

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022416\
 Data File : BG021060.D
 Acq On : 24 Feb 2016 20:32
 Operator : UM/SJ
 Sample : H1521-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-1(0-2)

Quant Time: Feb 24 23:59:06 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 24 00:35:06 2016
 Response via : Initial Calibration

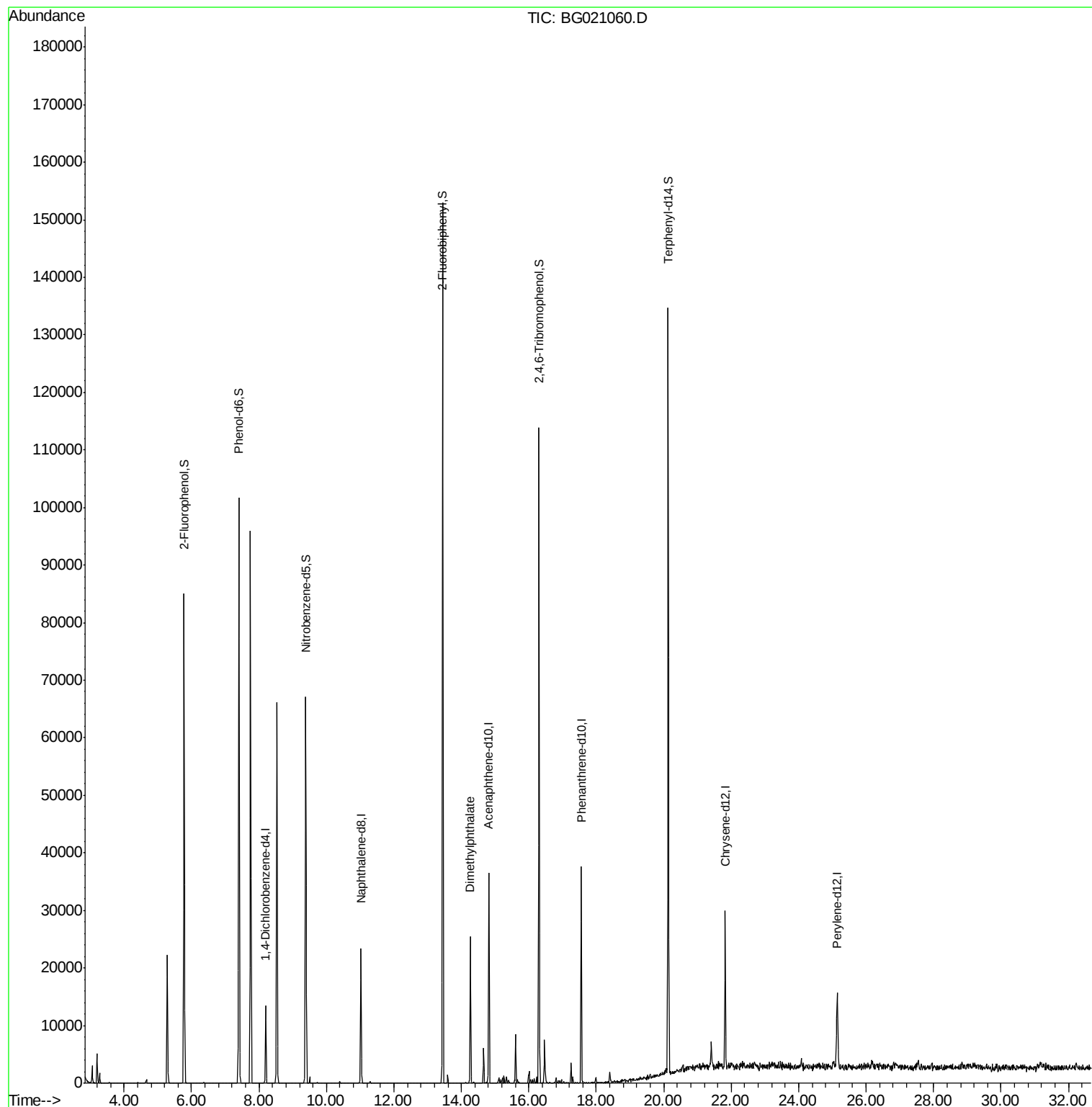
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	3996	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	21837	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	12481	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	23462	20.00	ng	0.00
75) Chrysene-d12	21.82	240	17141	20.00	ng	0.00
86) Perylene-d12	25.14	264	16339	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.78	112	39954	175.29	ng	0.00
7) Phenol-d6	7.41	99	61627	175.56	ng	0.00
23) Nitrobenzene-d5	9.39	82	41749	112.25	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	19892	133.04	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	75947	84.71	ng	0.00
78) Terphenyl-d14	20.14	244	54486	41.25	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.27	163	16241	15.96	ng	Qvalue # 97

