

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022716\
 Data File : BG021106.D
 Acq On : 27 Feb 2016 9:14
 Operator : UM/SJ
 Sample : H1558-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S-17

Quant Time: Feb 29 00:12:51 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

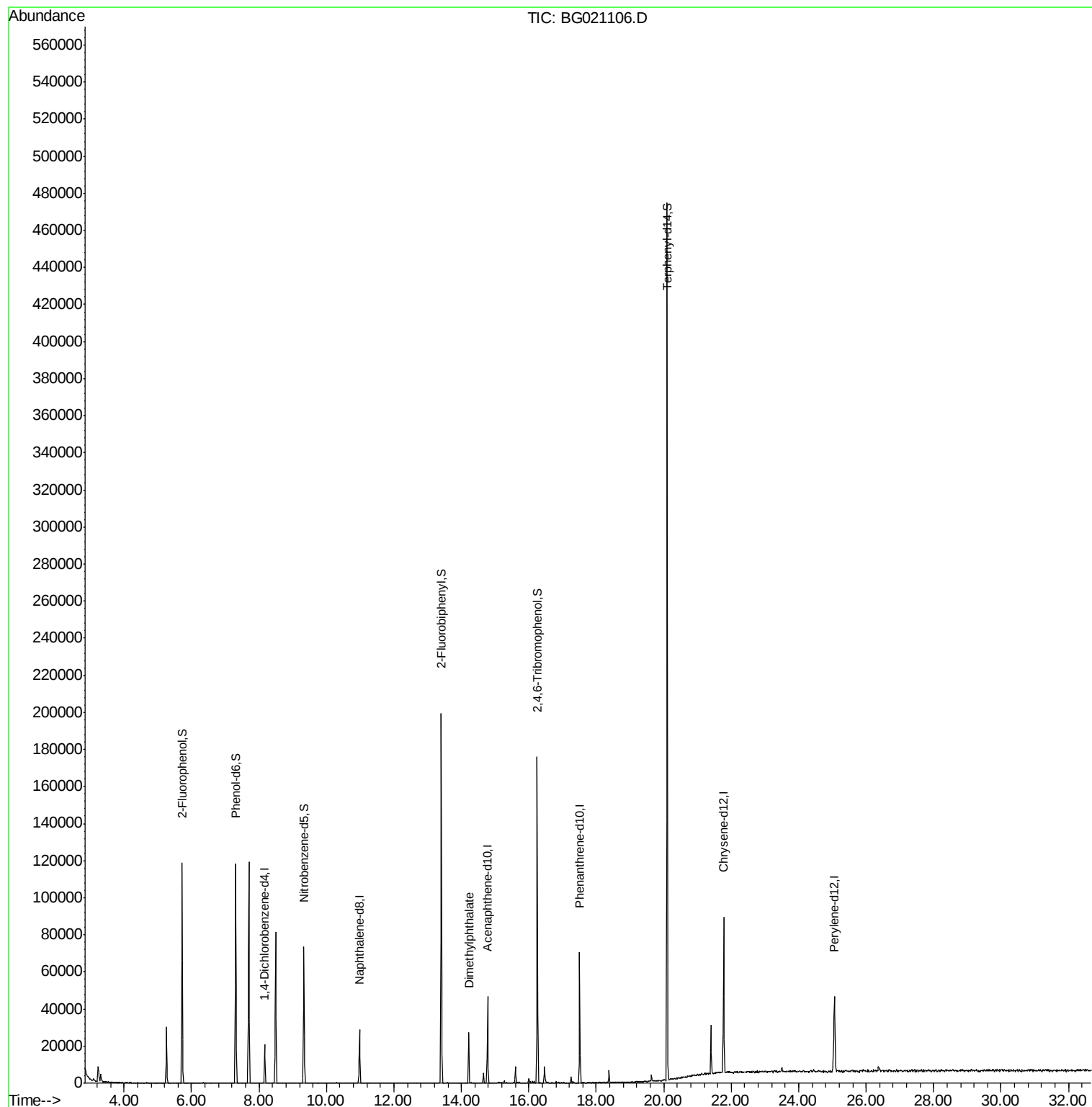
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	5855	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	24549	20.00	ng	-0.01
38) Acenaphthene-d10	14.78	164	15432	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	41212	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	51098	20.00	ng	-0.02
86) Perylene-d12	25.06	264	45901	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	44373	132.68	ng	0.00
7) Phenol-d6	7.31	99	65960	132.54	ng	-0.02
23) Nitrobenzene-d5	9.33	82	45219	87.76	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	25574	126.40	ng	-0.01
44) 2-Fluorobiphenyl	13.40	172	95079	78.84	ng	-0.01
78) Terphenyl-d14	20.10	244	191699	87.68	ng	-0.01
Target Compounds						
49) Dimethylphthalate	14.22	163	16512	12.41	ng	Qvalue 100

