

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022616\
 Data File : BG021090.D
 Acq On : 26 Feb 2016 22:46
 Operator : UM/SJ
 Sample : H1558-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S5

Quant Time: Feb 27 01:18:50 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

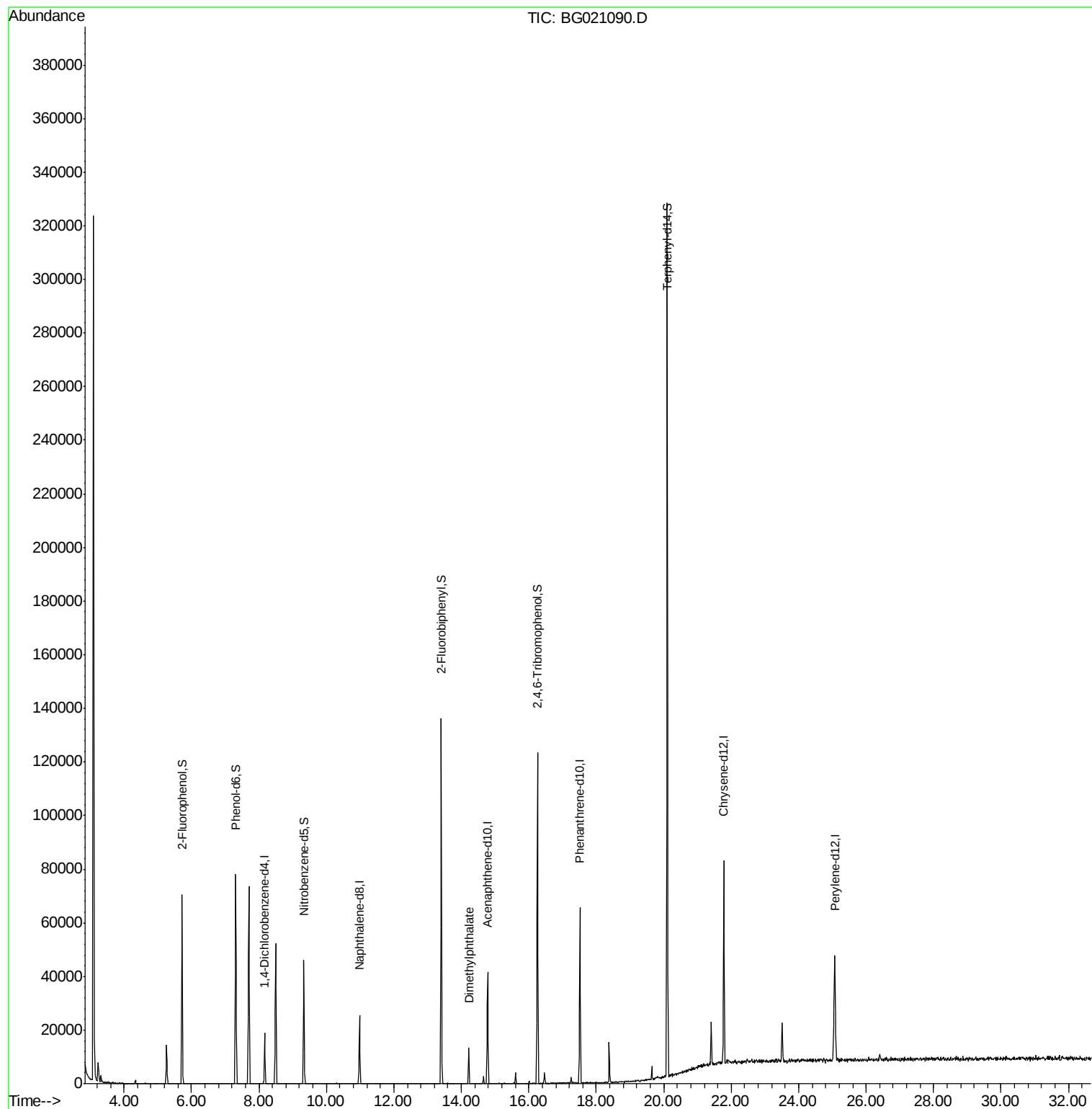
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	5212	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	21797	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	14415	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	38801	20.00	ng	0.00
75) Chrysene-d12	21.78	240	48255	20.00	ng	-0.01
86) Perylene-d12	25.07	264	44051	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.73	112	28273	94.97	ng	0.00
7) Phenol-d6	7.31	99	40739	91.96	ng	-0.01
23) Nitrobenzene-d5	9.33	82	28048	61.31	ng	-0.01
41) 2,4,6-Tribromophenol	16.25	330	18494	97.85	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	66191	58.76	ng	0.00
78) Terphenyl-d14	20.10	244	134172	64.98	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.22	163	8421	6.78	ng	# 99

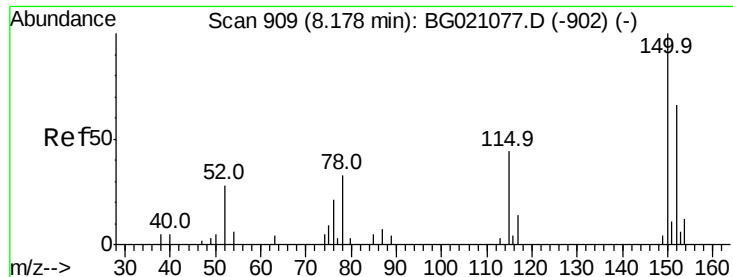
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG021090.D