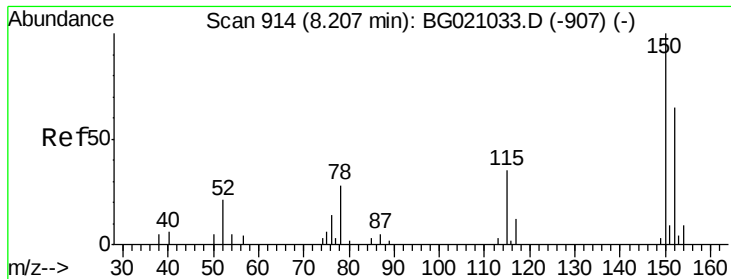
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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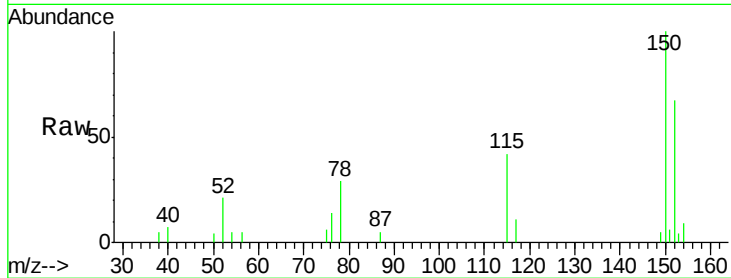


#1

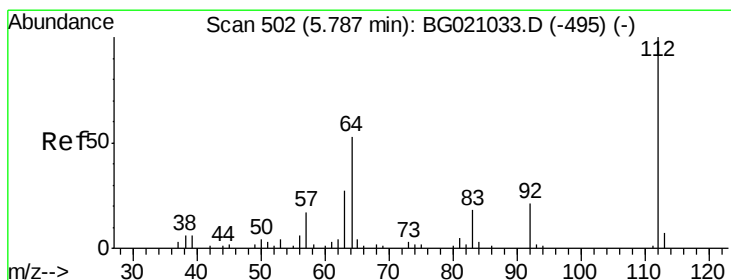
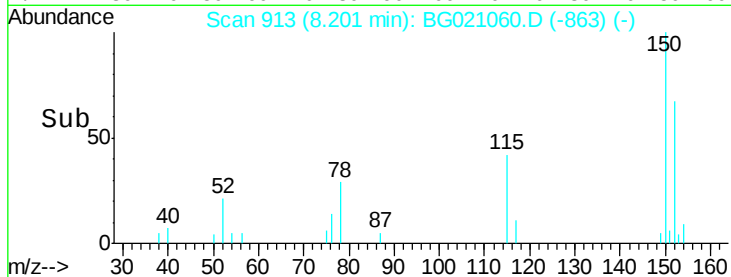
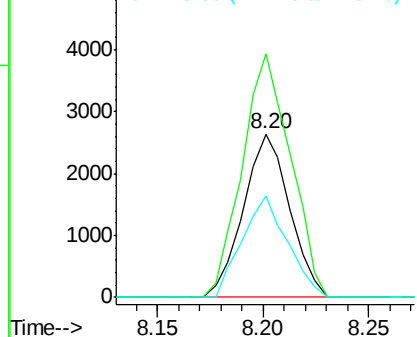
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.20 min Scan# 913
Delta R.T. -0.01 min
Lab File: BG021060.D
Acq: 24 Feb 2016 20:32

Instrument :
BNA_G
ClientSampleId :
SP-1(0-2)

Tot Ion:152 Resp: 3996
Ion Ratio Lower Upper
152 100
150 149.4 123.4 185.2
115 62.1 43.3 64.9



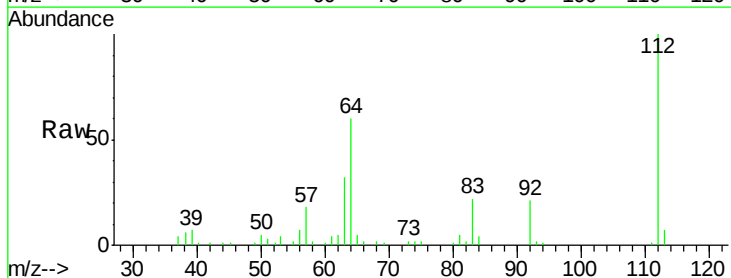
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



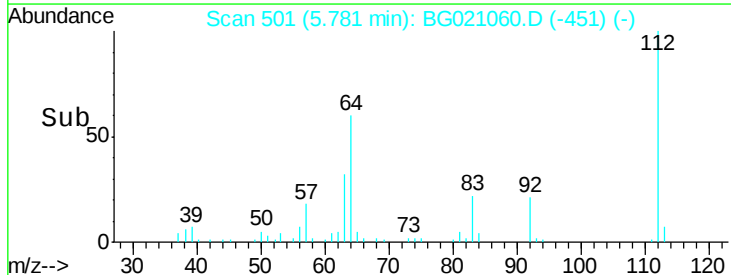
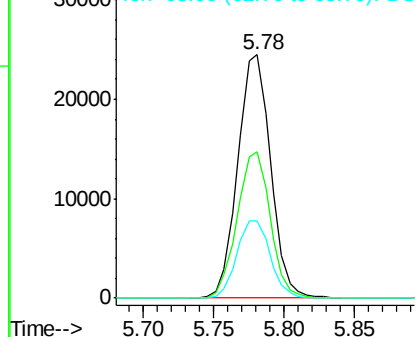
#5

