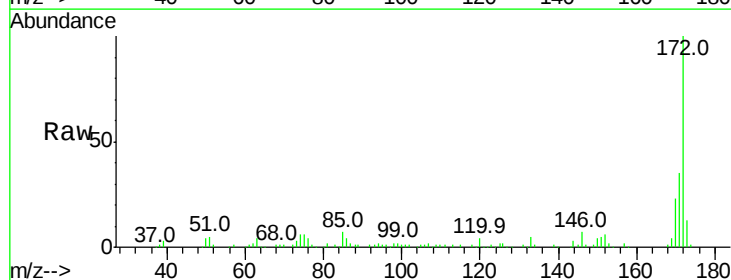
Instrument :
 BNA_G
 ClientSampleId :
 FIELDBLANK-2-22-16

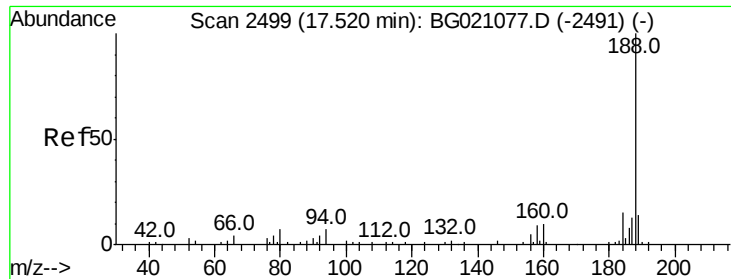
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.4	116.0
141	52.9	35.3	52.9



#44
 2-Fluorobiphenyl
 Concen: 93.39 ng
 RT: 13.40 min Scan# 1798
 Delta R.T. -0.01 min
 Lab File: BG021109.D
 Acq: 27 Feb 2016 11:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.4	44.0
170	23.2	19.8	29.8

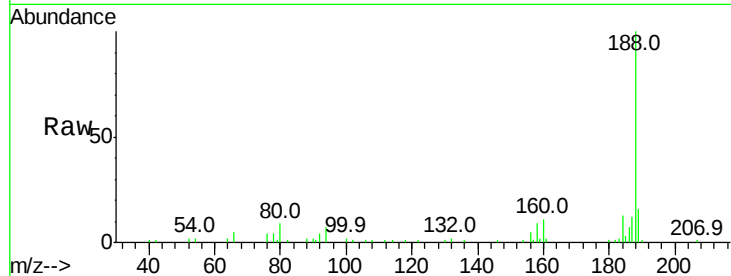




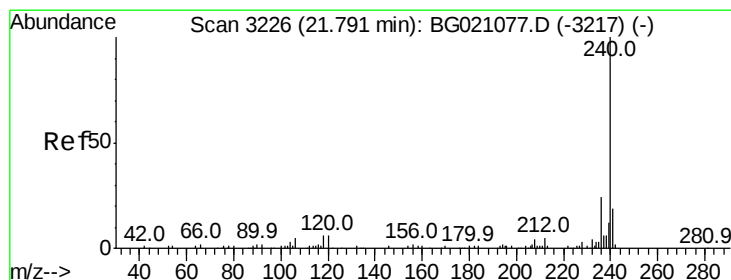
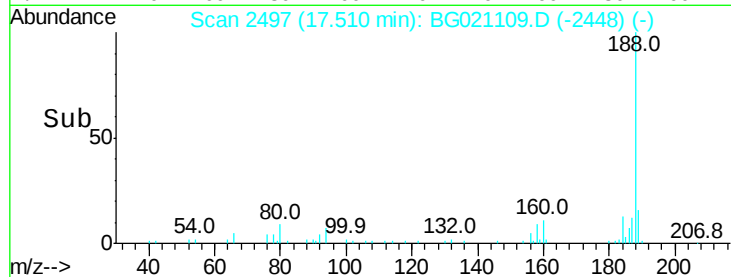
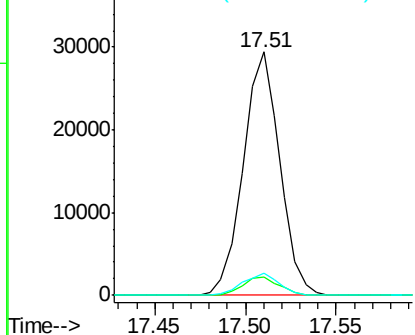
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.51 min Scan# 2497
Delta R.T. -0.01 min
Lab File: BG021109.D
Acq: 27 Feb 2016 11:12

Instrument :
BNA_G
ClientSampleId :
FIELDBLANK-2-22-16

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.3	8.2	12.4#
80	9.0	9.2	13.8#