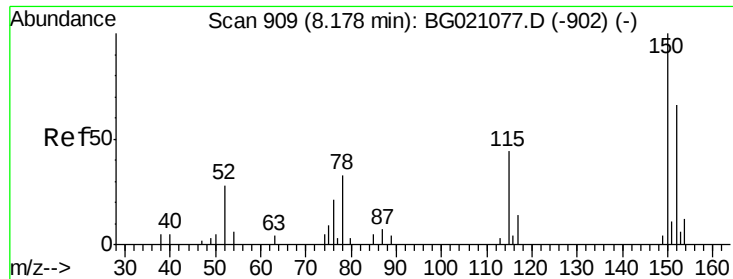
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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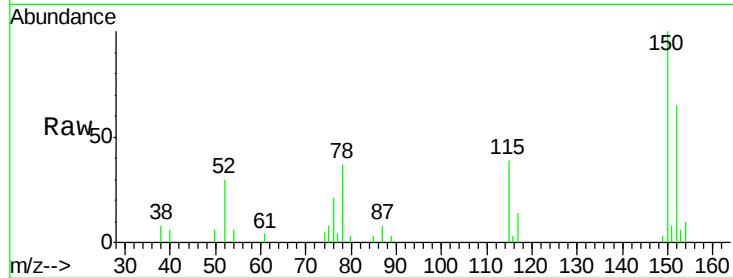


#1

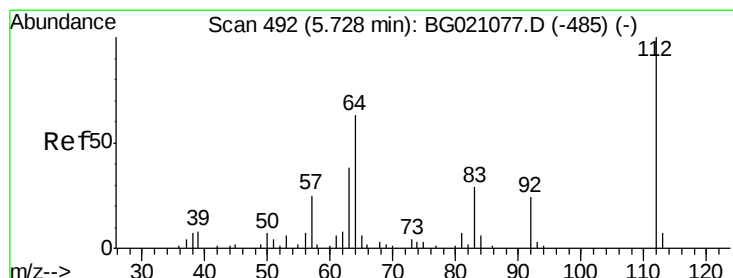
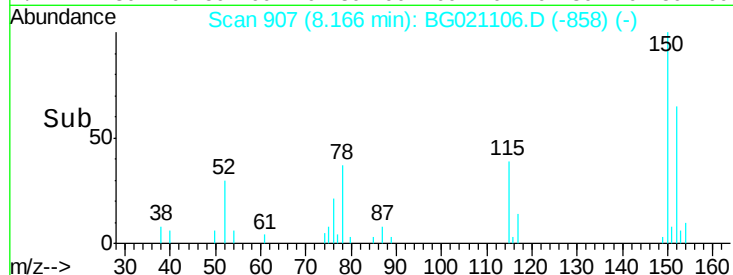
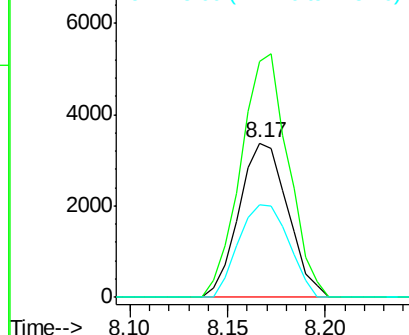
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.17 min Scan# 907
Delta R.T. -0.01 min
Lab File: BG021106.D
Acq: 27 Feb 2016 9:14

Instrument :
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ClientSampleId :
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Tgt Ion:152 Resp: 5855
Ion Ratio Lower Upper
152 100
150 153.2 123.4 185.2
115 59.8 43.3 64.9



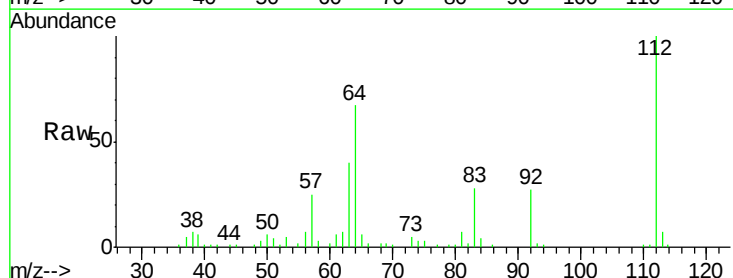
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



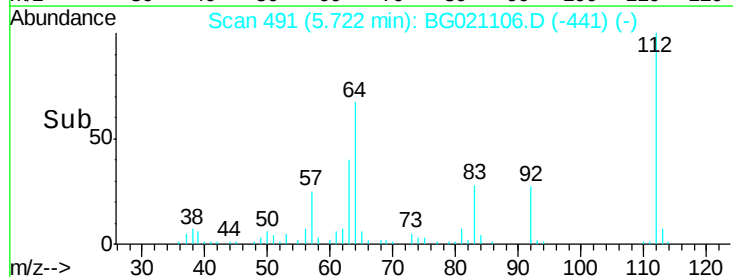
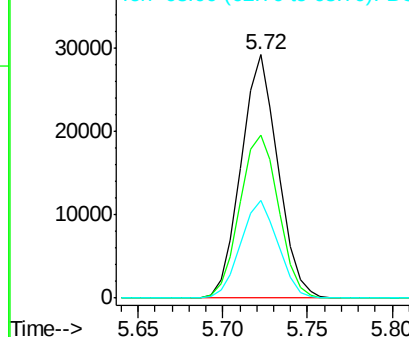
#5