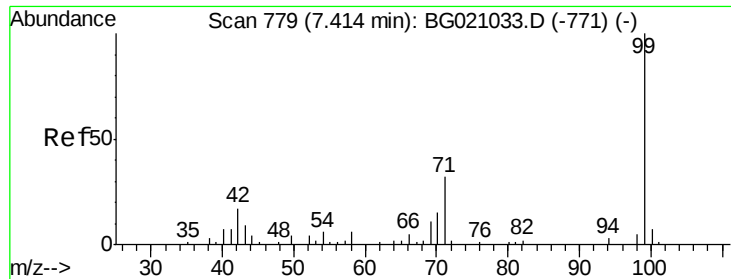
2-Fluorophenol
Concen: 175.29 ng
RT: 5.78 min Scan# 501
Delta R.T. -0.01 min
Lab File: BG021060.D
Acq: 24 Feb 2016 20:32

Tgt Ion:112 Resp: 39954
Ion Ratio Lower Upper
112 100
64 60.1 42.6 63.8
63 31.7 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: 175.56 ng

RT: 7.41 min Scan# 778

Delta R.T. -0.01 min

Lab File: BG021060.D

Acq: 24 Feb 2016 20:32

Instrument :

BNA_G

ClientSampleId :

SP-1(0-2)

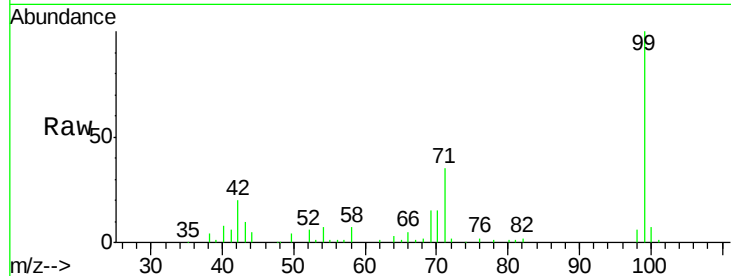
Tot Ion: 99 Resp: 61627

Ion Ratio Lower Upper

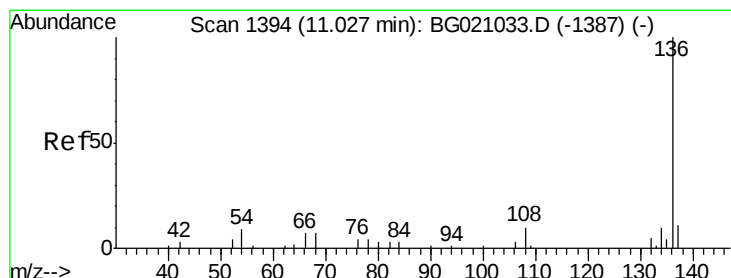
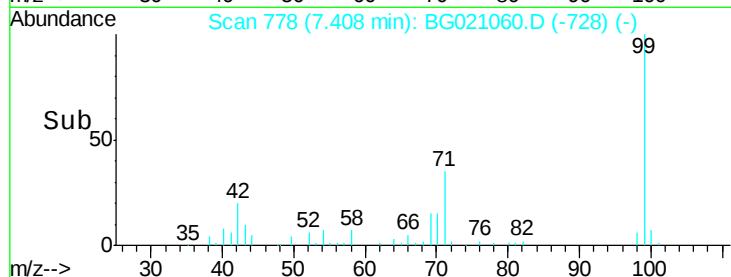
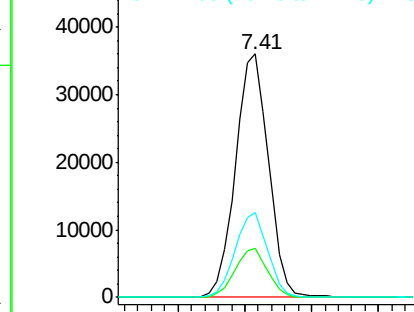
99 100

42 19.9 13.2 19.8#

71 34.9 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: 11.03 min Scan# 1394

