

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
 Data File : BG021103.D
 Acq On : 27 Feb 2016 7:17
 Operator : UM/SJ
 Sample : H1558-11
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S-13

Quant Time: Feb 29 00:30:57 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

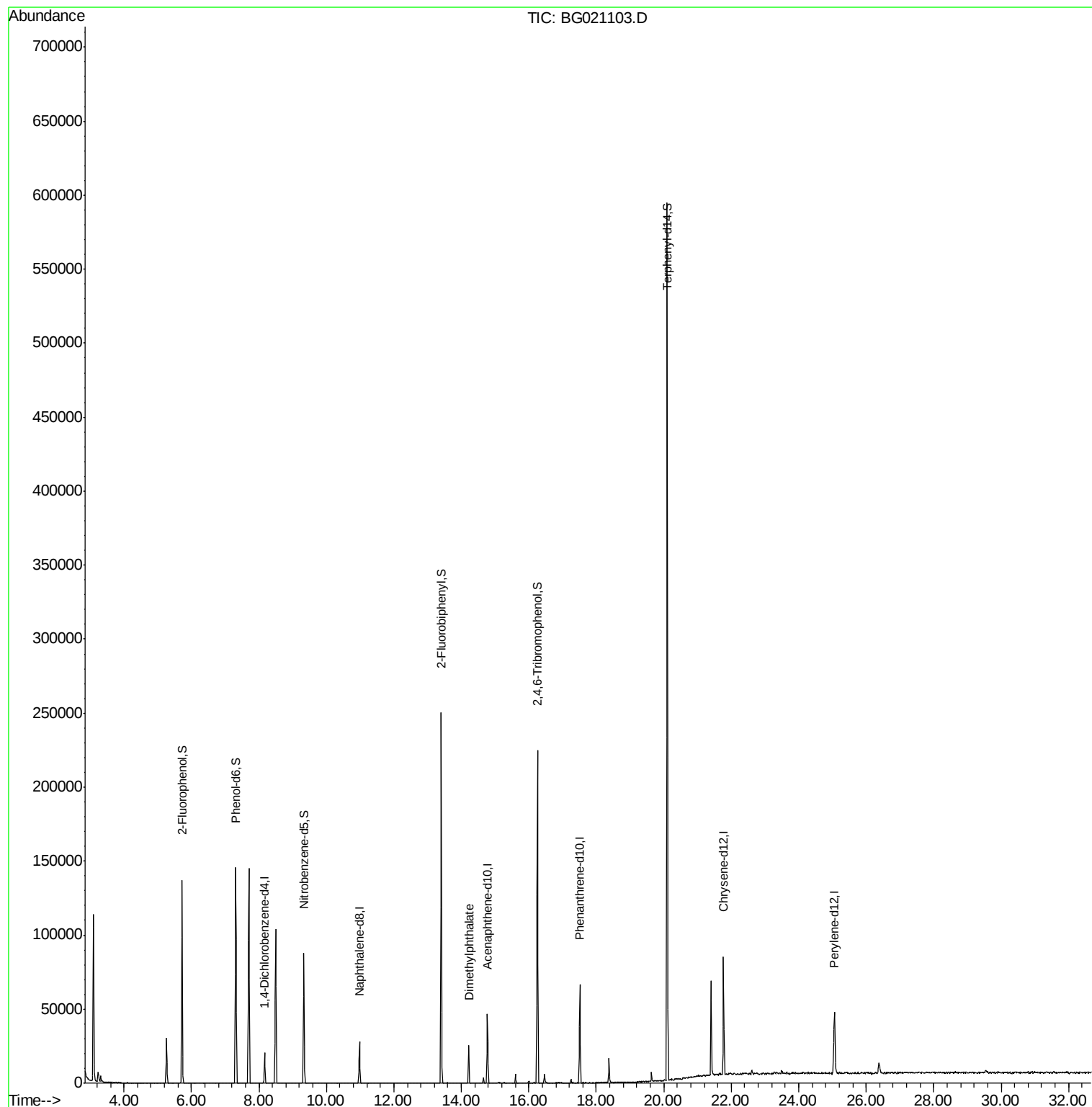
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	5817	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	23820	20.00	ng	-0.01
38) Acenaphthene-d10	14.77	164	15836	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	39940	20.00	ng	0.00
75) Chrysene-d12	21.78	240	50144	20.00	ng	-0.01
86) Perylene-d12	25.06	264	46266	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.73	112	54742	164.76	ng	0.00
7) Phenol-d6	7.32	99	81218	164.27	ng	0.00
23) Nitrobenzene-d5	9.33	82	54864	109.74	ng	-0.01
41) 2,4,6-Tribromophenol	16.25	330	32488	156.47	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	118962	96.13	ng	0.00
78) Terphenyl-d14	20.10	244	241260	112.44	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.22	163	15947	11.68	ng	# 99

