

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
 Data File : BG021108.D
 Acq On : 27 Feb 2016 10:32
 Operator : UM/SJ
 Sample : H1558-18
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S-20

Quant Time: Feb 29 00:58:15 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

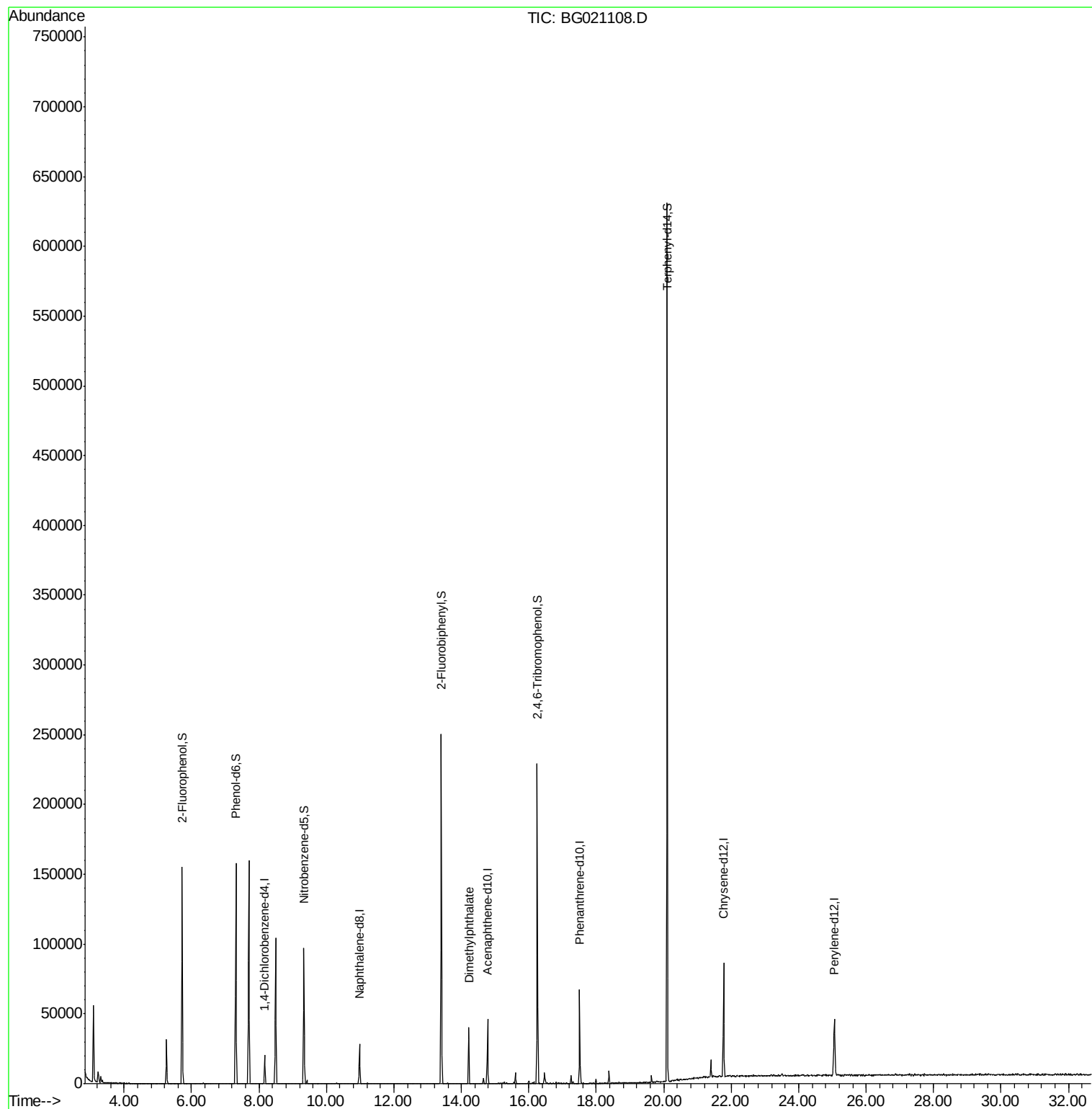
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	5930	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	24231	20.00	ng	-0.01
38) Acenaphthene-d10	14.78	164	15259	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	40099	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	49847	20.00	ng	-0.02
86) Perylene-d12	25.06	264	45628	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	57561	169.94	ng	0.00
7) Phenol-d6	7.31	99	86724	172.06	ng	-0.01
23) Nitrobenzene-d5	9.33	82	58735	115.49	ng	-0.02
41) 2,4,6-Tribromophenol	16.26	330	33733	168.61	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	121021	101.49	ng	-0.01
78) Terphenyl-d14	20.10	244	244778	114.76	ng	-0.01
Target Compounds						
49) Dimethylphthalate	14.22	163	24281	18.46	ng	Qvalue # 96