Delta R.T. 0.00 min

Lab File: BG021060.D

Acq: 24 Feb 2016 20:32

Tgt Ion: 136 Resp: 21837

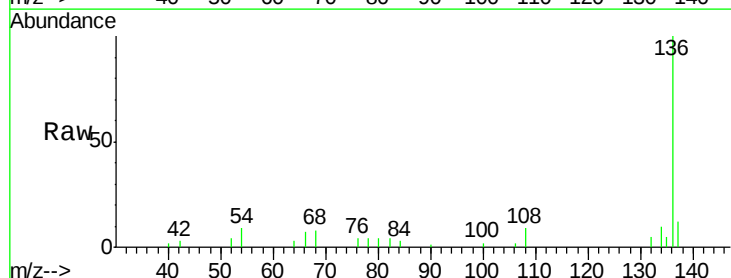
Ion Ratio Lower Upper

136 100

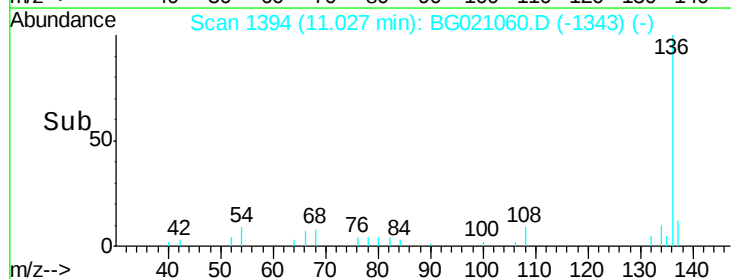
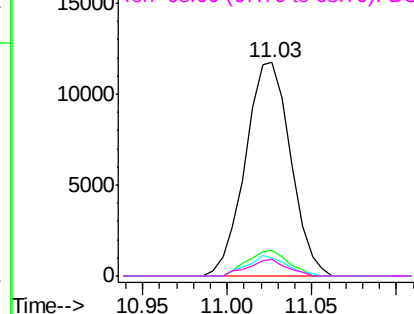
137 12.0 8.8 13.2

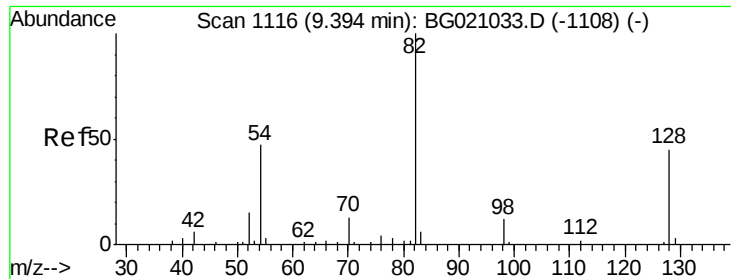
54 8.5 6.9 10.3

68 7.7 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

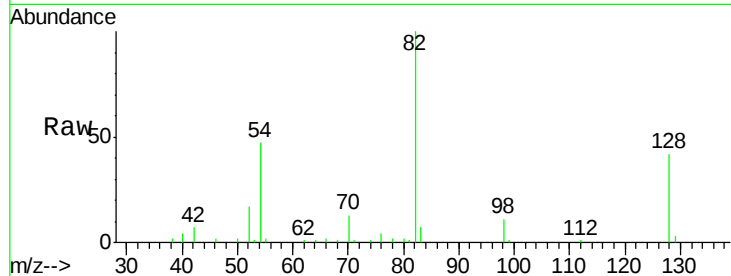




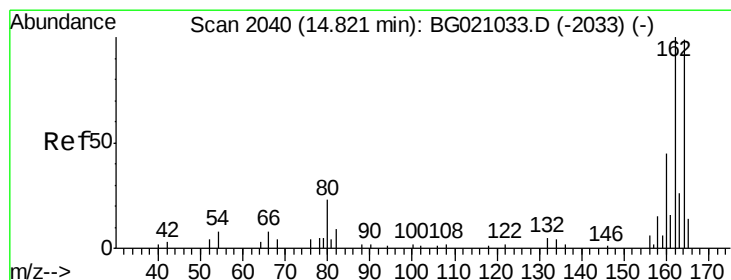
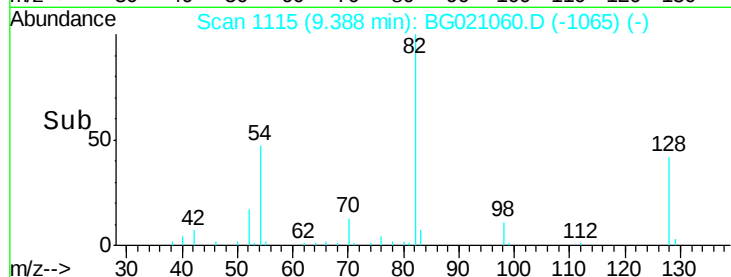
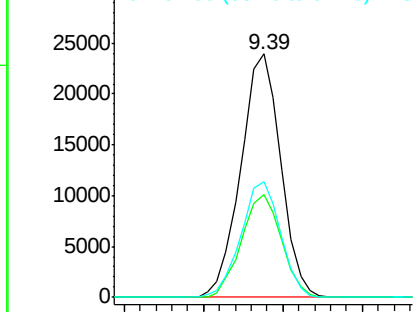
#23
 Nitrobenzene-d5
 Concen: 112.25 ng
 RT: 9.39 min Scan# 1115
 Delta R.T. -0.01 min
 Lab File: BG021060.D
 Acq: 24 Feb 2016 20:32

Instrument :
 BNA_G
 ClientSampleId :
 SP-1(0-2)

Tot Ion: 82 Resp: 41749
 Ion Ratio Lower Upper
 82 100
 128 42.0 36.3 54.5
 54 47.5 37.6 56.4