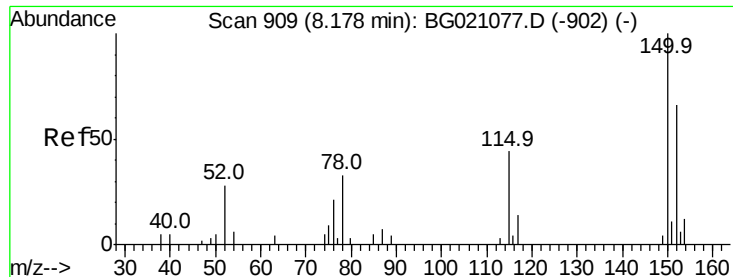
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG021103.D

Acq: 27 Feb 2016 7:17

Instrument :

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ClientSampleId :

S-13

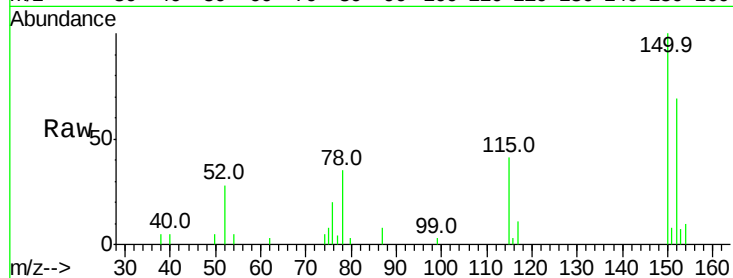
Tot Ion:152 Resp: 5817

Ion Ratio Lower Upper

152 100

150 144.1 123.4 185.2

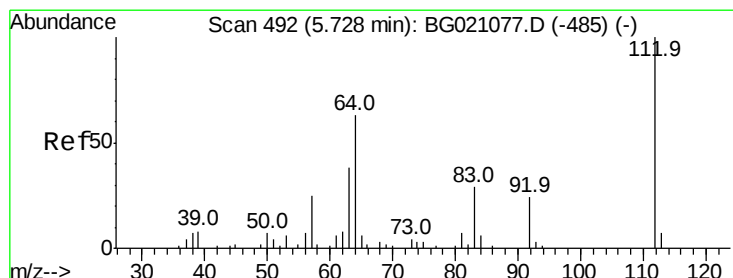
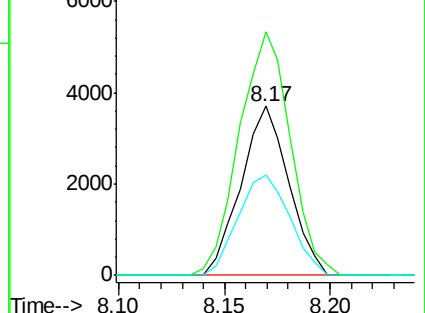
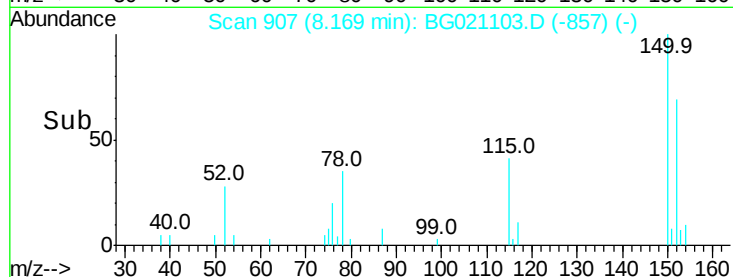
115 59.2 43.3 64.9



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: 164.76 ng

RT: 5.73 min Scan# 491

Delta R.T. -0.00 min

Lab File: BG021103.D

Acq: 27 Feb 2016 7:17

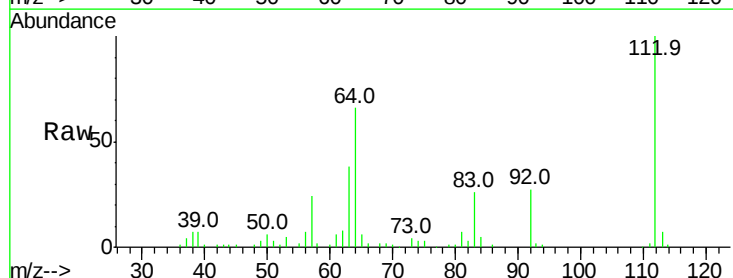
Tgt Ion:112 Resp: 54742

Ion Ratio Lower Upper

112 100

64 65.8 42.6 63.8#

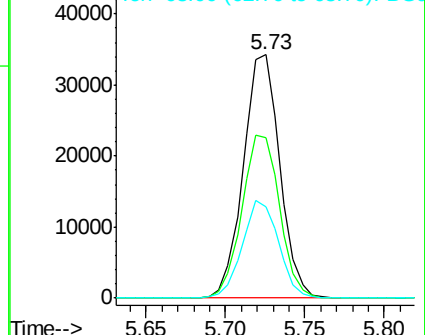
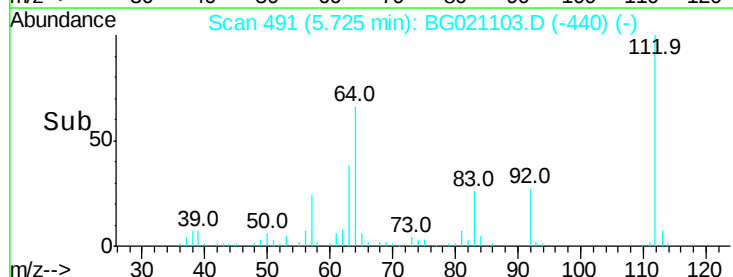
63 37.7 21.7 32.5#