Acq: 26 Feb 2016 22:46

Instrument :

BNA_G

ClientSampled :

S5

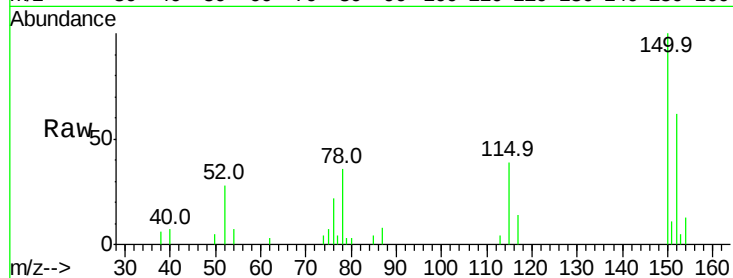
Tot Ion:152 Resp: 5212

Ion Ratio Lower Upper

152 100

150 160.0 123.4 185.2

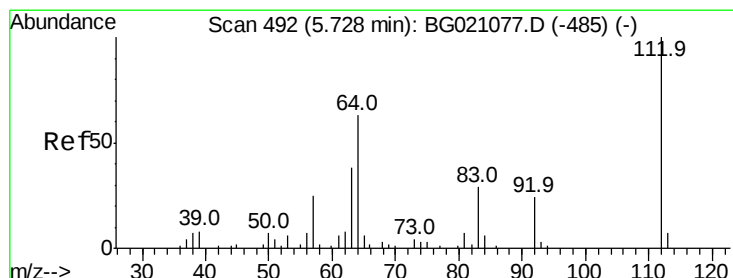
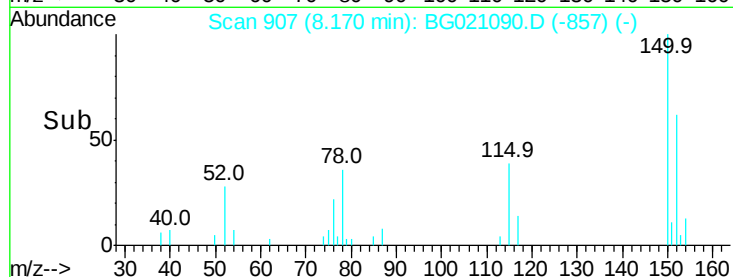
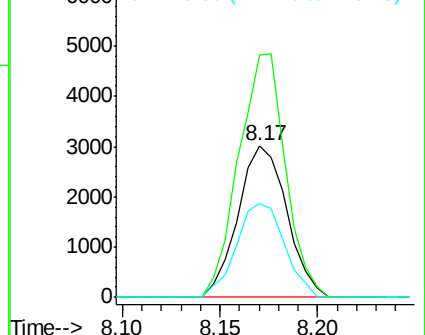
115 62.3 43.3 64.9



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: 94.97 ng

RT: 5.73 min Scan# 491

Delta R.T. -0.00 min

Lab File: BG021090.D

Acq: 26 Feb 2016 22:46

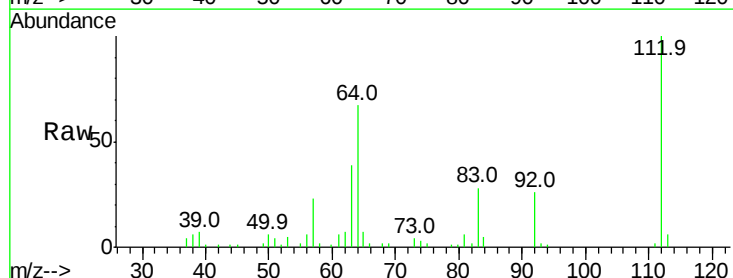
Tgt Ion:112 Resp: 28273

Ion Ratio Lower Upper

112 100

64 66.7 42.6 63.8#

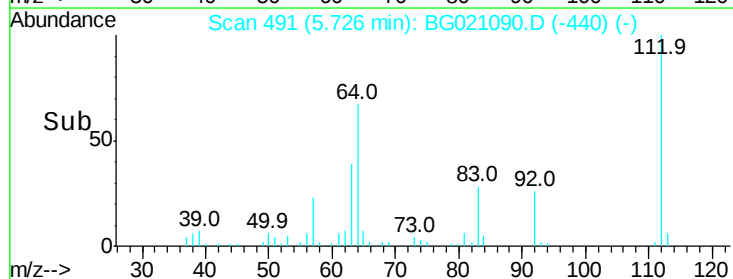
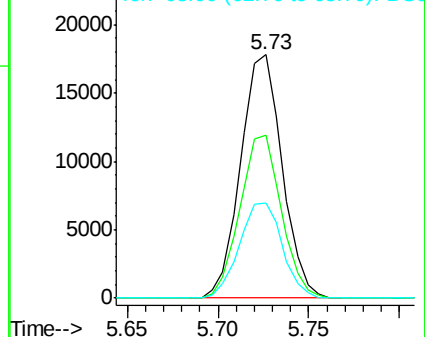
63 39.3 21.7 32.5#