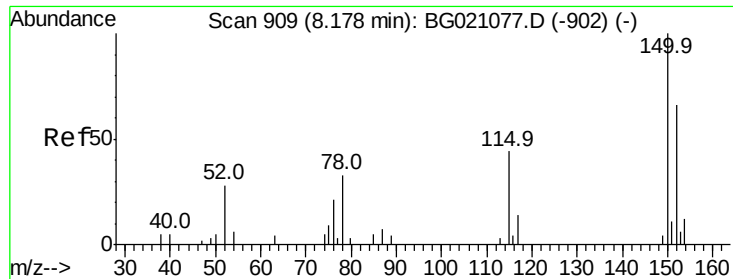
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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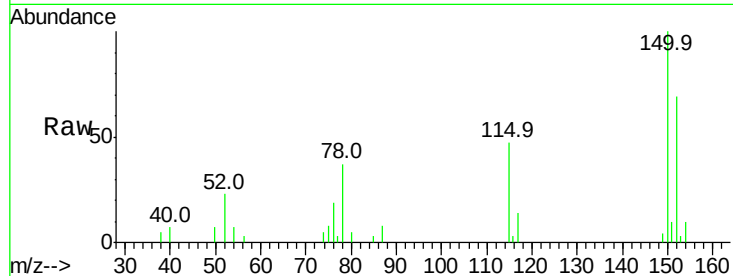


#1

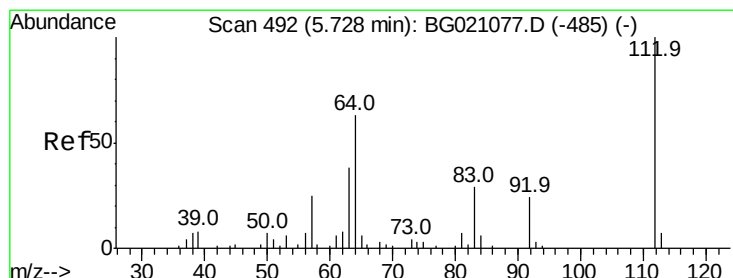
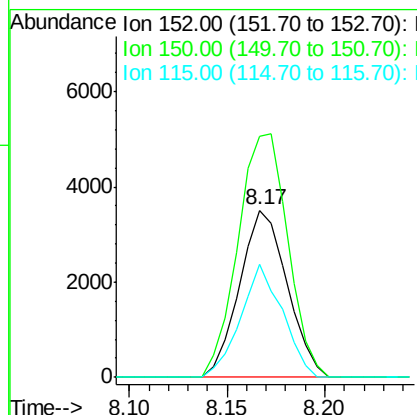
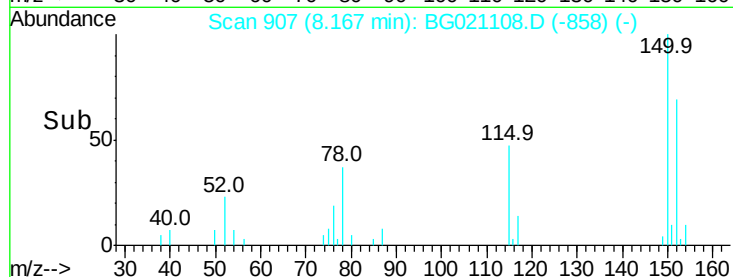
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.17 min Scan# 907
Delta R.T. -0.01 min
Lab File: BG021108.D
Acq: 27 Feb 2016 10:32

Instrument :
BNA_G
ClientSampleId :
S-20

Tot Ion:152 Resp: 5930
Ion Ratio Lower Upper
152 100
150 144.1 123.4 185.2
115 67.6 43.3 64.9#



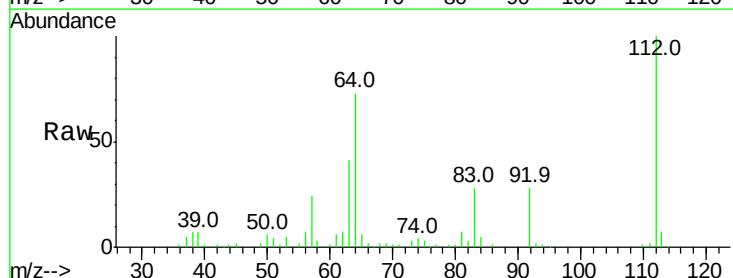
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



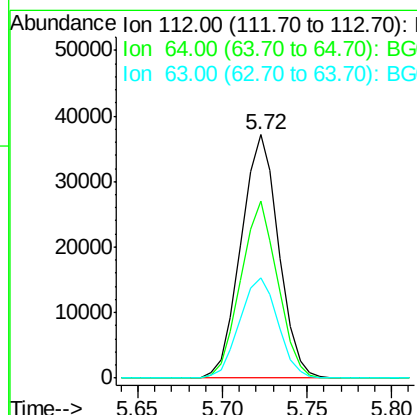
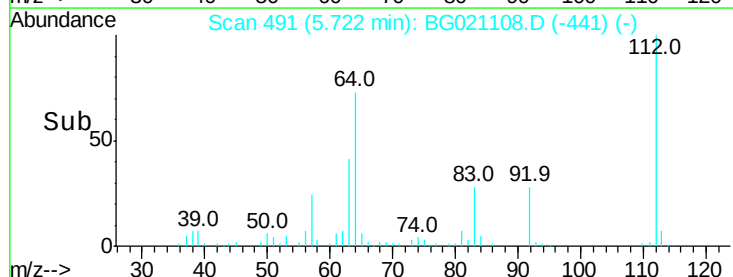
#5

