

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022416\
 Data File : BG021069.D
 Acq On : 25 Feb 2016 2:30
 Operator : UM/SJ
 Sample : H1521-19
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 25 03:33:24 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

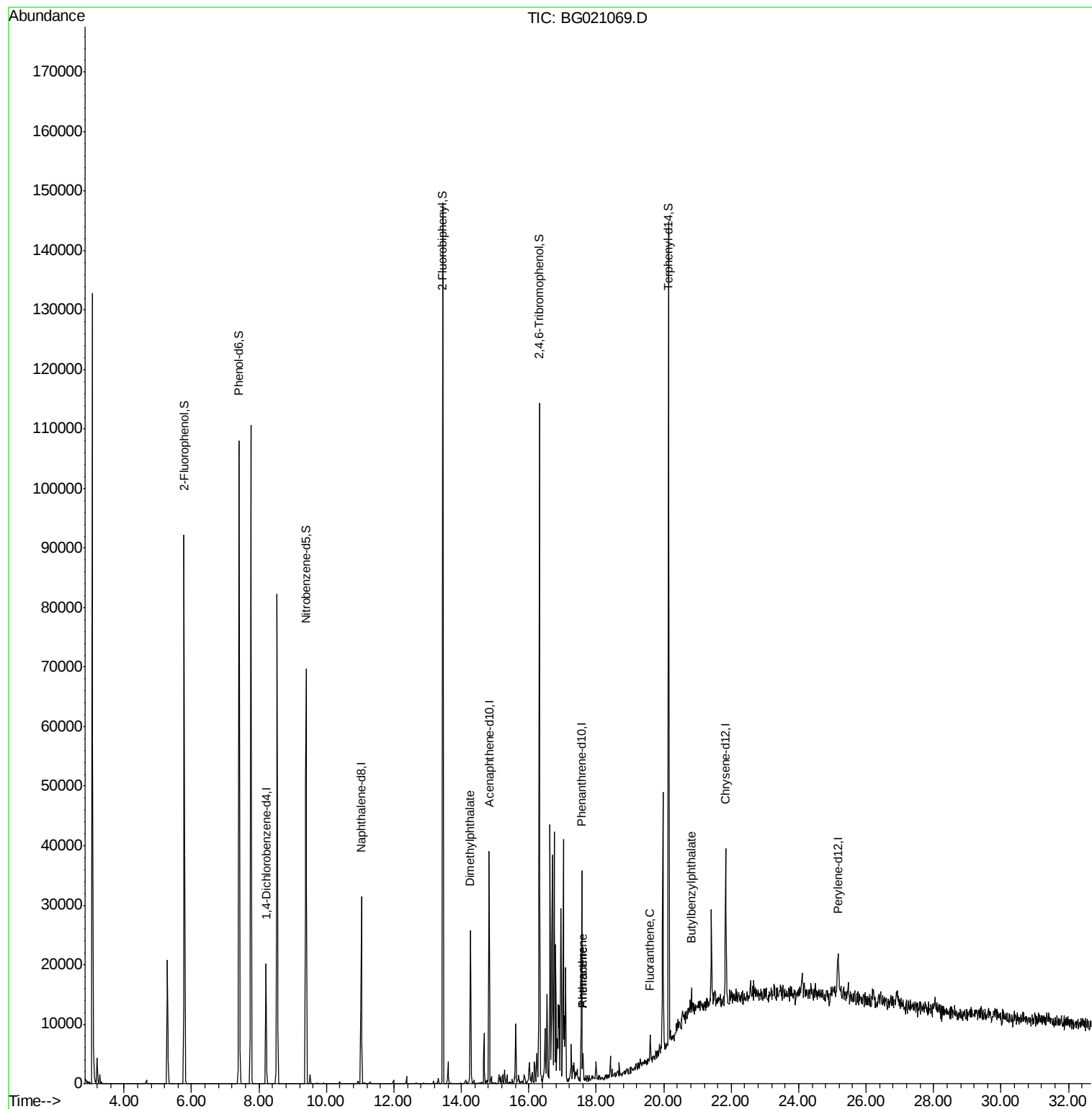
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	6020	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	28863	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	13220	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	21077	20.00	ng	0.00
75) Chrysene-d12	21.84	240	16284	20.00	ng	0.00
86) Perylene-d12	25.16	264	10084	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	44685	130.14	ng	0.00
7) Phenol-d6	7.41	99	67420	127.49	ng	0.00
23) Nitrobenzene-d5	9.39	82	44686	90.90	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	19226	121.40	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	74416	78.36	ng	0.00
78) Terphenyl-d14	20.14	244	53030	42.26	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.28	163	17089	15.85	ng	Qvalue # 99
70) Phenanthrene	17.60	178	3373	2.83	ng	95
71) Anthracene	17.60	178	3373	2.84	ng	97
74) Fluoranthene	19.60	202	3111	2.59	ng	96
79) Butylbenzylphthalate	20.82	149	1616	2.46	ng	# 76