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: 164.27 ng

RT: 7.32 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG021103.D

Acq: 27 Feb 2016 7:17

Instrument :

BNA_G

ClientSampleId :

S-13

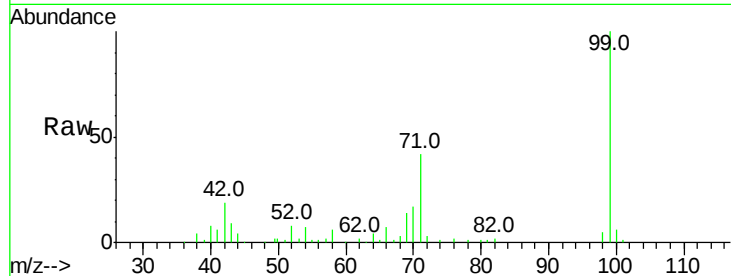
Tot Ion: 99 Resp: 81218

Ion Ratio Lower Upper

99 100

42 19.4 13.2 19.8

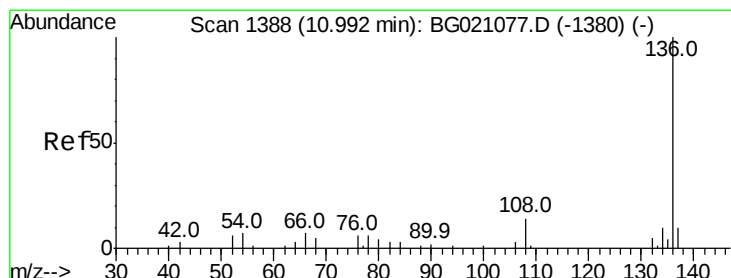
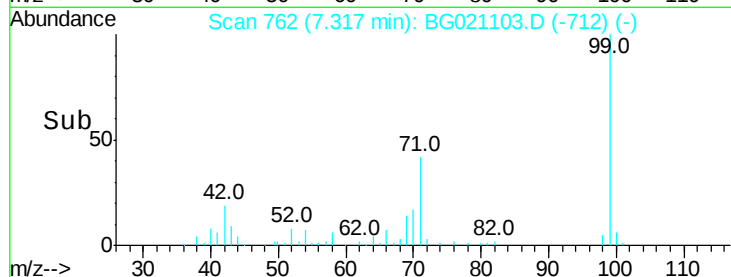
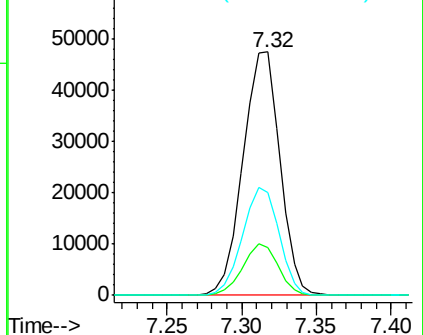
71 42.1 25.2 37.8#



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# 1385

Delta R.T. -0.01 min

Lab File: BG021103.D

Acq: 27 Feb 2016 7:17

Tgt Ion: 136 Resp: 23820

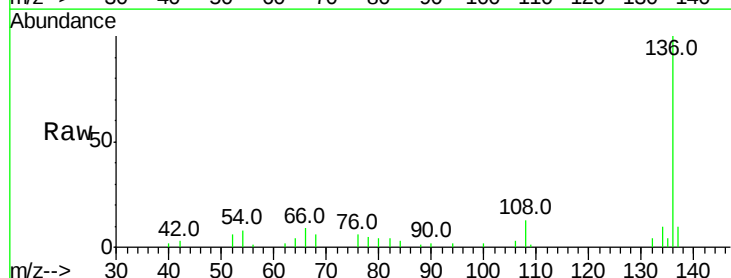
Ion Ratio Lower Upper

136 100

137 10.4 8.8 13.2

54 7.7 6.9 10.3

68 5.6 5.8 8.6#

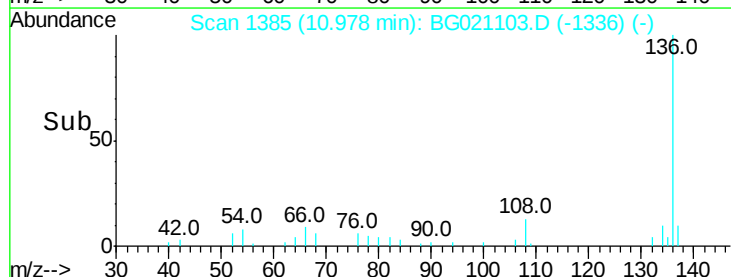
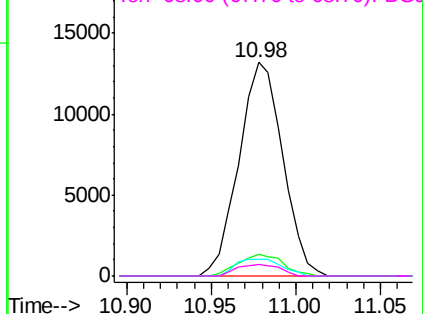