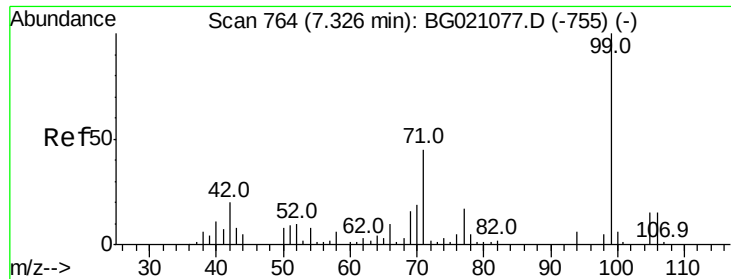
2-Fluorophenol
Concen: 169.94 ng
RT: 5.72 min Scan# 491
Delta R.T. -0.00 min
Lab File: BG021108.D
Acq: 27 Feb 2016 10:32

Tgt Ion:112 Resp: 57561
Ion Ratio Lower Upper
112 100
64 72.8 42.6 63.8#
63 41.4 21.7 32.5#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 172.06 ng

RT: 7.31 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG021108.D

Acq: 27 Feb 2016 10:32

Instrument :

BNA_G

ClientSampleId :

S-20

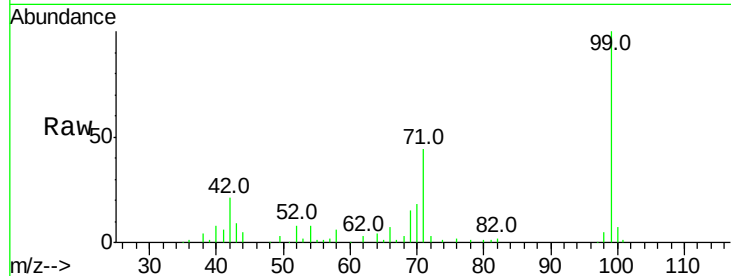
Tot Ion: 99 Resp: 86724

Ion Ratio Lower Upper

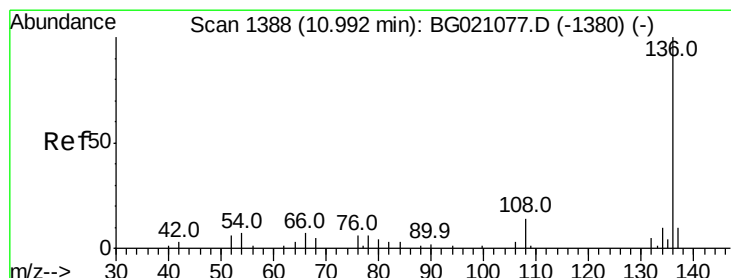
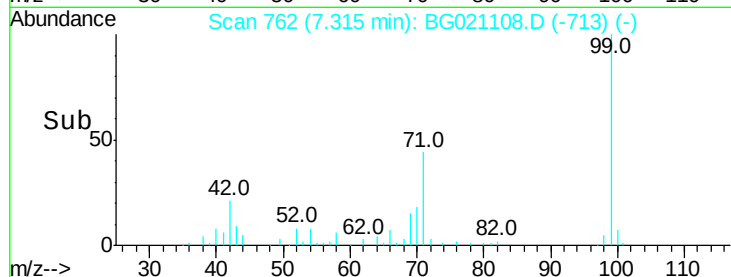
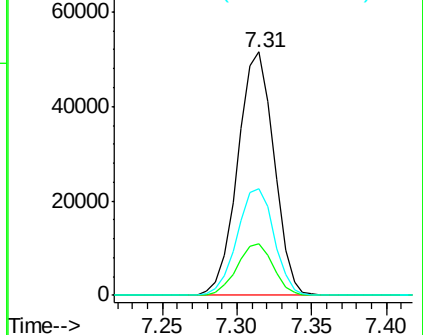
99 100