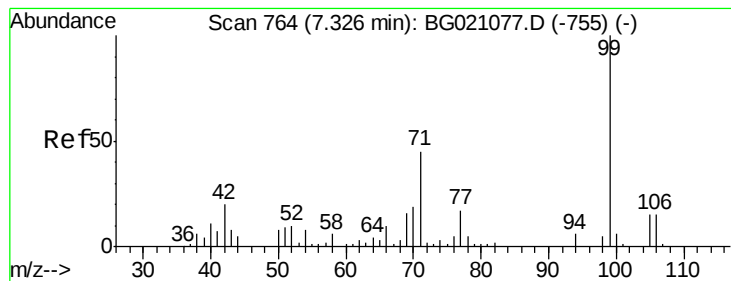
2-Fluorophenol
Concen: 132.68 ng
RT: 5.72 min Scan# 491
Delta R.T. -0.00 min
Lab File: BG021106.D
Acq: 27 Feb 2016 9:14

Tgt Ion:112 Resp: 44373
Ion Ratio Lower Upper
112 100
64 67.2 42.6 63.8#
63 40.3 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: 132.54 ng

RT: 7.31 min Scan# 761

Delta R.T. -0.02 min

Lab File: BG021106.D

Acq: 27 Feb 2016 9:14

Instrument :

BNA_G

ClientSampled :

S-17

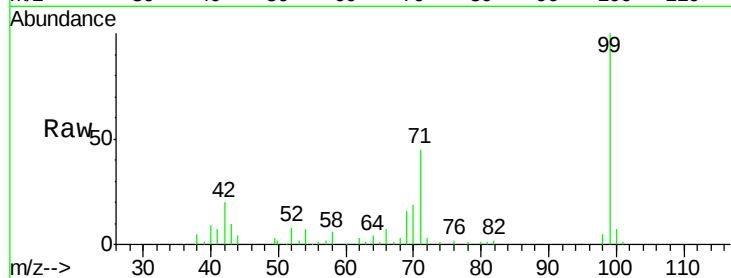
Tgt Ion: 99 Resp: 65960

Ion Ratio Lower Upper

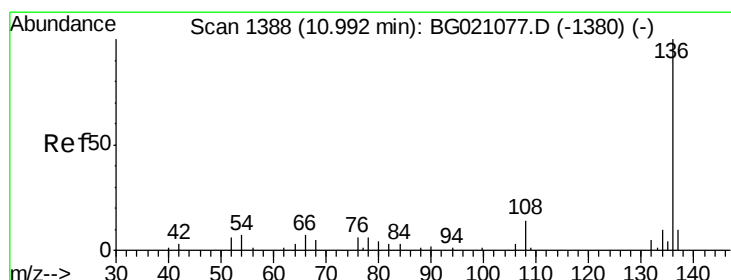
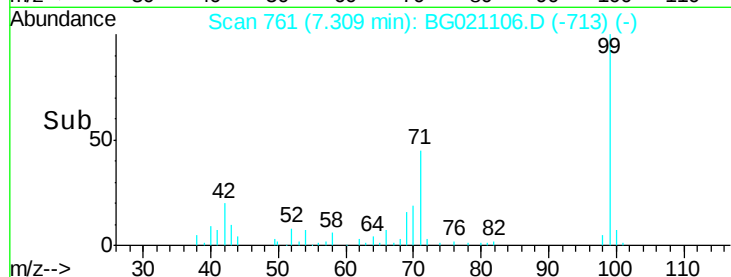
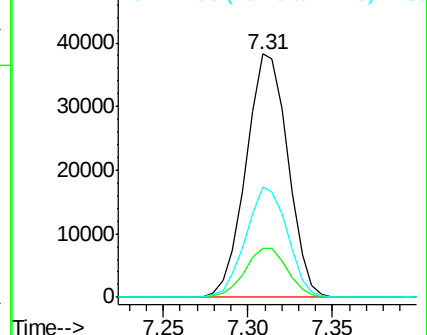
99 100

42 20.4 13.2 19.8#

71 45.1 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# 1386

Delta R.T. -0.01 min

Lab File: BG021106.D

Acq: 27 Feb 2016 9:14

Tgt Ion: 136 Resp: 24549

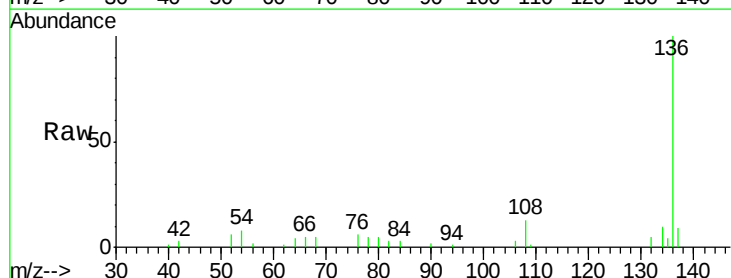
Ion Ratio Lower Upper

136 100

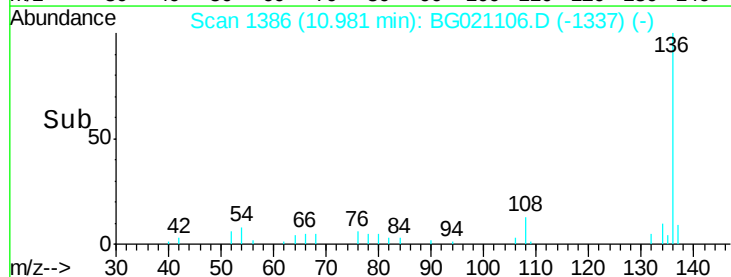
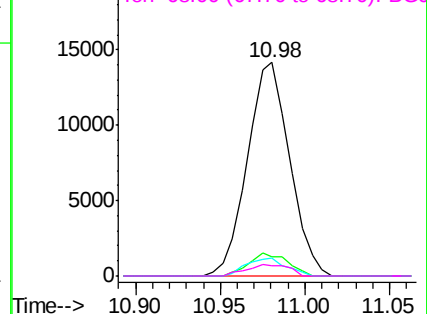
137 9.2 8.8 13.2