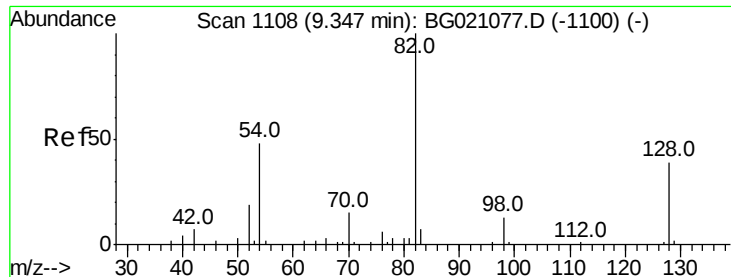
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

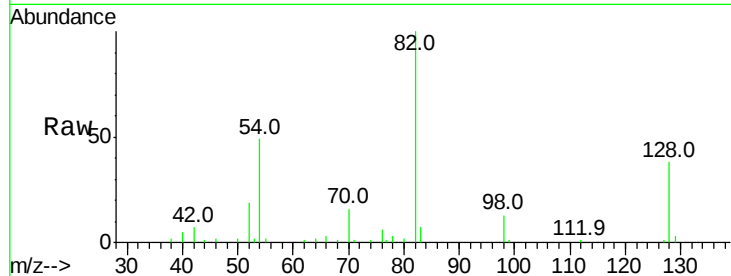




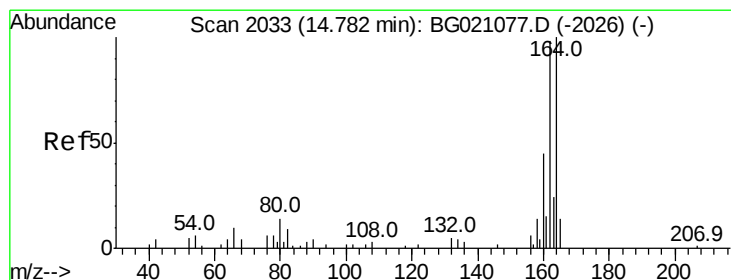
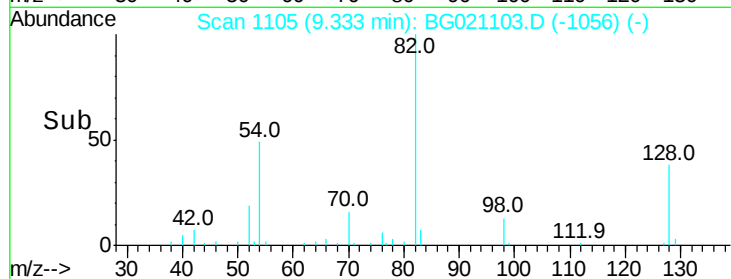
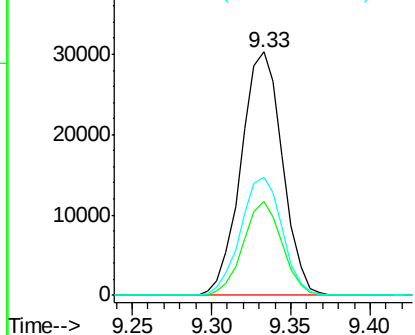
#23
 Nitrobenzene-d5
 Concen: 109.74 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. -0.01 min
 Lab File: BG021103.D
 Acq: 27 Feb 2016 7:17

Instrument :
 BNA_G
 ClientSampleId :
 S-13

Tot Ion	82	Resp	54864
Ion Ratio	100	Lower	Upper
128	38.3	36.3	54.5
54	48.8	37.6	56.4