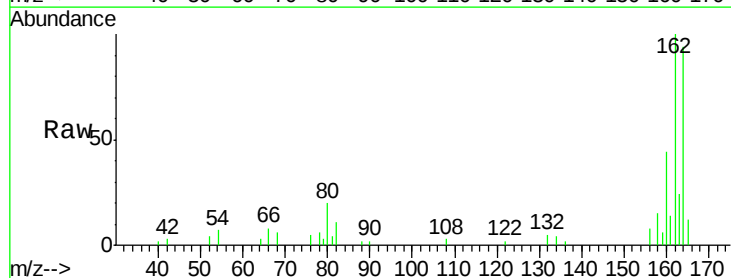


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

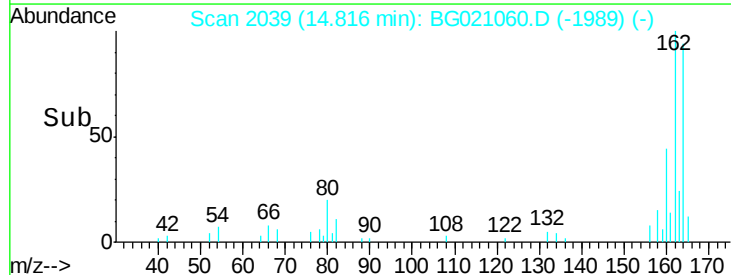
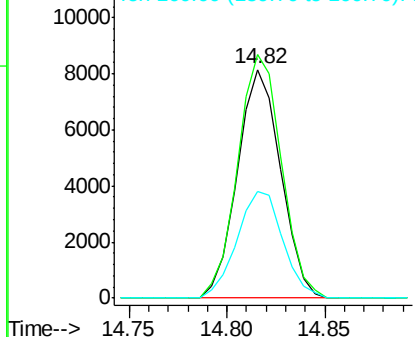


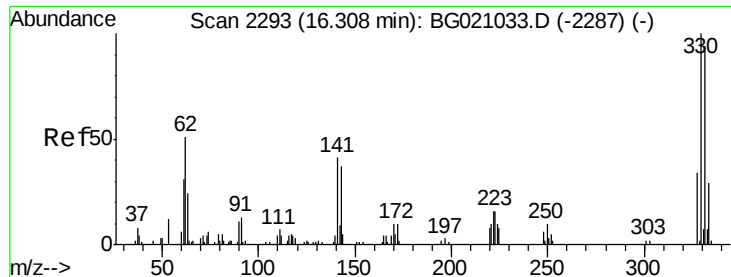
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.82 min Scan# 2039
 Delta R.T. -0.01 min
 Lab File: BG021060.D
 Acq: 24 Feb 2016 20:32

Tgt Ion: 164 Resp: 12481
 Ion Ratio Lower Upper
 164 100
 162 106.5 80.6 120.8
 160 46.4 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: 133.04 ng

RT: 16.31 min Scan# 2293

Delta R.T. 0.00 min

Lab File: BG021060.D

Acq: 24 Feb 2016 20:32

Instrument :

BNA_G

ClientSampleId :

SP-1(0-2)

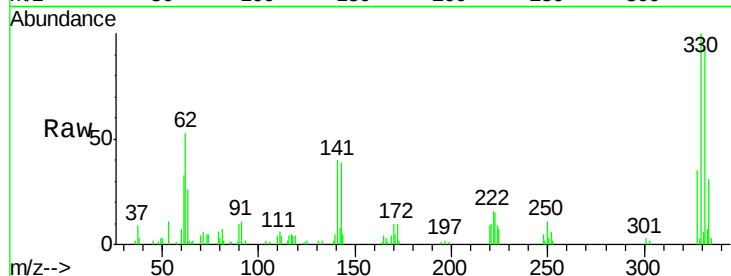
Tot Ion:330 Resp: 19892

Ion Ratio Lower Upper

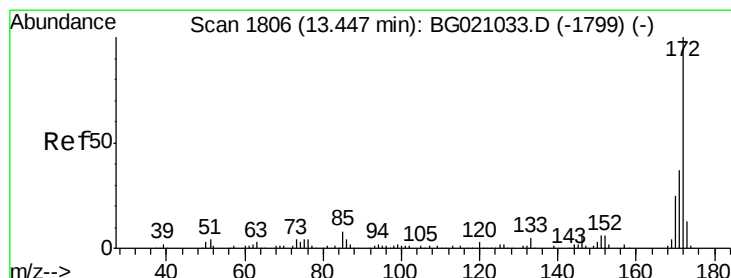
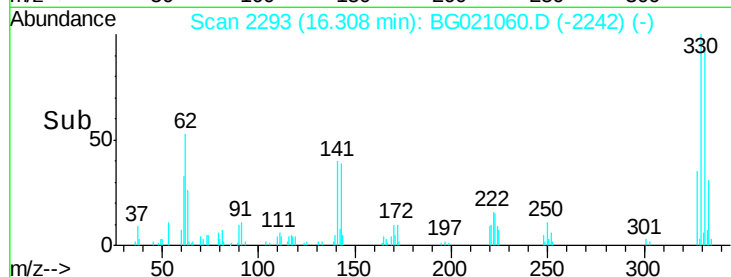
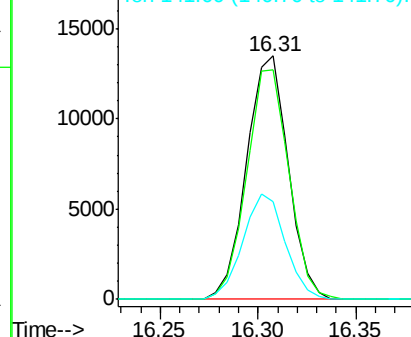
330 100