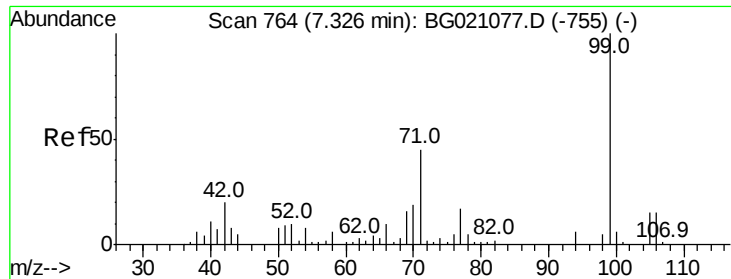


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 91.96 ng

RT: 7.31 min Scan# 761

Delta R.T. -0.01 min

Lab File: BG021090.D

Acq: 26 Feb 2016 22:46

Instrument :

BNA_G

ClientSampleId :

S5

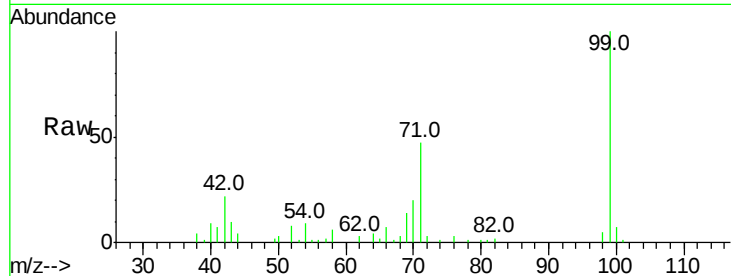
Tot Ion: 99 Resp: 40739

Ion Ratio Lower Upper

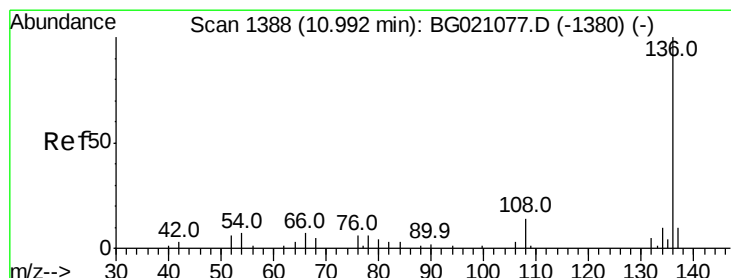
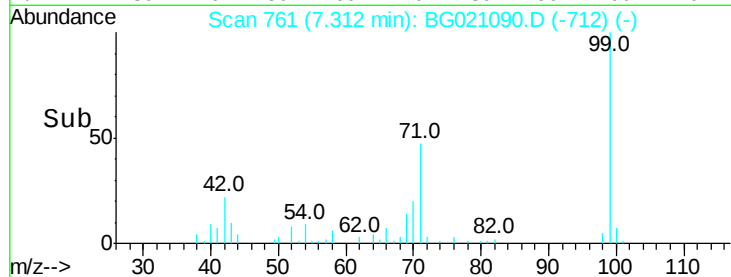
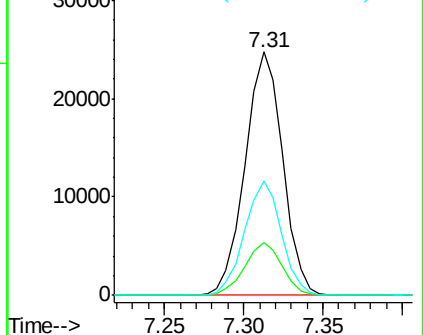
99 100

42 21.7 13.2 19.8#

71 47.0 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: BG021090.D

Acq: 26 Feb 2016 22:46

Tgt Ion: 136 Resp: 21797

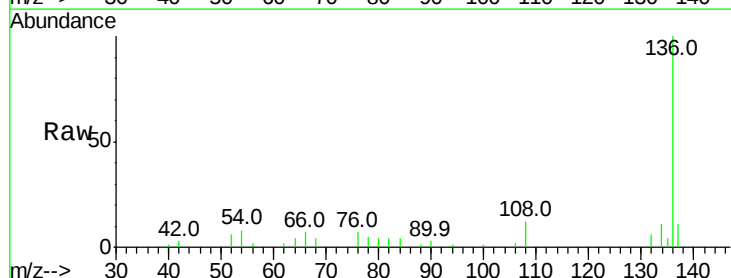
Ion Ratio Lower Upper

136 100

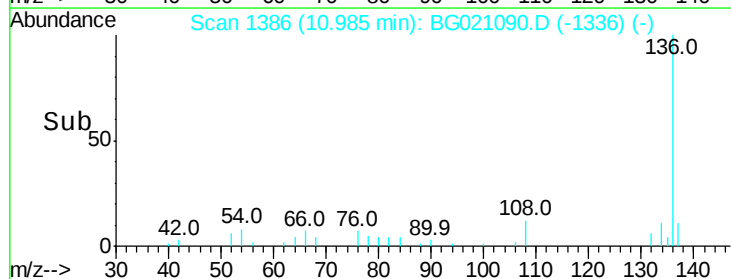
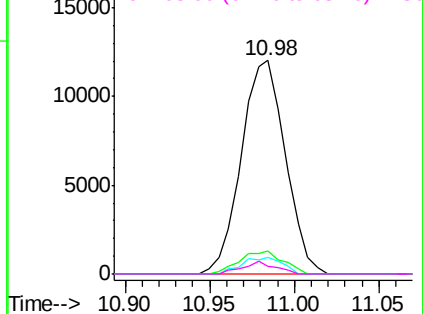
137 10.8 8.8 13.2