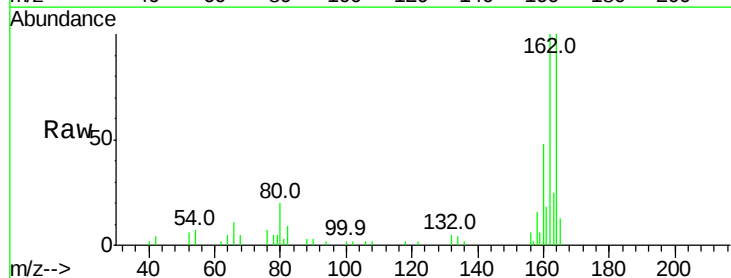


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

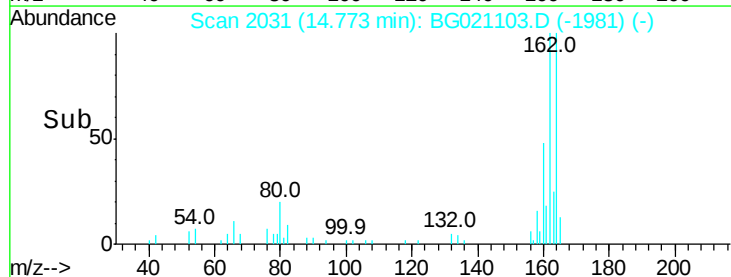
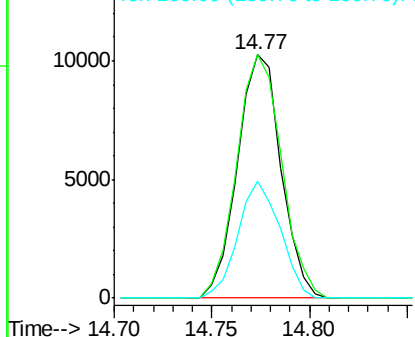


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.77 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BG021103.D
 Acq: 27 Feb 2016 7:17

Tgt Ion	164	Resp	15836
Ion Ratio	100	Lower	Upper
162	100.0	80.6	120.8
160	47.8	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

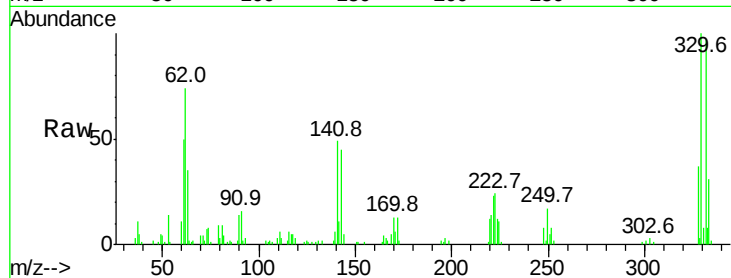




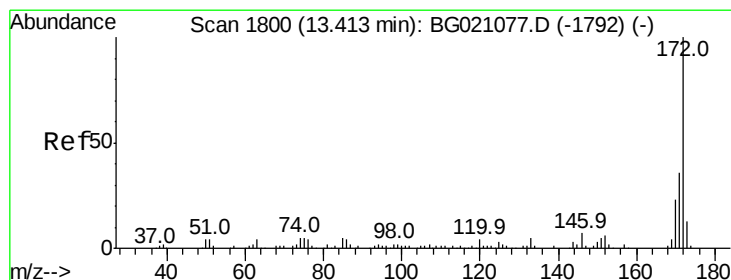
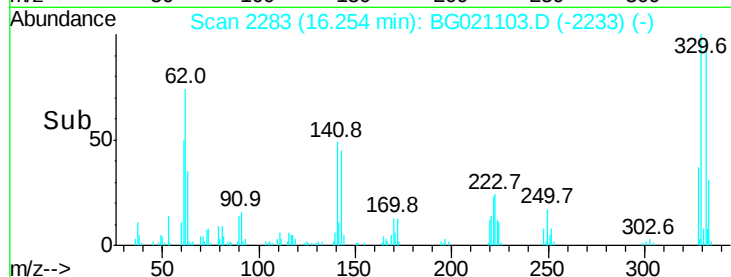
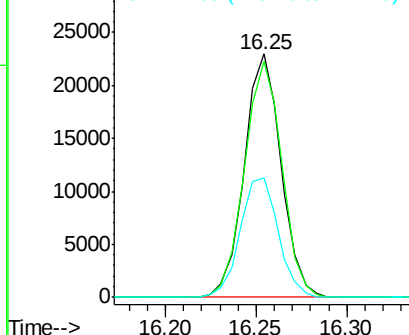
#41
 2,4,6-Tribromophenol
 Concen: 156.47 ng
 RT: 16.25 min Scan# 2283
 Delta R.T. -0.01 min
 Lab File: BG021103.D
 Acq: 27 Feb 2016 7:17

Instrument :
 BNA_G
 ClientSampleId :
 S-13

Tot Ion:330 Resp: 32488
 Ion Ratio Lower Upper
 330 100
 332 98.6 77.4 116.0
 141 50.8 35.3 52.9