332 95.8 77.4 116.0

141 44.1 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: 84.71 ng

RT: 13.45 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BG021060.D

Acq: 24 Feb 2016 20:32

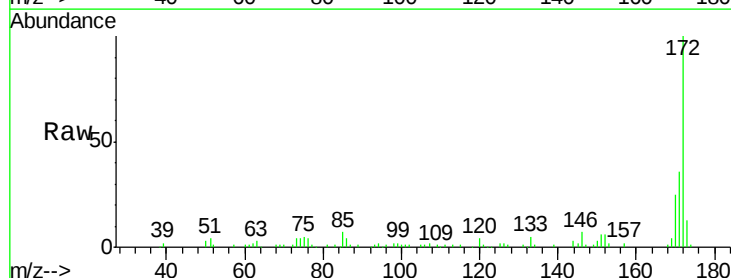
Tgt Ion:172 Resp: 75947

Ion Ratio Lower Upper

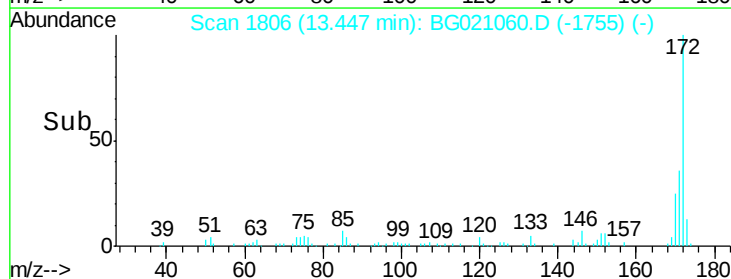
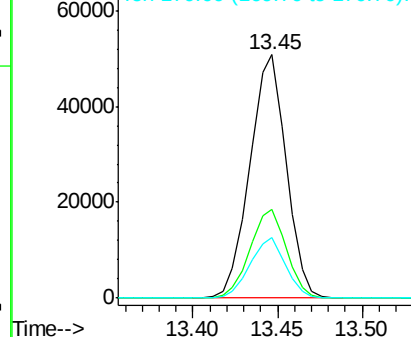
172 100

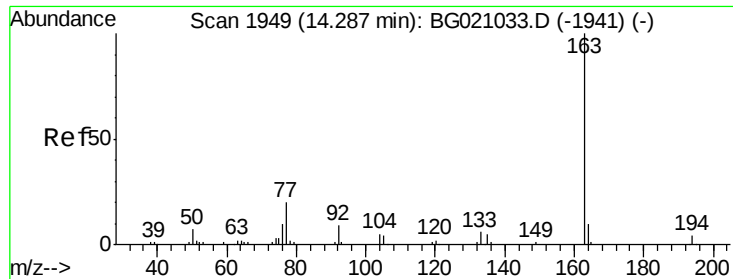
171 36.5 29.4 44.0

170 24.9 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





#49

Dimethylphthalate

Concen: 15.96 ng

RT: 14.27 min Scan# 1946

Delta R.T. -0.02 min

Lab File: BG021060.D

Acq: 24 Feb 2016 20:32

Instrument :

BNA_G

ClientSampleId :

SP-1(0-2)

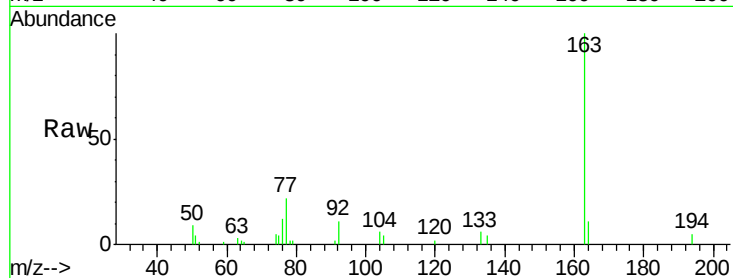
Tot Ion:163 Resp: 16241

Ion Ratio Lower Upper

163 100

194 4.5 2.8 4.2#

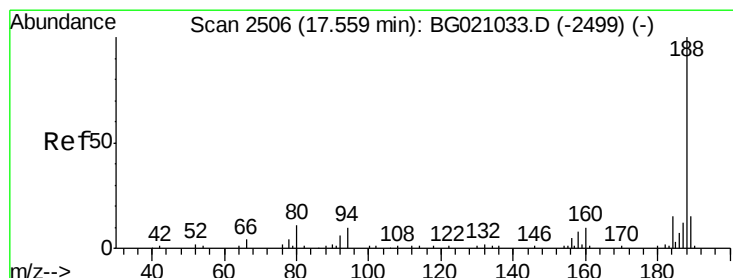
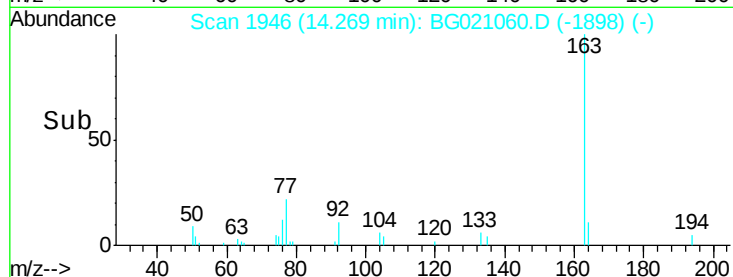
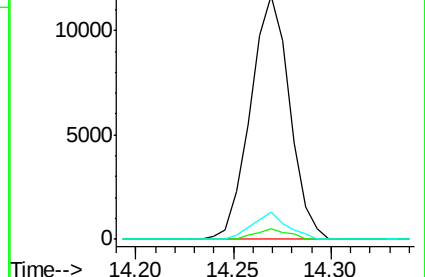
164 10.9 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.55 min Scan# 2505