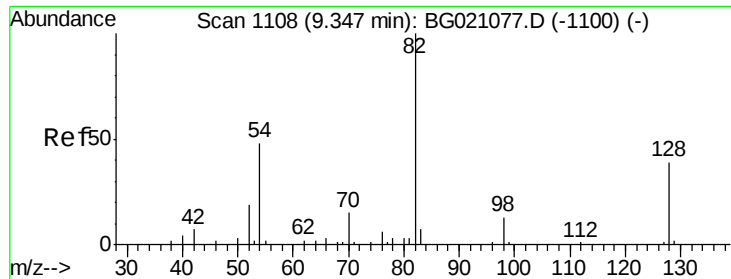
54 8.3 6.9 10.3

68 4.6 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

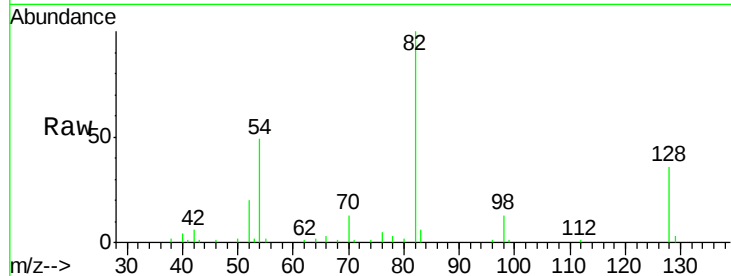




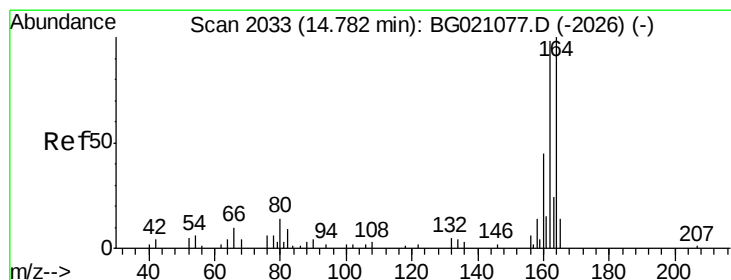
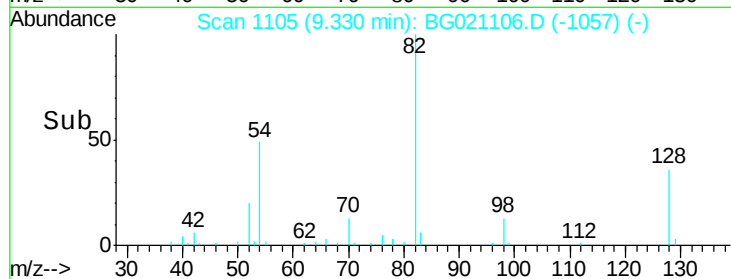
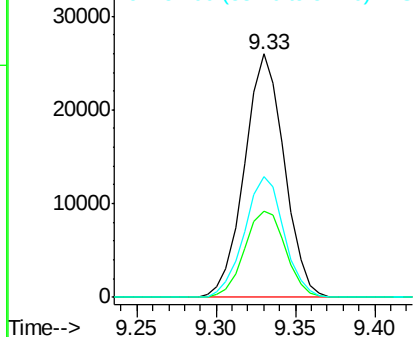
#23
Nitrobenzene-d5
Concen: 87.76 ng
RT: 9.33 min Scan# 1105
Delta R.T. -0.02 min
Lab File: BG021106.D
Acq: 27 Feb 2016 9:14

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion: 82 Resp: 45219
Ion Ratio Lower Upper
82 100
128 35.6 36.3 54.5#
54 49.3 37.6 56.4