42 21.0 13.2 19.8#

71 43.7 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: BG021108.D

Acq: 27 Feb 2016 10:32

Tgt Ion: 136 Resp: 24231

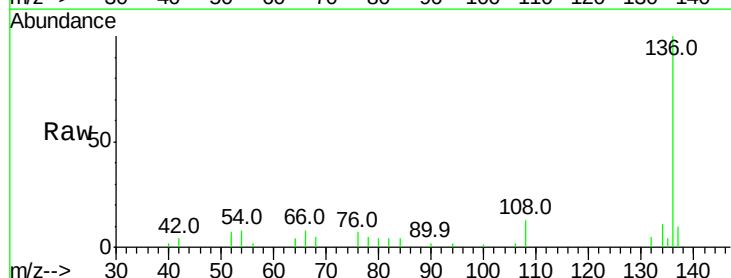
Ion Ratio Lower Upper

136 100

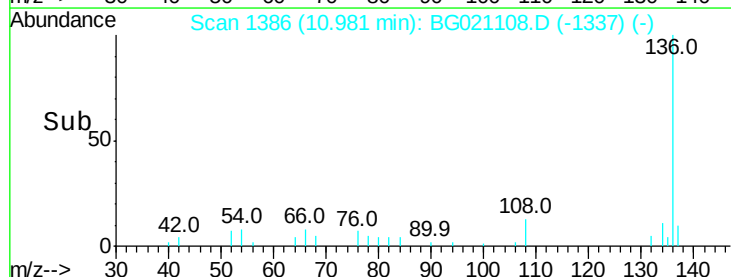
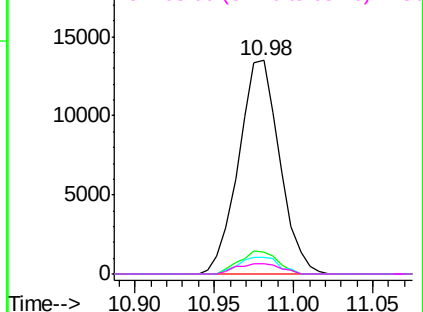
137 10.5 8.8 13.2

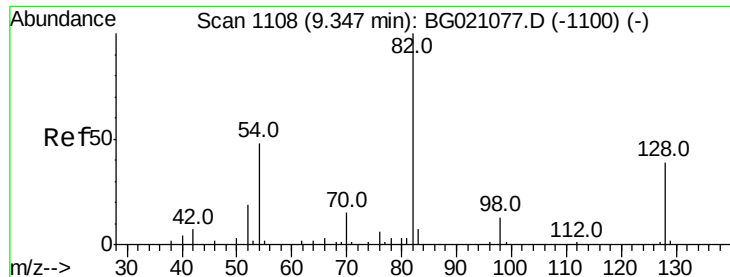
54 7.9 6.9 10.3

68 5.0 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

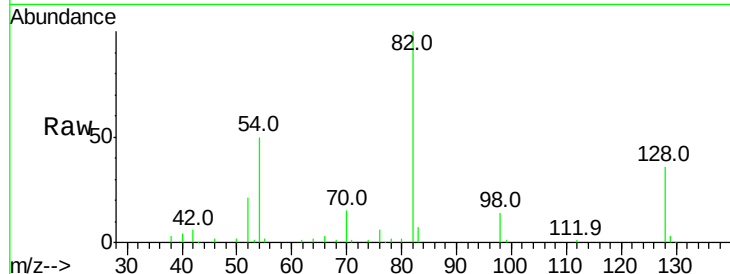




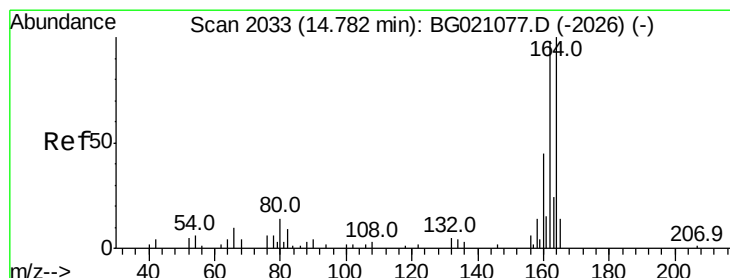
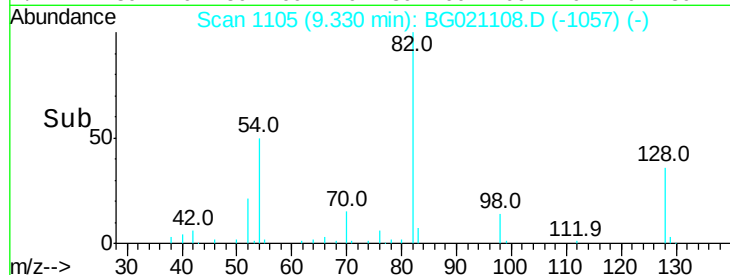
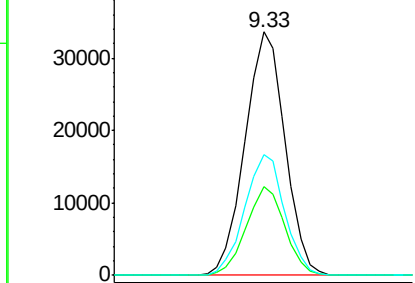
#23
 Nitrobenzene-d5
 Concen: 115.49 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. -0.02 min
 Lab File: BG021108.D
 Acq: 27 Feb 2016 10:32

Instrument :
 BNA_G
 ClientSampled :
 S-20

Tot Ion	82	Resp	58735
Ion Ratio	100	Lower	Upper
128	36.5	36.3	54.5
54	49.6	37.6	56.4