Delta R.T. -0.01 min

Lab File: BG021060.D

Acq: 24 Feb 2016 20:32

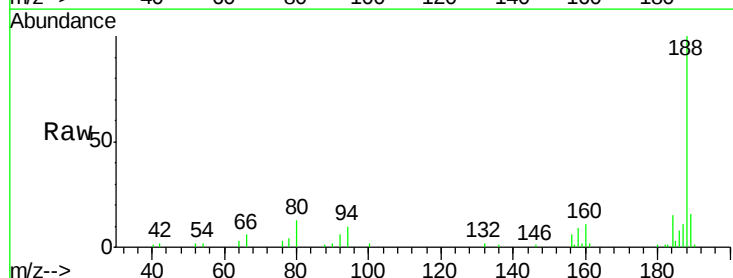
Tgt Ion:188 Resp: 23462

Ion Ratio Lower Upper

188 100

94 9.9 8.2 12.4

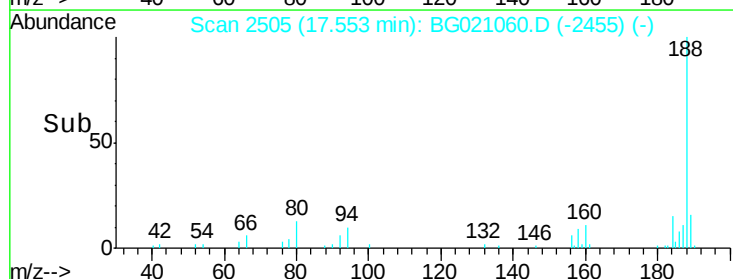
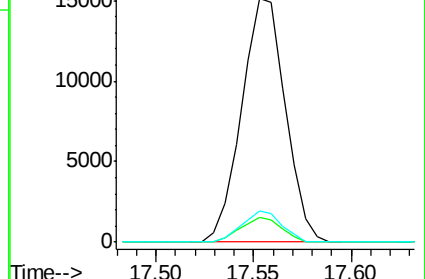
80 12.7 9.2 13.8

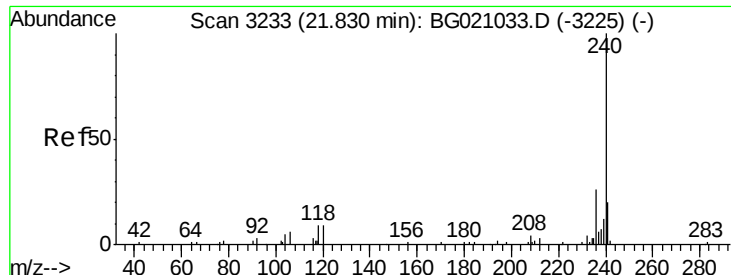


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.82 min Scan# 3232

Delta R.T. -0.01 min

Lab File: BG021060.D

Acq: 24 Feb 2016 20:32

Instrument :

BNA_G

ClientSampleId :

SP-1(0-2)