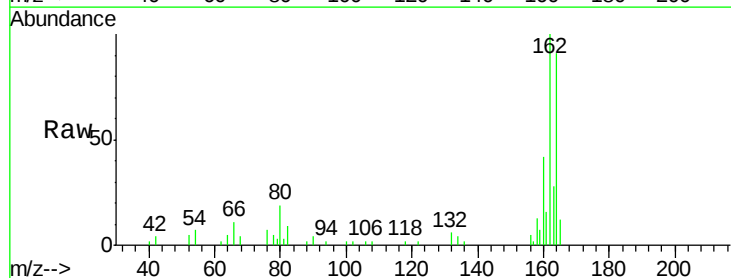


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

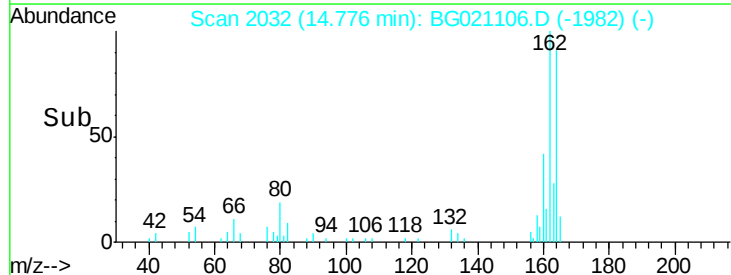
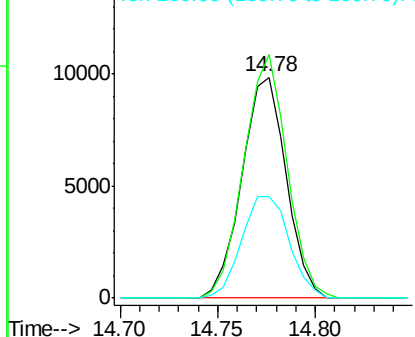


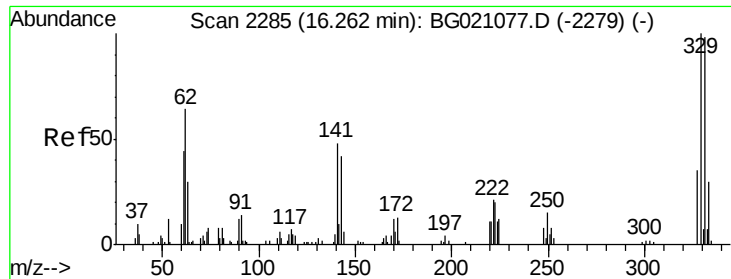
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.78 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BG021106.D
Acq: 27 Feb 2016 9:14

Tgt Ion: 164 Resp: 15432
Ion Ratio Lower Upper
164 100
162 110.2 80.6 120.8
160 46.0 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

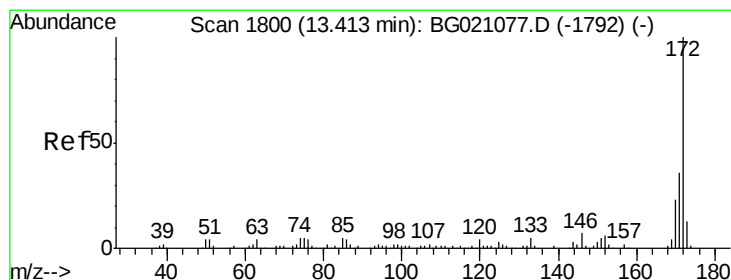
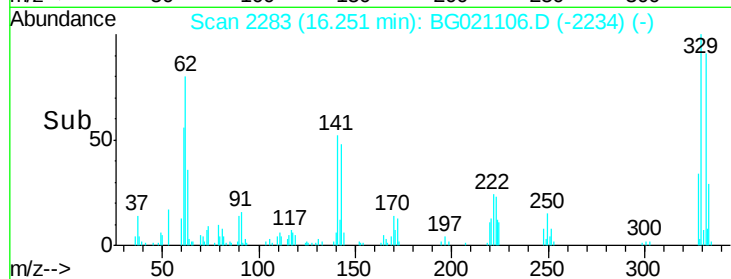
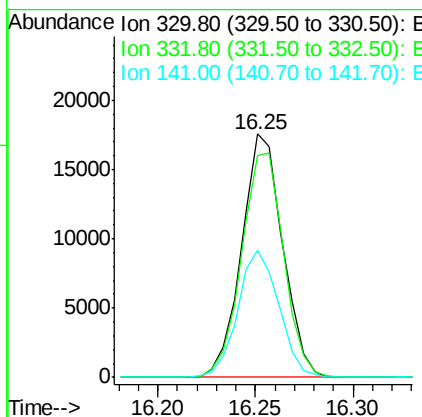
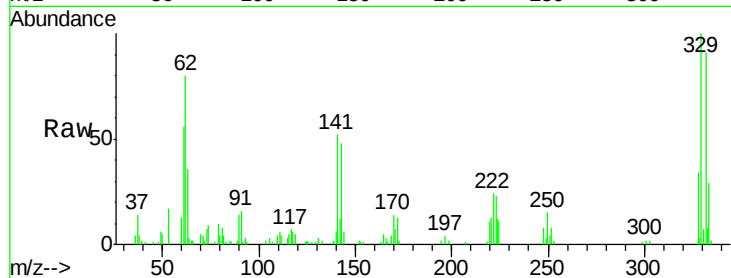




#41
 2,4,6-Tribromophenol
 Concen: 126.40 ng
 RT: 16.25 min Scan# 2283
 Delta R.T. -0.01 min
 Lab File: BG021106.D
 Acq: 27 Feb 2016 9:14