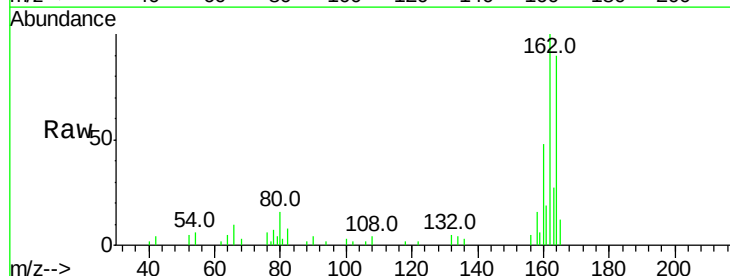


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

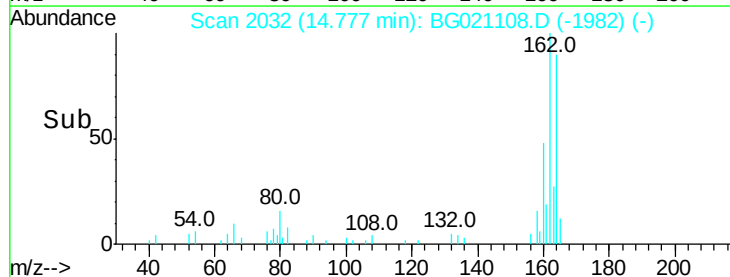
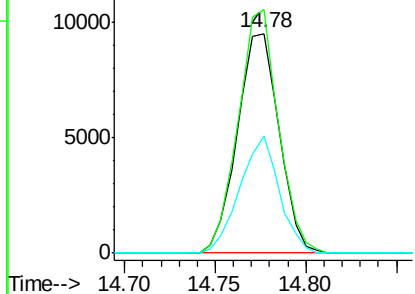


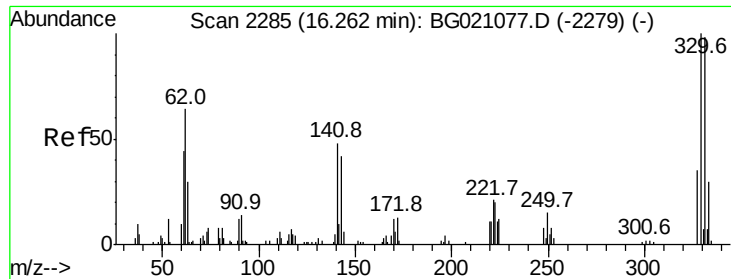
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.78 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BG021108.D
 Acq: 27 Feb 2016 10:32

Tgt Ion	164	Resp	15259
Ion Ratio	100	Lower	Upper
162	110.7	80.6	120.8
160	53.2	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

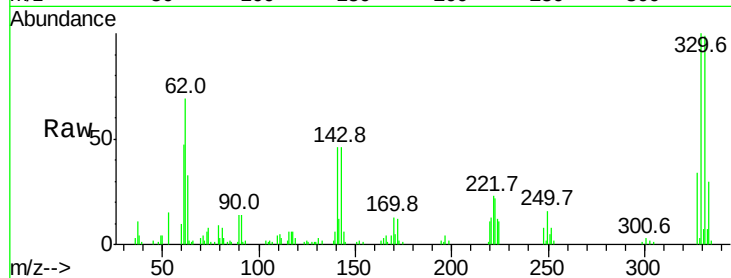




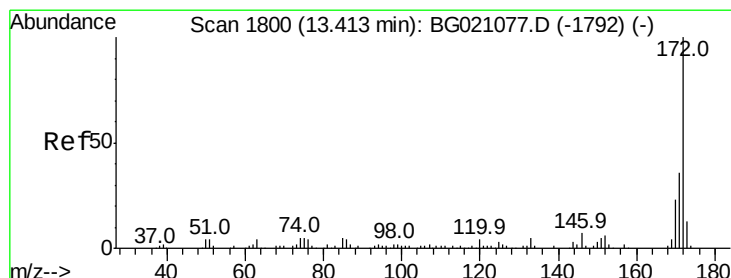
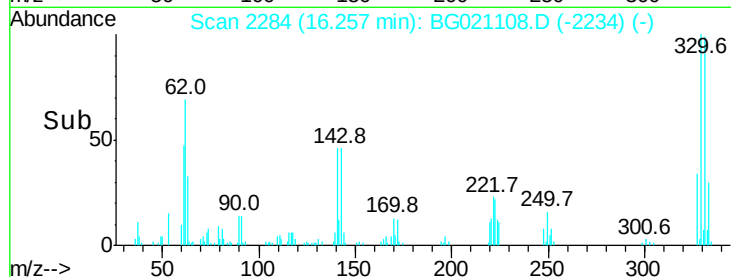
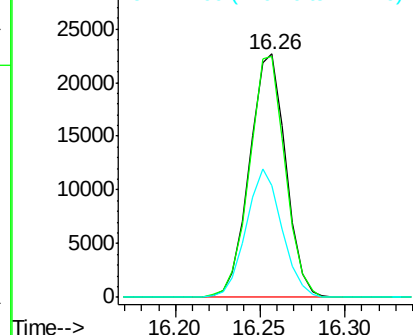
#41
 2,4,6-Tribromophenol
 Concen: 168.61 ng
 RT: 16.26 min Scan# 2284
 Delta R.T. -0.01 min
 Lab File: BG021108.D
 Acq: 27 Feb 2016 10:32