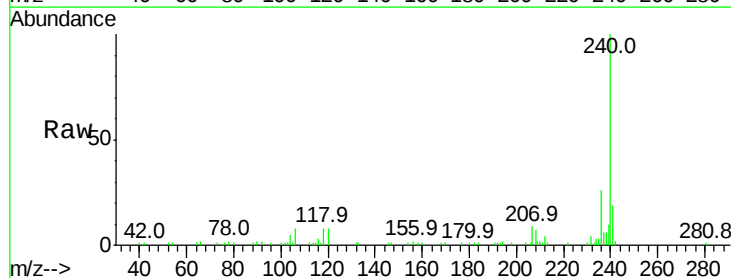


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

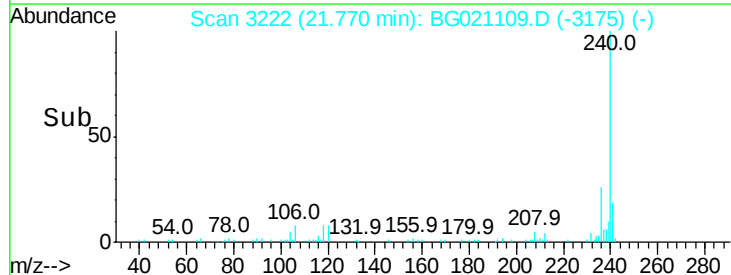
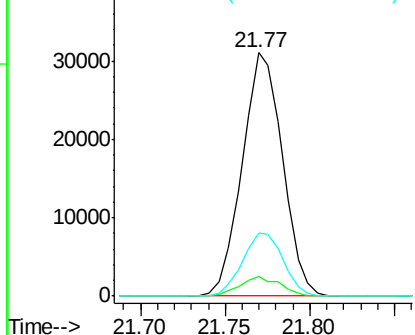


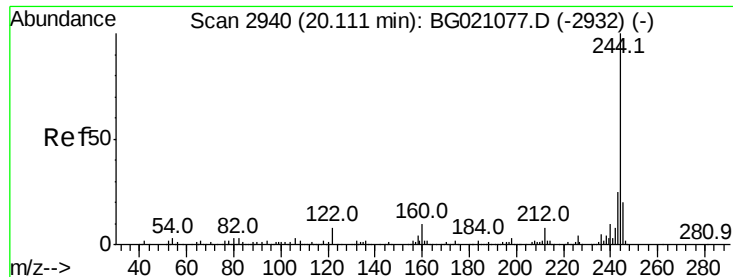
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3222
Delta R.T. -0.02 min
Lab File: BG021109.D
Acq: 27 Feb 2016 11:12

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.2	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: 109.16 ng

RT: 20.10 min Scan# 2938

Delta R.T. -0.01 min

Lab File: BG021109.D

Acq: 27 Feb 2016 11:12

Instrument :

BNA_G

ClientSampleId :

FIELDBLANK-2-22-16

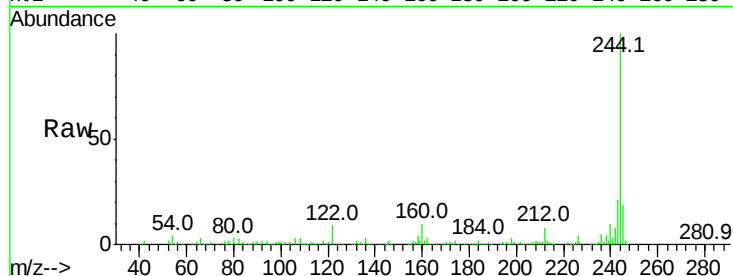
Tot Ion:244 Resp: 241308

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.6

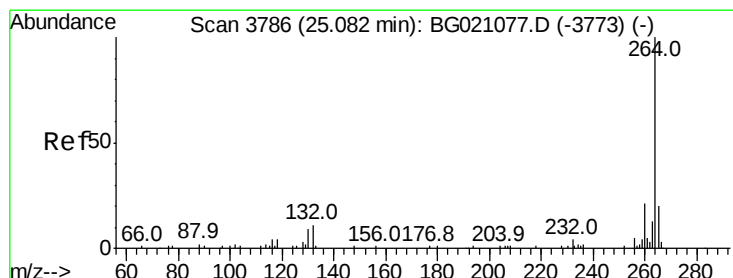
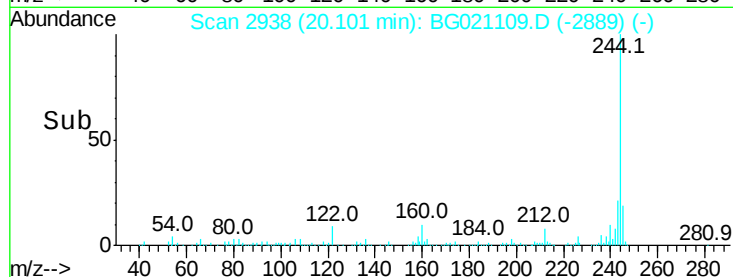
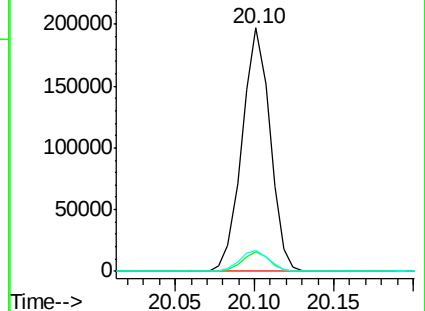
122 8.8 8.3 12.5



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

Perylene-d12

Concen: 20.00 ng

RT: 25.05 min Scan# 3781

Delta R.T. -0.03 min

Lab File: BG021109.D

Acq: 27 Feb 2016 11:12

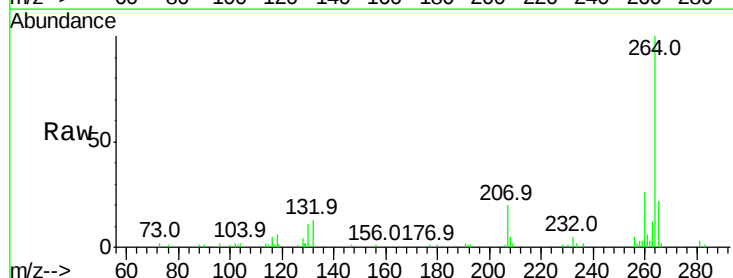
Tgt Ion:264 Resp: 46099

Ion Ratio Lower Upper

264 100

260 26.3 18.5 27.7

265 21.9 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