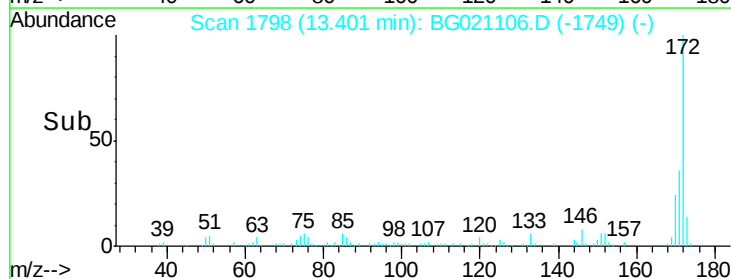
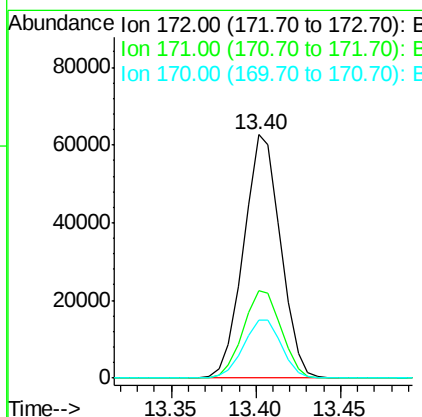
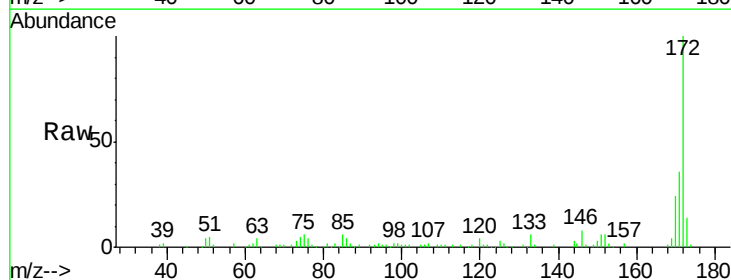
Instrument :
 BNA_G
 ClientSampleId :
 S-17

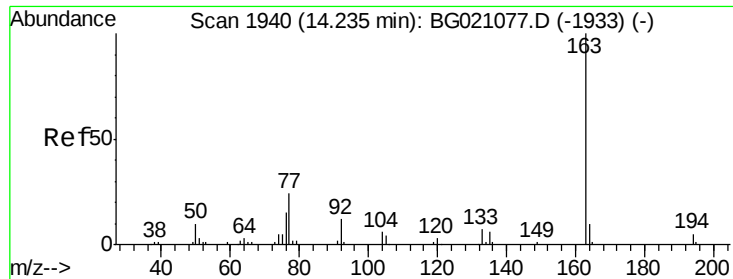
Tgt Ion:330 Resp: 25574
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.4 116.0
 141 51.9 35.3 52.9



#44
 2-Fluorobiphenyl
 Concen: 78.84 ng
 RT: 13.40 min Scan# 1798
 Delta R.T. -0.01 min
 Lab File: BG021106.D
 Acq: 27 Feb 2016 9:14

Tgt Ion:172 Resp: 95079
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.4 44.0
 170 23.9 19.8 29.8





#49

Dimethylphthalate

Concen: 12.41 ng

RT: 14.22 min Scan# 1937

Delta R.T. -0.02 min

Lab File: BG021106.D

Acq: 27 Feb 2016 9:14

Instrument :

BNA_G

ClientSampleId :

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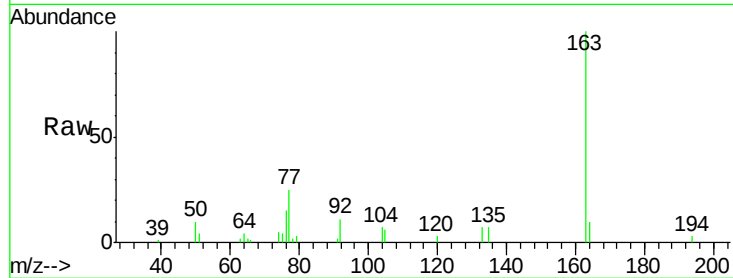
Tgt Ion:163 Resp: 16512

Ion Ratio Lower Upper

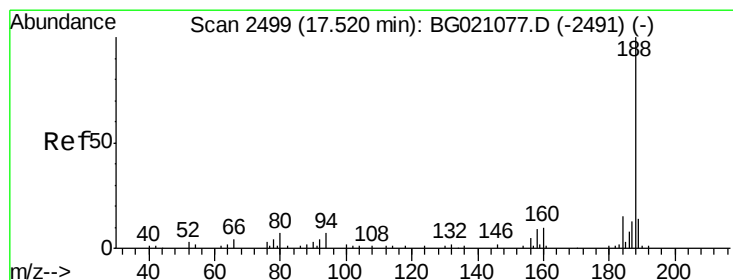
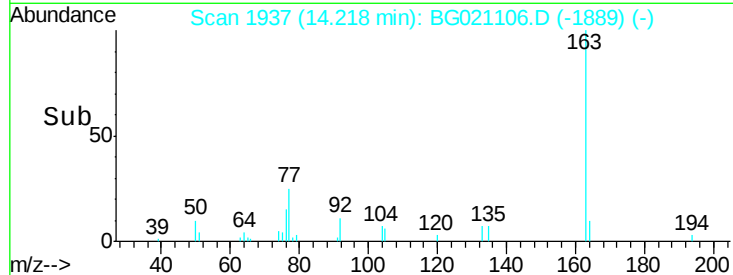
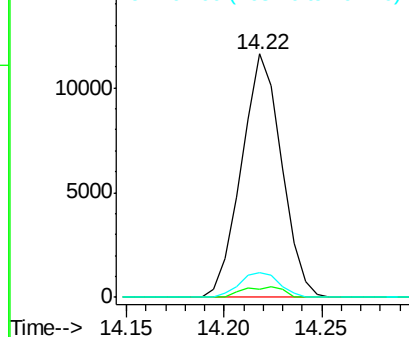
163 100