Instrument :
 BNA_G
 ClientSampleId :
 S-20

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.4	116.0
141	52.0	35.3	52.9

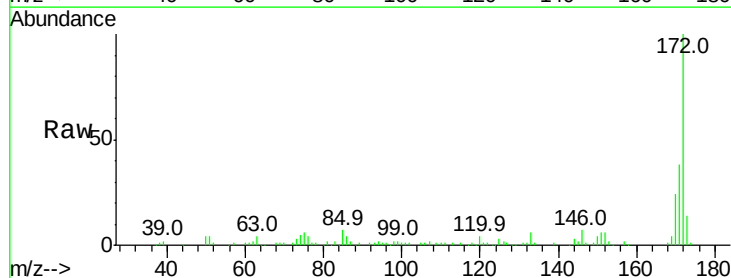


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

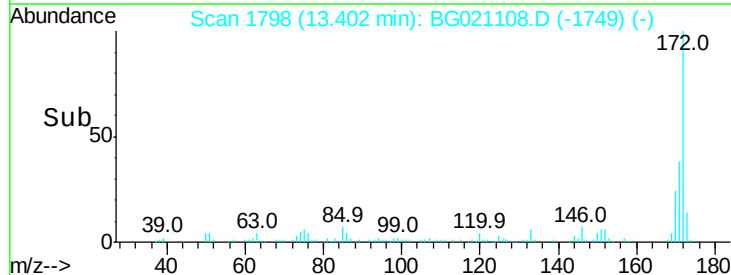
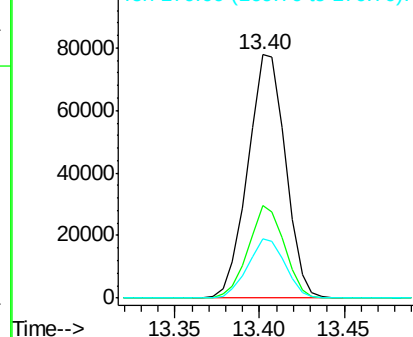


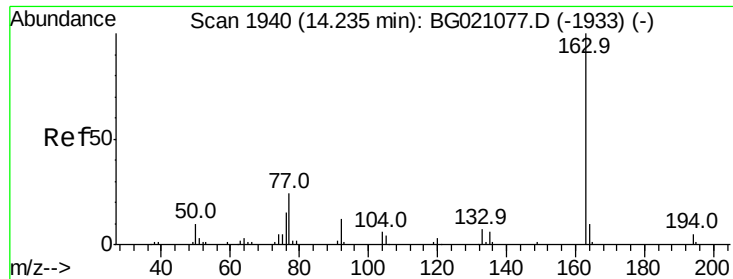
#44
 2-Fluorobiphenyl
 Concen: 101.49 ng
 RT: 13.40 min Scan# 1798
 Delta R.T. -0.01 min
 Lab File: BG021108.D
 Acq: 27 Feb 2016 10:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.4	44.0
170	24.3	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: 18.46 ng

RT: 14.22 min Scan# 1937

Delta R.T. -0.02 min

Lab File: BG021108.D

Acq: 27 Feb 2016 10:32

Instrument :

BNA_G

ClientSampleId :

S-20

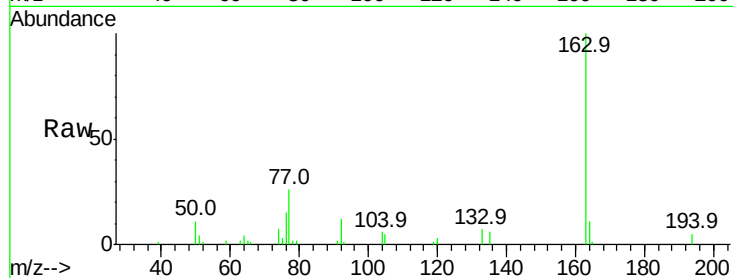
Tot Ion:163 Resp: 24281

Ion Ratio Lower Upper

163 100

194 4.7 2.8 4.2#

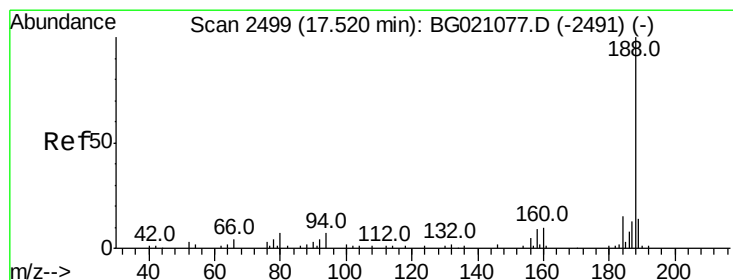
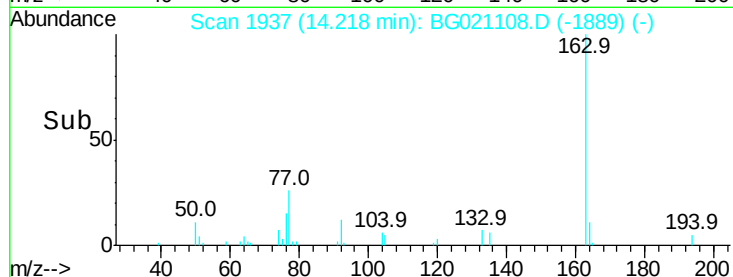
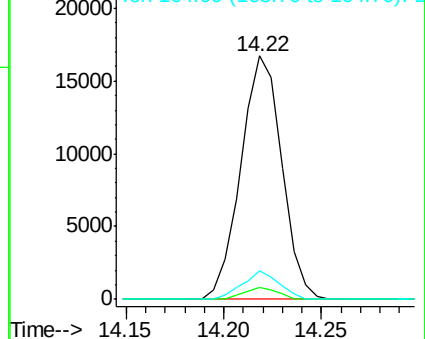
164 11.5 7.9 11.9