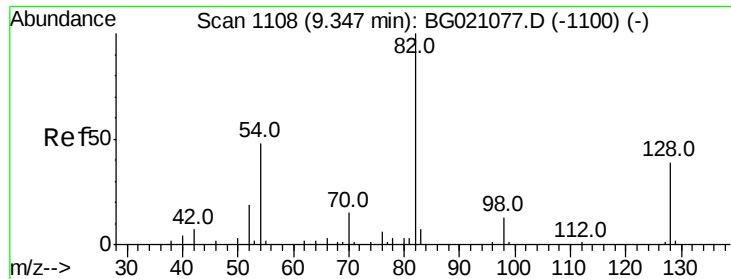
54 7.7 6.9 10.3

68 3.7 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

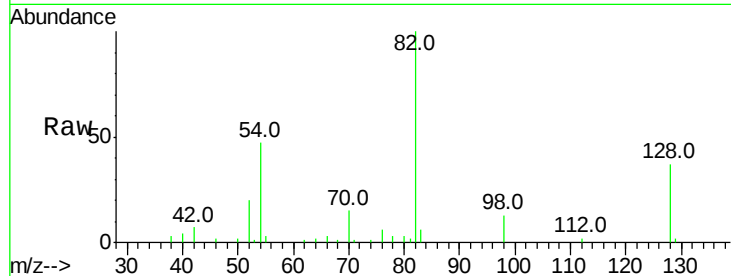




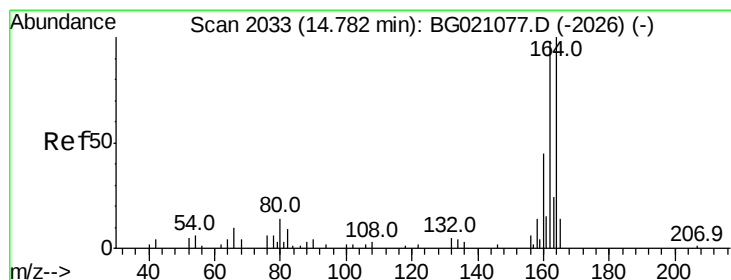
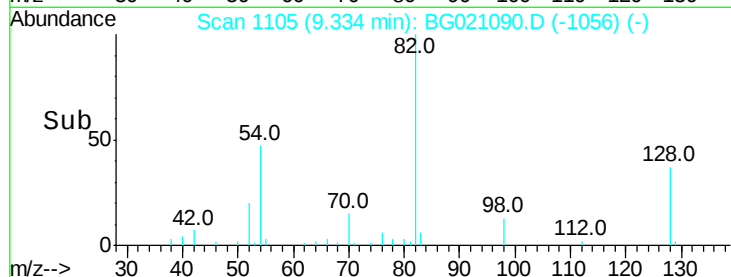
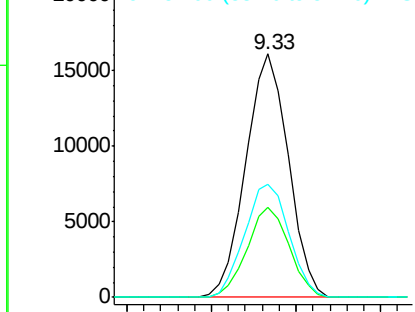
#23
 Nitrobenzene-d5
 Concen: 61.31 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. -0.01 min
 Lab File: BG021090.D
 Acq: 26 Feb 2016 22:46

Instrument :
 BNA_G
 ClientSampled :
 S5

Tot Ion: 82 Resp: 28048
 Ion Ratio Lower Upper
 82 100
 128 37.0 36.3 54.5
 54 46.7 37.6 56.4