194 3.3 2.8 4.2

164 10.0 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: 17.51 min Scan# 2497

Delta R.T. -0.01 min

Lab File: BG021106.D

Acq: 27 Feb 2016 9:14

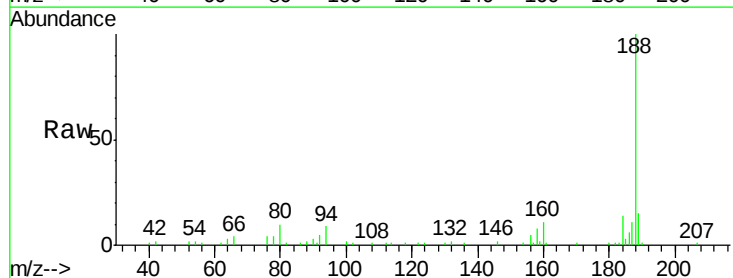
Tgt Ion:188 Resp: 41212

Ion Ratio Lower Upper

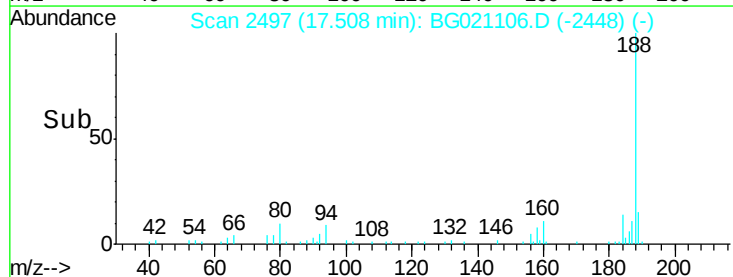
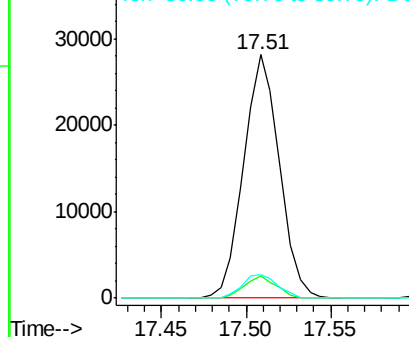
188 100

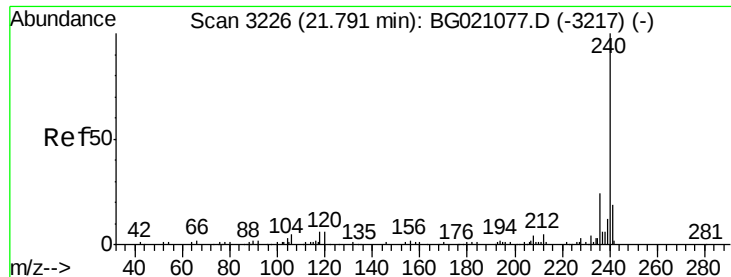
94 9.1 8.2 12.4

80 9.8 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

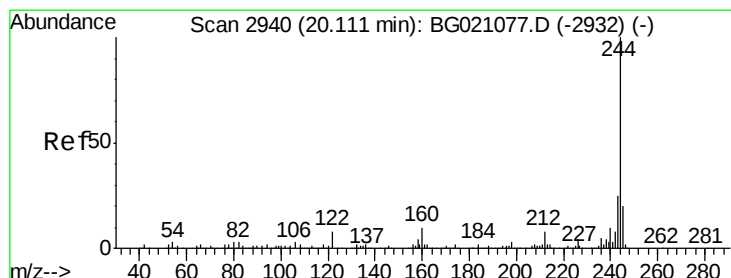
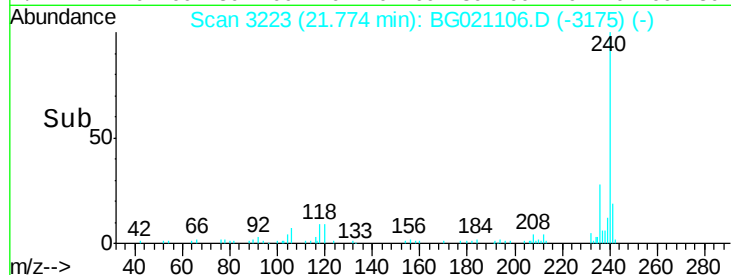
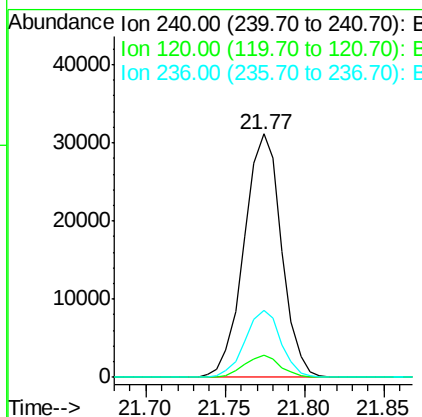
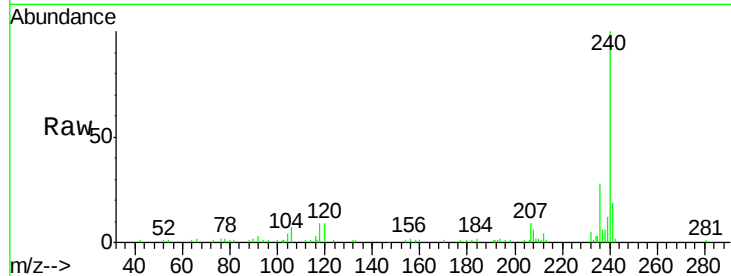