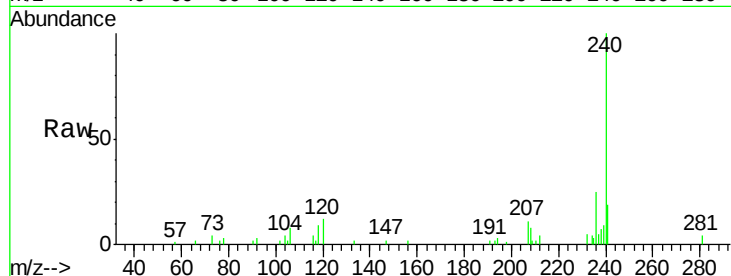
Tot Ion:240 Resp: 17141

Ion Ratio Lower Upper

240 100

120 11.9 7.5 11.3#

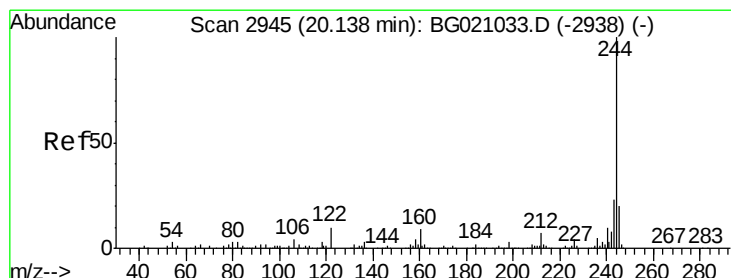
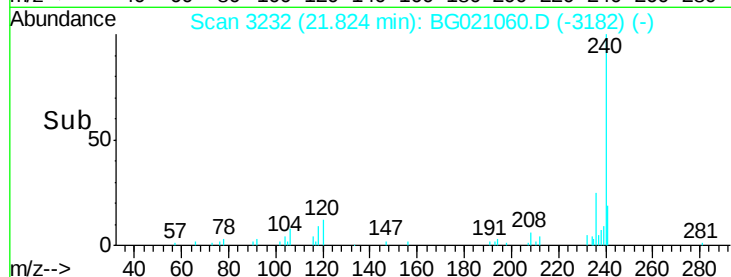
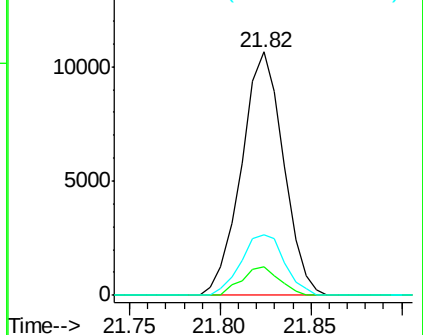
236 25.1 20.5 30.7



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: 41.25 ng

RT: 20.14 min Scan# 2945

Delta R.T. 0.00 min

Lab File: BG021060.D

Acq: 24 Feb 2016 20:32

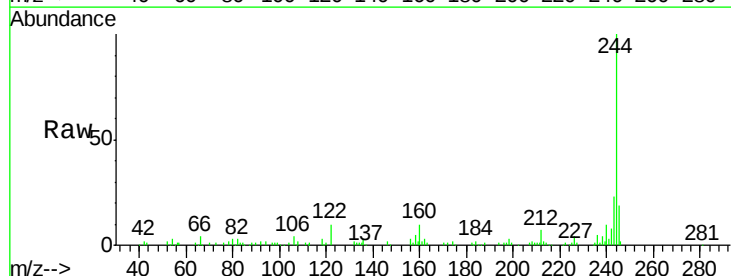
Tgt Ion:244 Resp: 54486

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

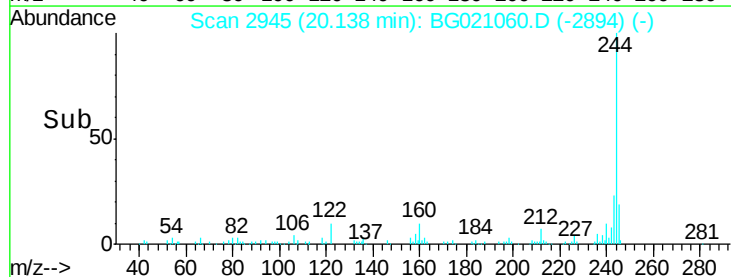
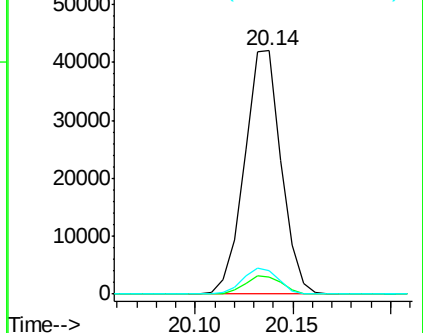
122 9.7 8.3 12.5

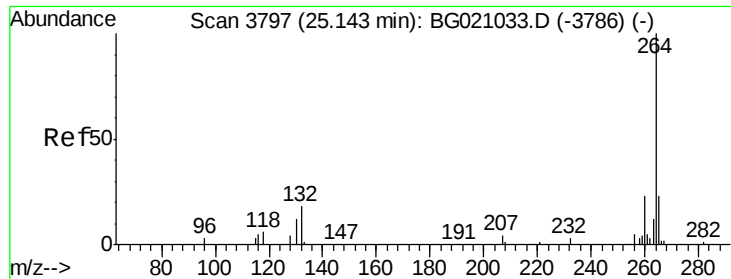


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

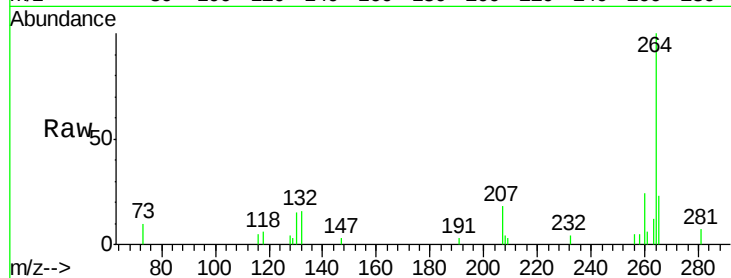




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.14 min Scan# 3797
 Delta R.T. 0.00 min
 Lab File: BG021060.D
 Acq: 24 Feb 2016 20:32

Instrument :
 BNA_G
 ClientSampleId :
 SP-1(0-2)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	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