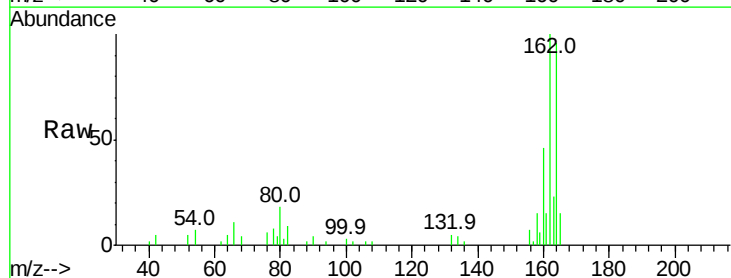


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

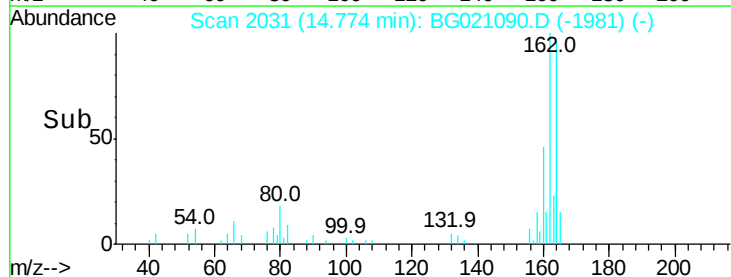
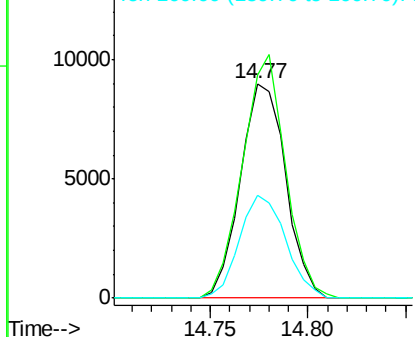


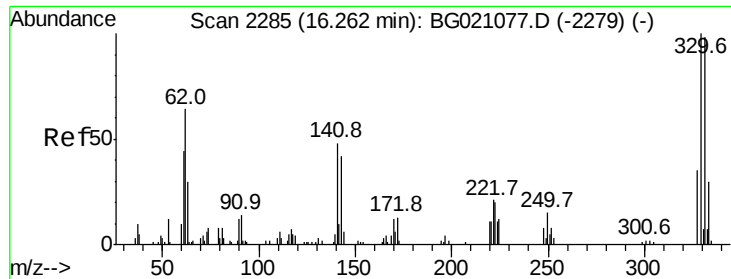
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.77 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BG021090.D
 Acq: 26 Feb 2016 22:46

Tgt Ion: 164 Resp: 14415
 Ion Ratio Lower Upper
 164 100
 162 104.3 80.6 120.8
 160 47.9 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

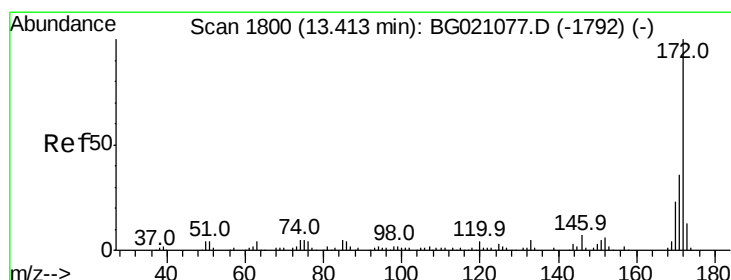
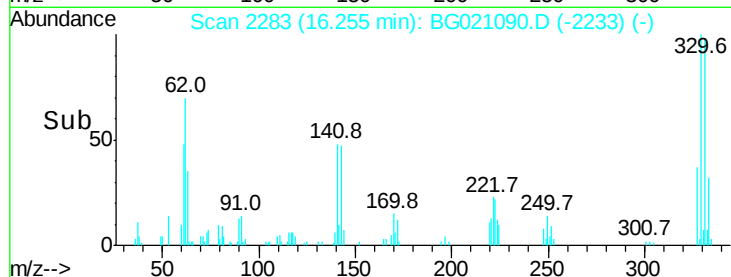
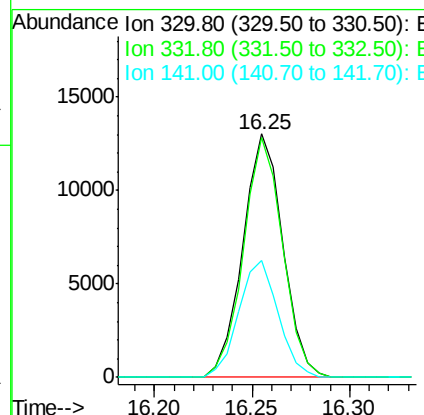
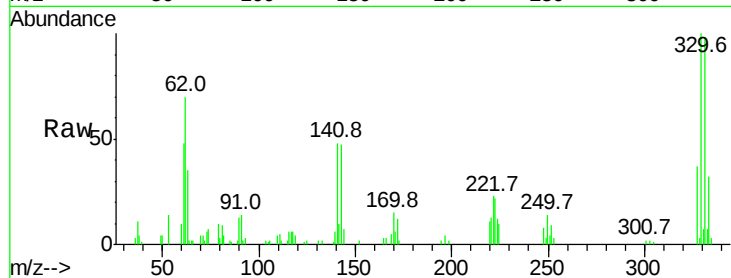




#41
 2,4,6-Tribromophenol
 Concen: 97.85 ng
 RT: 16.25 min Scan# 2283
 Delta R.T. -0.01 min
 Lab File: BG021090.D
 Acq: 26 Feb 2016 22:46