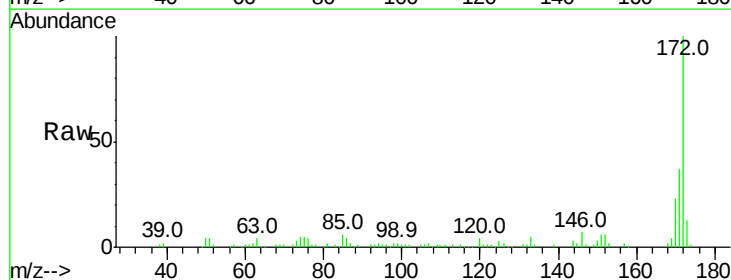


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

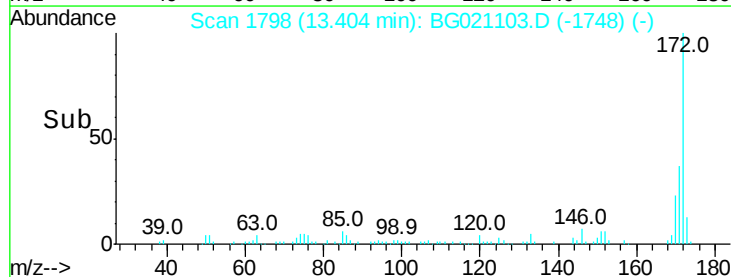
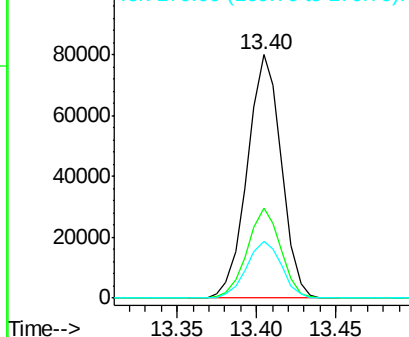


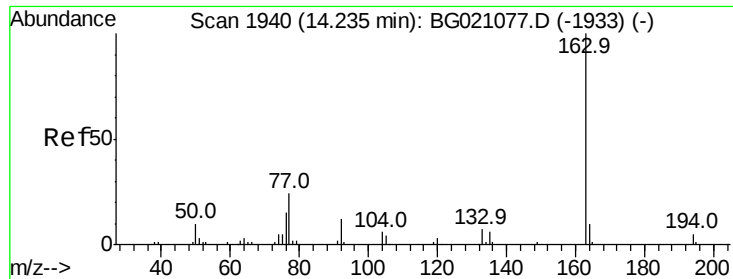
#44
 2-Fluorobiphenyl
 Concen: 96.13 ng
 RT: 13.40 min Scan# 1798
 Delta R.T. -0.01 min
 Lab File: BG021103.D
 Acq: 27 Feb 2016 7:17

Tgt Ion:172 Resp: 118962
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.0
 170 23.3 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: 11.68 ng

RT: 14.22 min Scan# 1937

Delta R.T. -0.01 min

Lab File: BG021103.D

Acq: 27 Feb 2016 7:17

Instrument :

BNA_G

ClientSampleId :

S-13

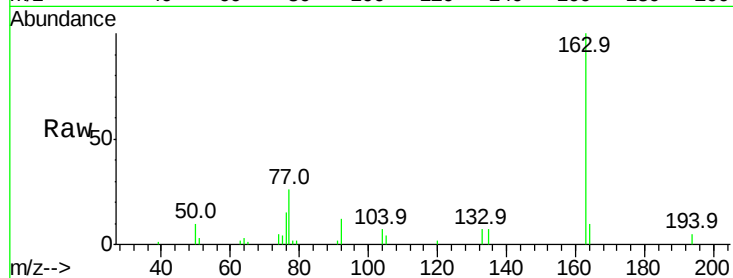
Tot Ion:163 Resp: 15947

Ion Ratio Lower Upper

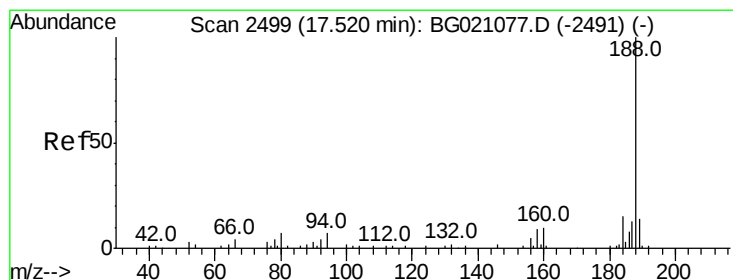
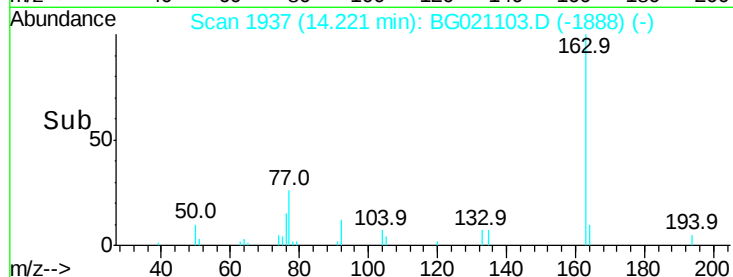
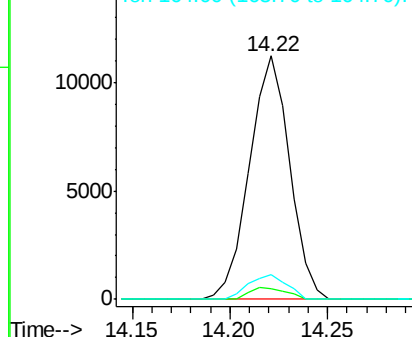
163 100