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: BG021108.D

Acq: 27 Feb 2016 10:32

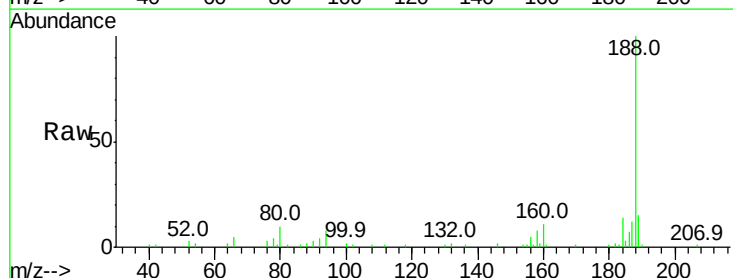
Tgt Ion:188 Resp: 40099

Ion Ratio Lower Upper

188 100

94 8.1 8.2 12.4#

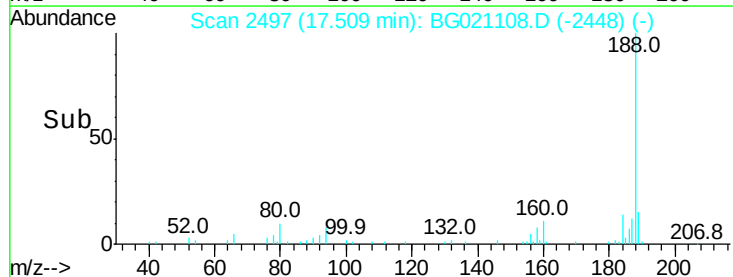
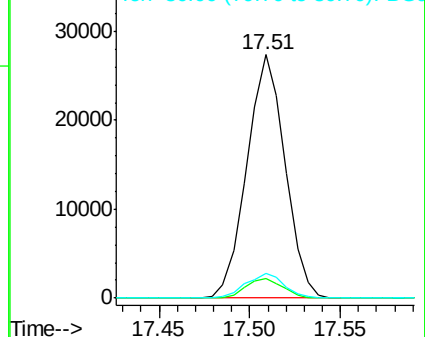
80 10.0 9.2 13.8

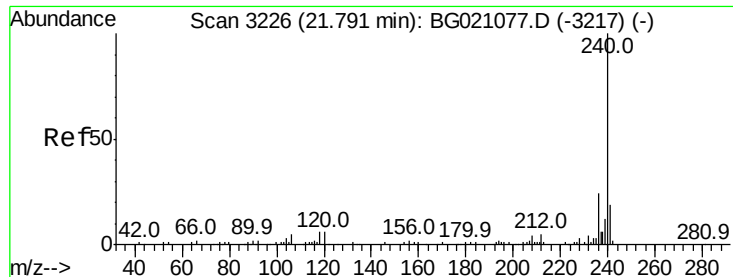


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

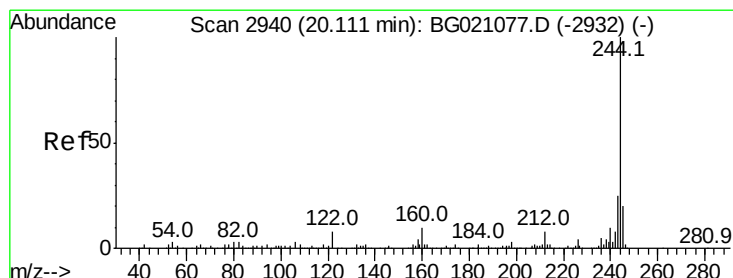
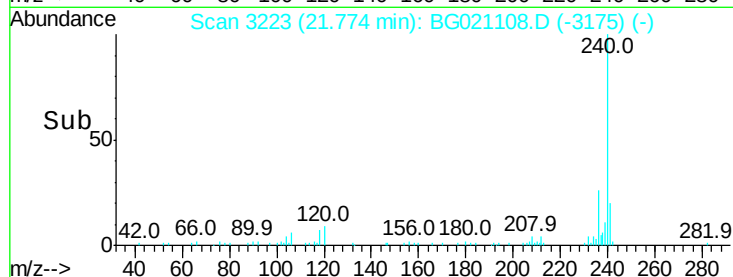
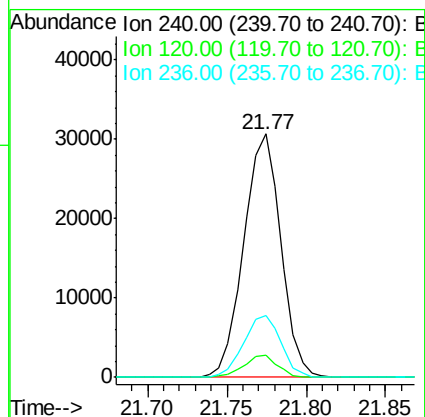
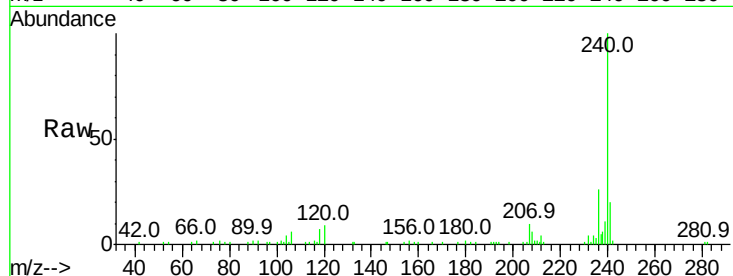