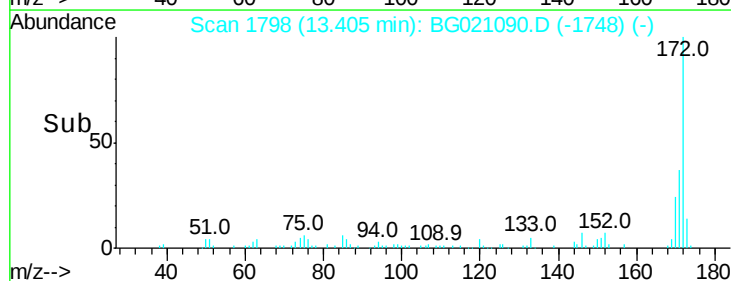
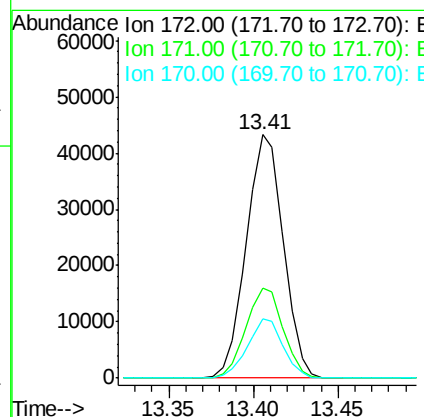
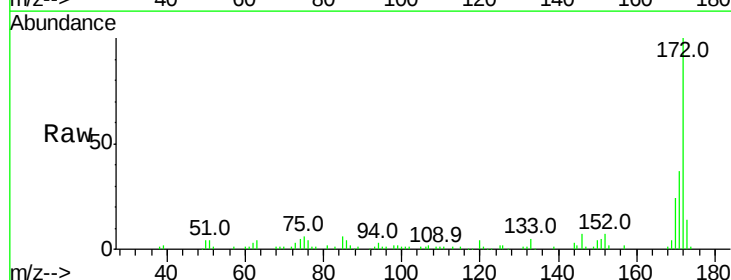
Instrument :
 BNA_G
 ClientSampled :
 S5

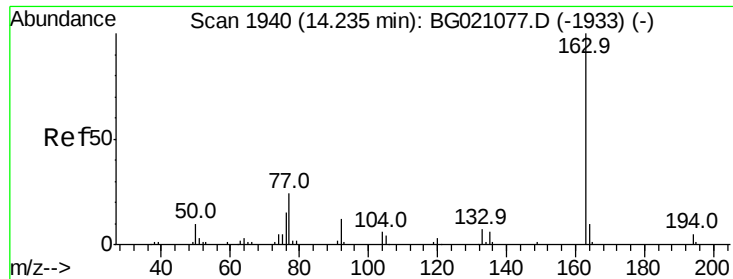
Tot Ion:330 Resp: 18494
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.4 116.0
 141 47.4 35.3 52.9



#44
 2-Fluorobiphenyl
 Concen: 58.76 ng
 RT: 13.41 min Scan# 1798
 Delta R.T. -0.01 min
 Lab File: BG021090.D
 Acq: 26 Feb 2016 22:46

Tgt Ion:172 Resp: 66191
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.4 44.0
 170 24.2 19.8 29.8





#49

Dimethylphthalate

Concen: 6.78 ng

RT: 14.22 min Scan# 1937

Delta R.T. -0.01 min

Lab File: BG021090.D

Acq: 26 Feb 2016 22:46

Instrument :

BNA_G

ClientSampleId :

S5

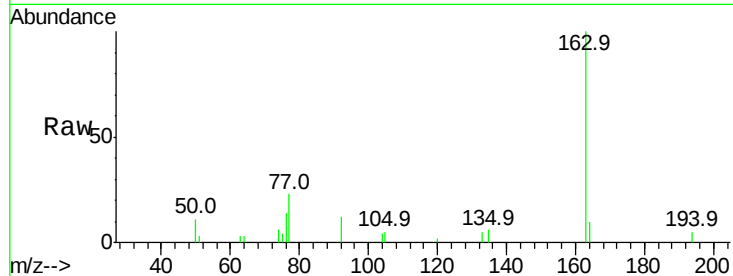
Tot Ion:163 Resp: 8421

Ion Ratio Lower Upper

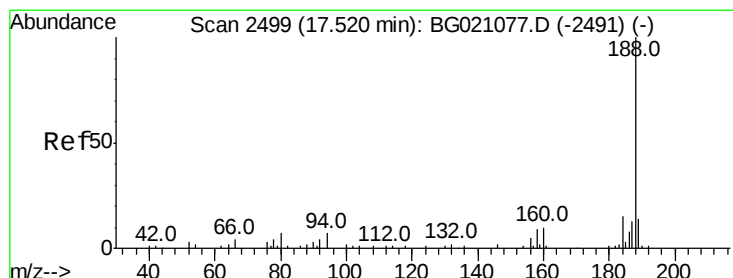
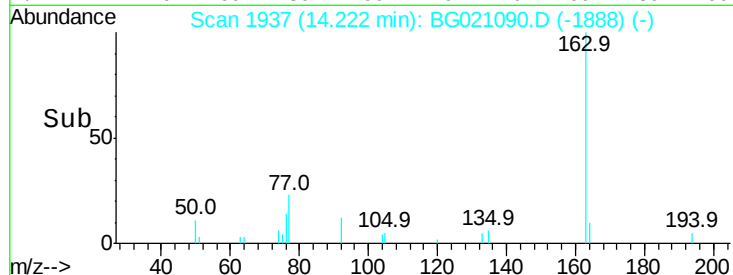
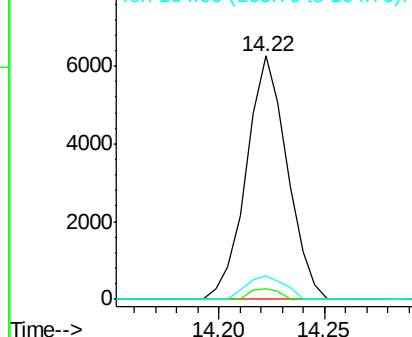
163 100