194 4.6 2.8 4.2#

164 10.1 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: BG021103.D

Acq: 27 Feb 2016 7:17

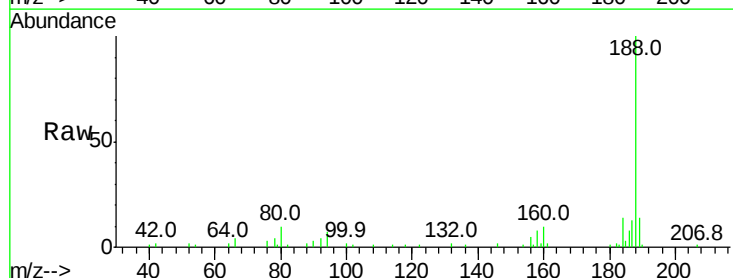
Tgt Ion:188 Resp: 39940

Ion Ratio Lower Upper

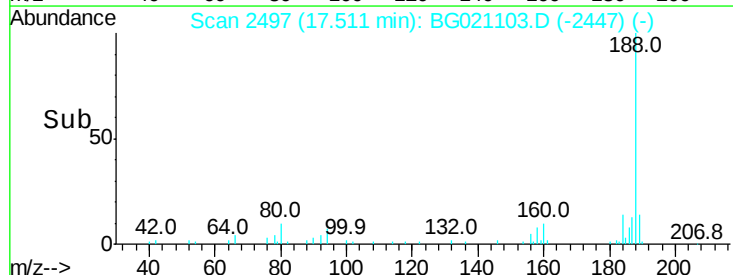
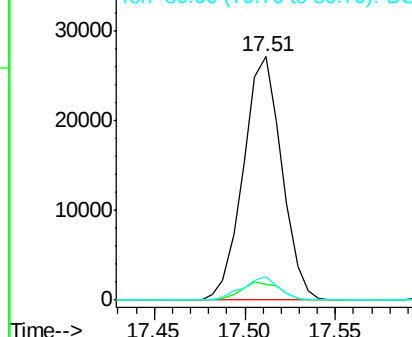
188 100

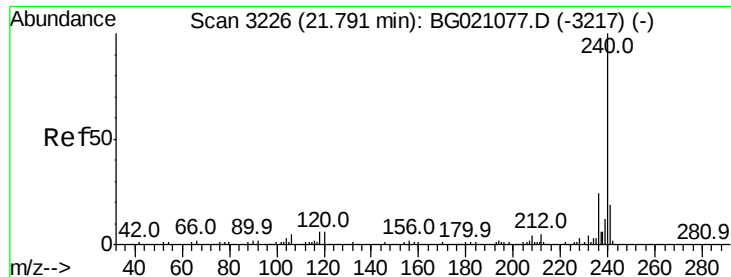
94 6.6 8.2 12.4#

80 9.6 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

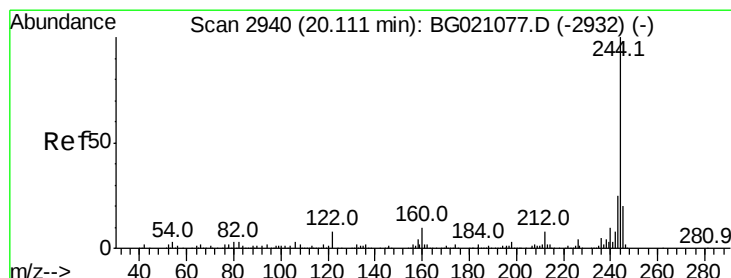
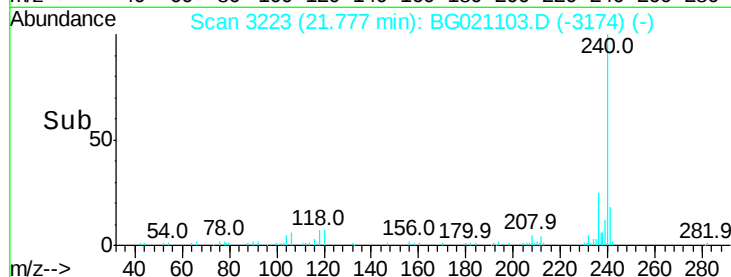
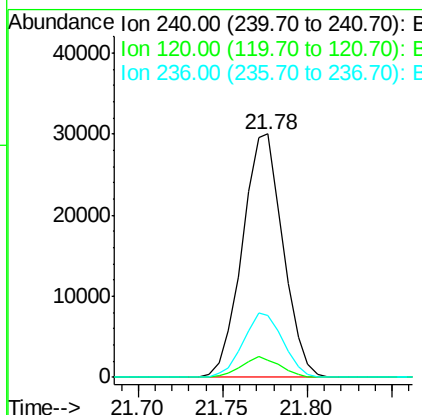
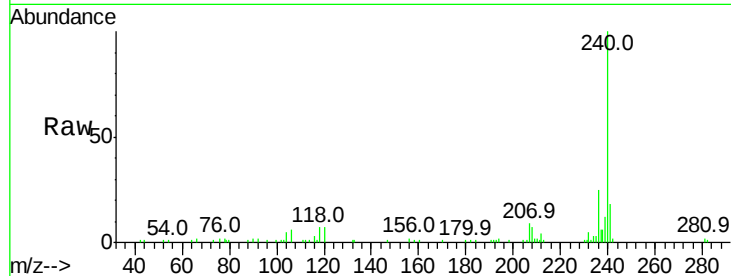