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3223
Delta R.T. -0.02 min
Lab File: BG021106.D
Acq: 27 Feb 2016 9:14

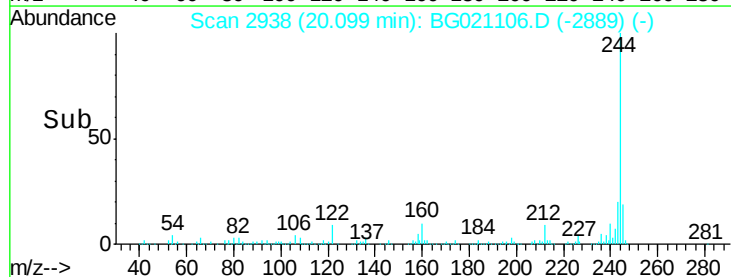
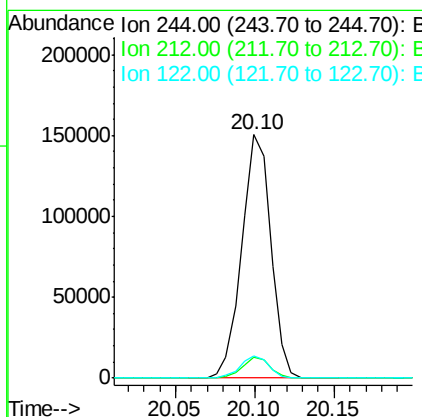
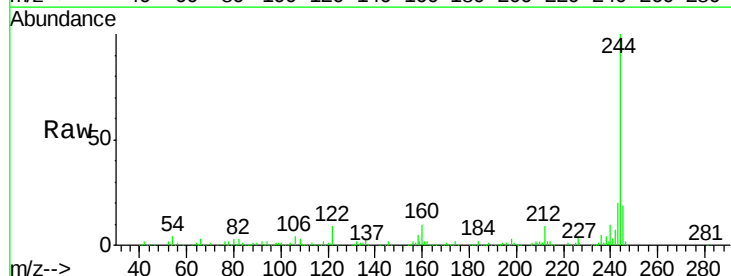
Instrument :
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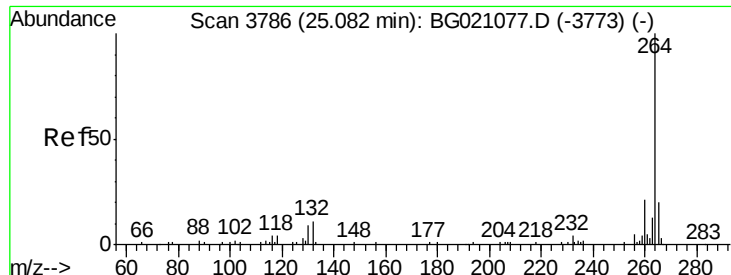
Tgt Ion:240 Resp: 51098
Ion Ratio Lower Upper
240 100
120 9.1 7.5 11.3
236 27.5 20.5 30.7



#78
Terphenyl-d14
Concen: 87.68 ng
RT: 20.10 min Scan# 2938
Delta R.T. -0.01 min
Lab File: BG021106.D
Acq: 27 Feb 2016 9:14

Tgt Ion:244 Resp: 191699
Ion Ratio Lower Upper
244 100
212 8.6 5.8 8.6#
122 9.0 8.3 12.5

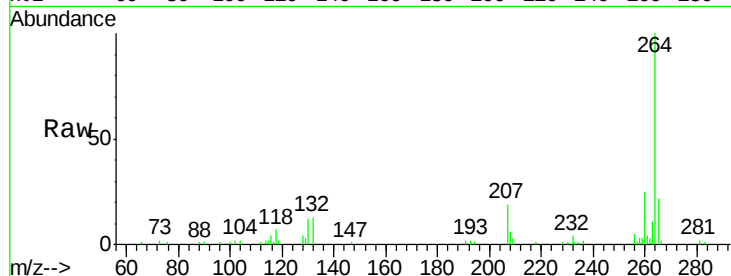




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.06 min Scan# 3782
Delta R.T. -0.02 min
Lab File: BG021106.D
Acq: 27 Feb 2016 9:14

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:	264	Resp:	45901
Ion	Ratio	Lower	Upper
264	100		
260	25.2	18.5	27.7
265	22.2	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