194 4.5 2.8 4.2#

164 9.8 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: BG021090.D

Acq: 26 Feb 2016 22:46

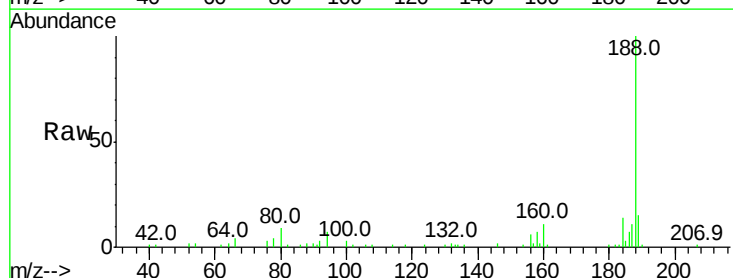
Tgt Ion:188 Resp: 38801

Ion Ratio Lower Upper

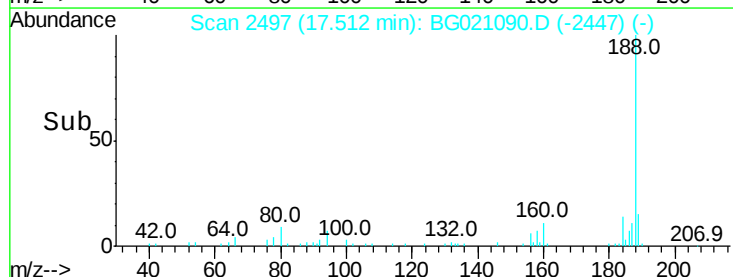
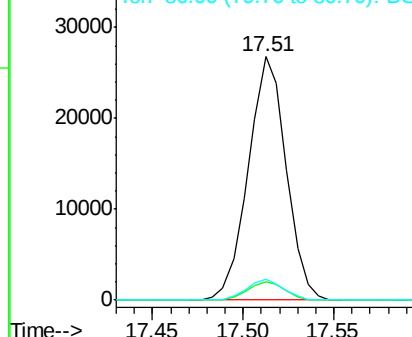
188 100

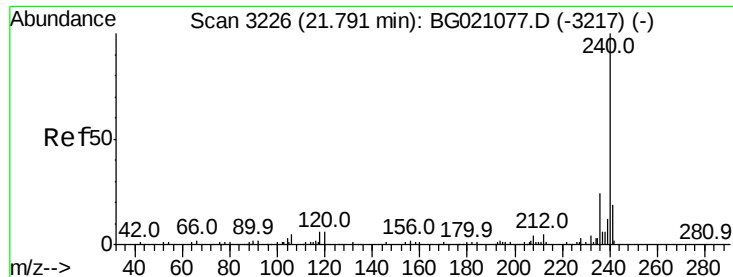
94 7.5 8.2 12.4#

80 8.5 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: BG021090.D

Acq: 26 Feb 2016 22:46

Instrument :

BNA_G

ClientSampleId :