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 21.77 min Scan# 3223
 Delta R.T. -0.02 min
 Lab File: BG021108.D
 Acq: 27 Feb 2016 10:32

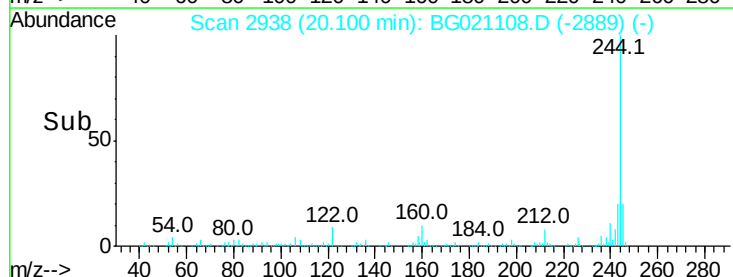
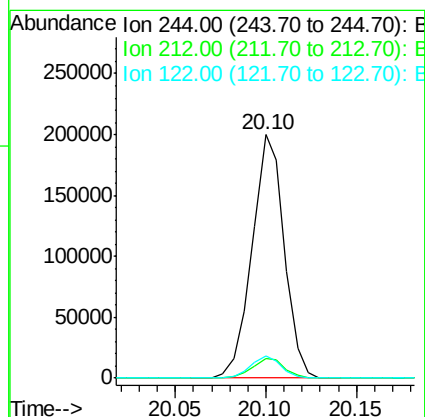
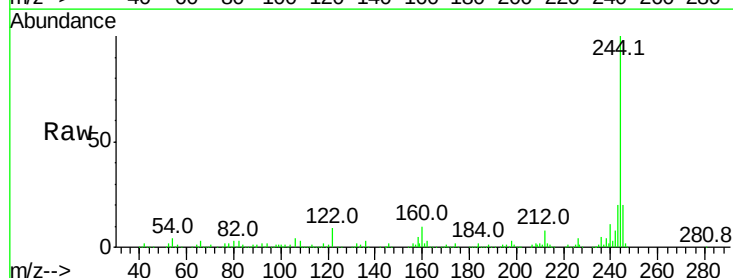
Instrument :
 BNA_G
 ClientSampleId :
 S-20

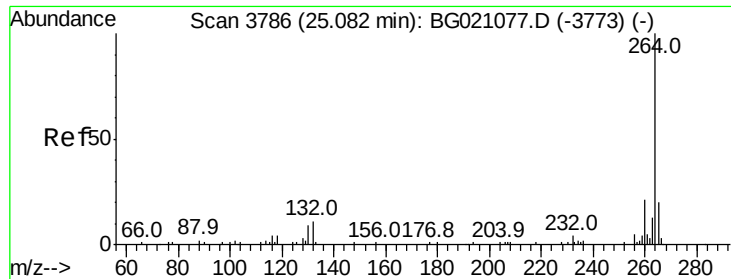
Tot Ion:240 Resp: 49847
 Ion Ratio Lower Upper
 240 100
 120 9.0 7.5 11.3
 236 25.6 20.5 30.7



#78
 Terphenyl-d14
 Concen: 114.76 ng
 RT: 20.10 min Scan# 2938
 Delta R.T. -0.01 min
 Lab File: BG021108.D
 Acq: 27 Feb 2016 10:32

Tgt Ion:244 Resp: 244778
 Ion Ratio Lower Upper
 244 100
 212 8.2 5.8 8.6
 122 9.1 8.3 12.5

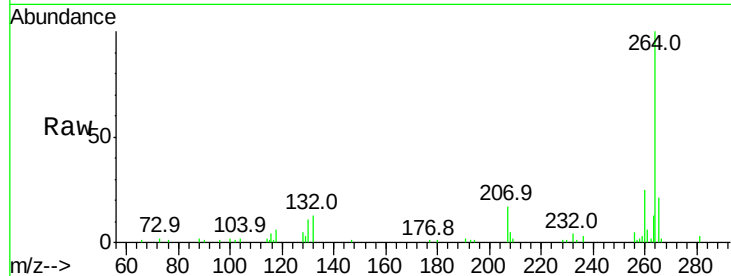




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.06 min Scan# 3782
 Delta R.T. -0.02 min
 Lab File: BG021108.D
 Acq: 27 Feb 2016 10:32

Instrument :
 BNA_G
 ClientSampleId :
 S-20

Tot Ion:	264	Resp:	45628
Ion	Ratio	Lower	Upper
264	100		
260	25.3	18.5	27.7
265	20.6	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