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.78 min Scan# 3223
Delta R.T. -0.01 min
Lab File: BG021103.D
Acq: 27 Feb 2016 7:17

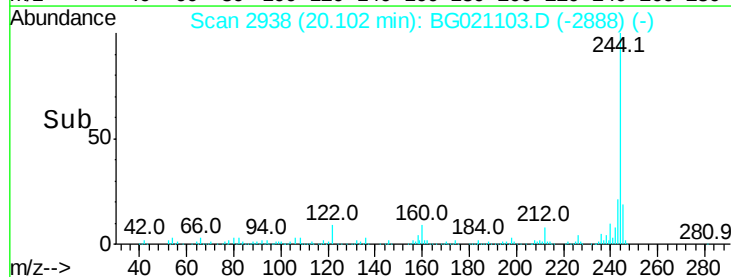
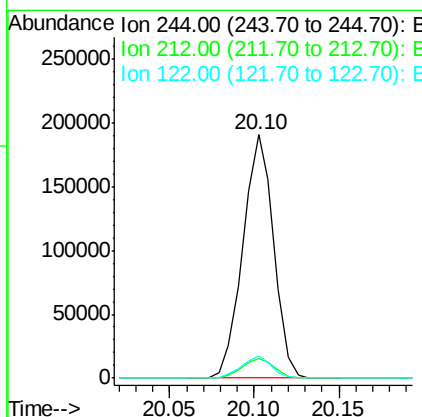
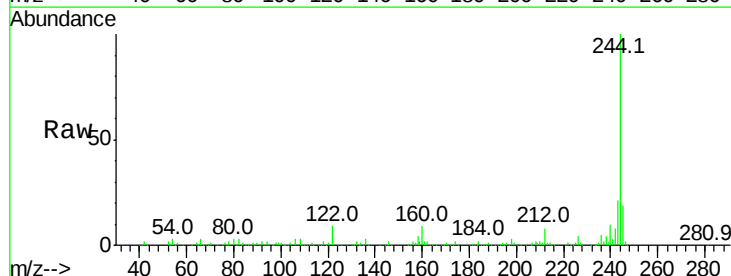
Instrument :
BNA_G
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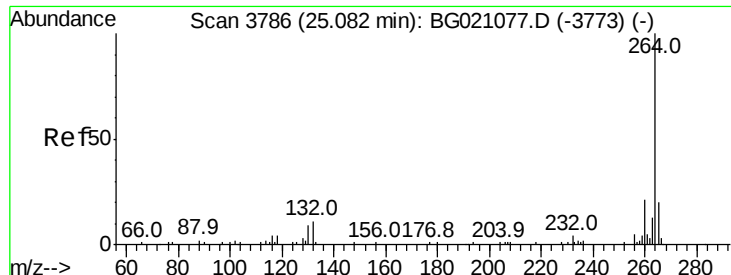
Tot Ion:240 Resp: 50144
Ion Ratio Lower Upper
240 100
120 6.8 7.5 11.3#
236 25.4 20.5 30.7



#78
Terphenyl-d14
Concen: 112.44 ng
RT: 20.10 min Scan# 2938
Delta R.T. -0.01 min
Lab File: BG021103.D
Acq: 27 Feb 2016 7:17

Tgt Ion:244 Resp: 241260
Ion Ratio Lower Upper
244 100
212 8.3 5.8 8.6
122 8.9 8.3 12.5

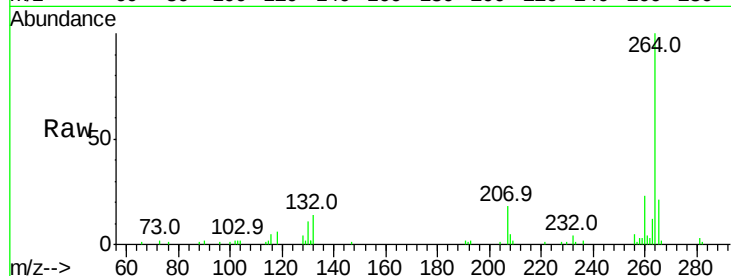




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.06 min Scan# 3782
 Delta R.T. -0.02 min
 Lab File: BG021103.D
 Acq: 27 Feb 2016 7:17

Instrument :
 BNA_G
 ClientSampleId :
 S-13

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.5	27.7
265	20.8	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