S5

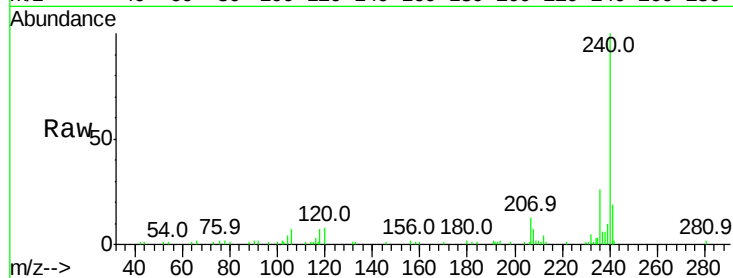
Tot Ion:240 Resp: 48255

Ion Ratio Lower Upper

240 100

120 8.4 7.5 11.3

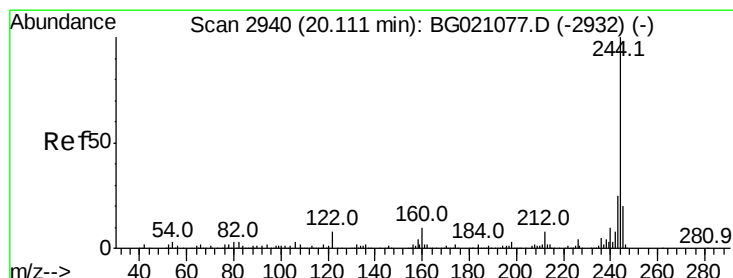
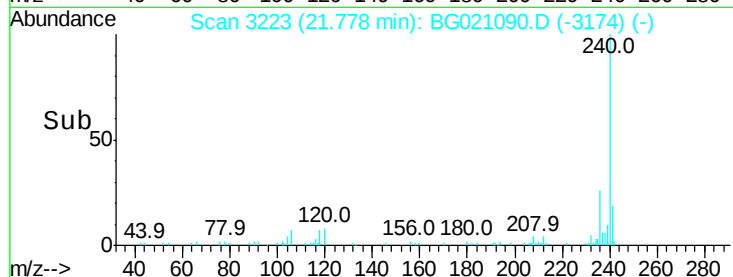
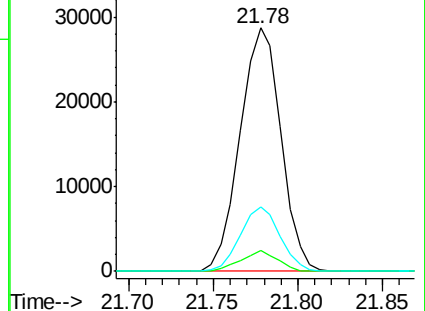
236 26.3 20.5 30.7



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: 64.98 ng

RT: 20.10 min Scan# 2938

Delta R.T. -0.01 min

Lab File: BG021090.D

Acq: 26 Feb 2016 22:46

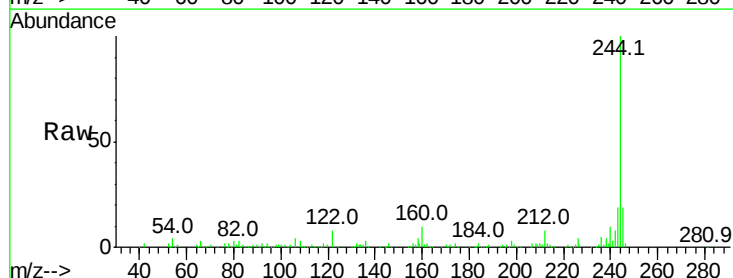
Tgt Ion:244 Resp: 134172

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.6

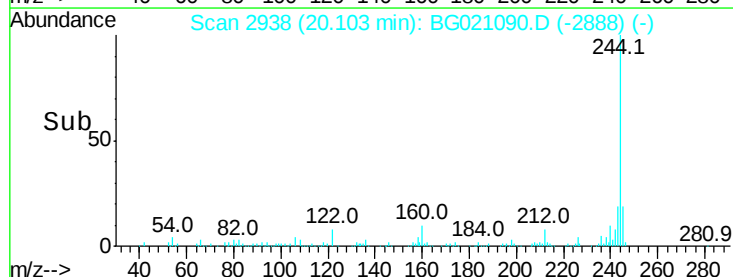
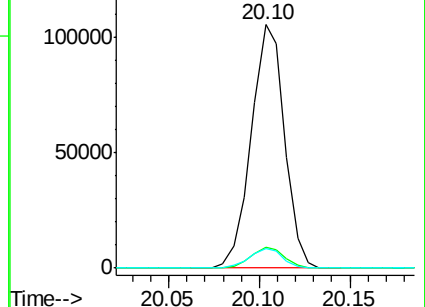
122 8.3 8.3 12.5#

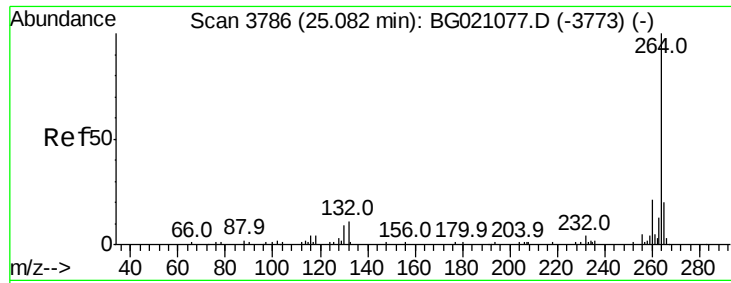


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

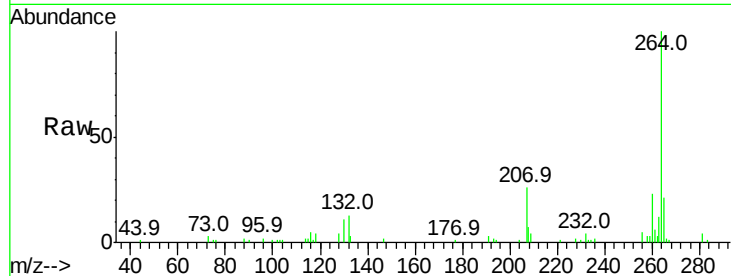




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.07 min Scan# 3783
 Delta R.T. -0.01 min
 Lab File: BG021090.D
 Acq: 26 Feb 2016 22:46

Instrument :
 BNA_G
 ClientSampleId :
 S5

Tot Ion:	264	Resp:	44051
Ion	Ratio	Lower	Upper
264	100		
260	23.2	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