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

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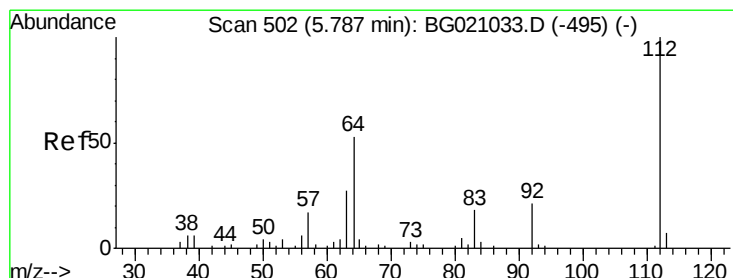
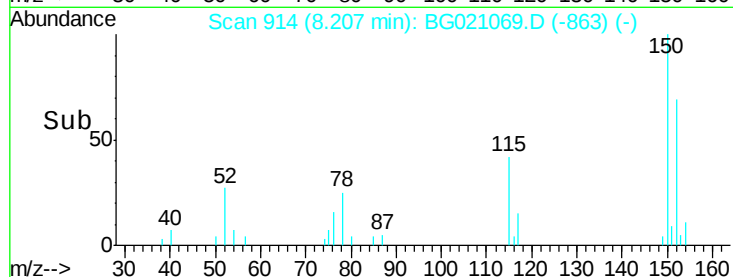
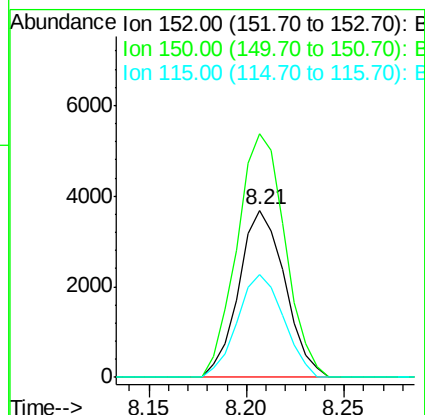
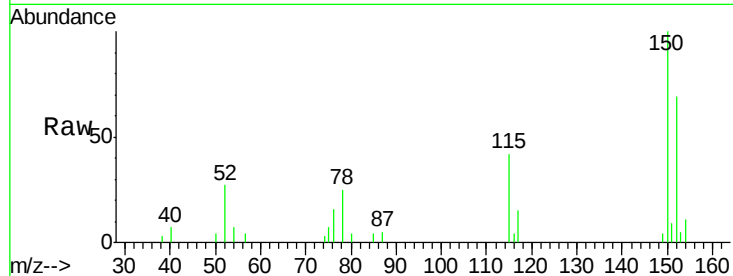




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.21 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BG021069.D
 Acq: 25 Feb 2016 2:30

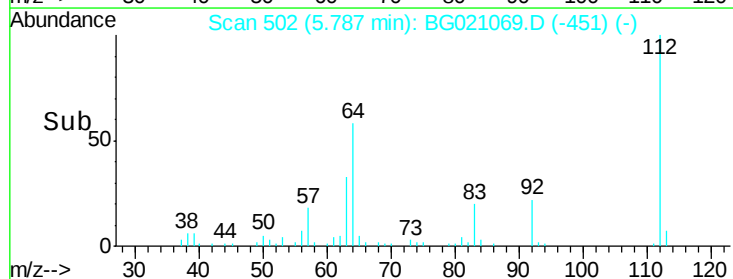
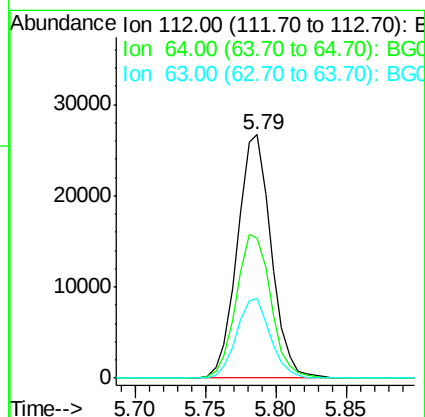
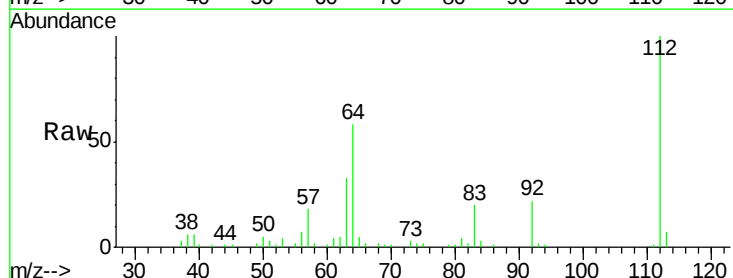
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 6020
 Ion Ratio Lower Upper
 152 100
 150 145.7 123.4 185.2
 115 61.8 43.3 64.9



#5
 2-Fluorophenol
 Concen: 130.14 ng
 RT: 5.79 min Scan# 502
 Delta R.T. -0.00 min
 Lab File: BG021069.D
 Acq: 25 Feb 2016 2:30

Tgt Ion:112 Resp: 44685
 Ion Ratio Lower Upper
 112 100
 64 57.7 42.6 63.8
 63 32.8 21.7 32.5#





#7

Phenol-d6

Concen: 127.49 ng

RT: 7.41 min Scan# 778

Delta R.T. -0.01 min

Lab File: BG021069.D

Acq: 25 Feb 2016 2:30

Instrument :

BNA_G

ClientSampled :

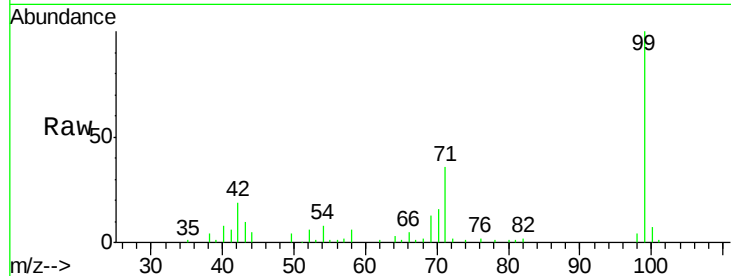
Tot Ion: 99 Resp: 67420

Ion Ratio Lower Upper

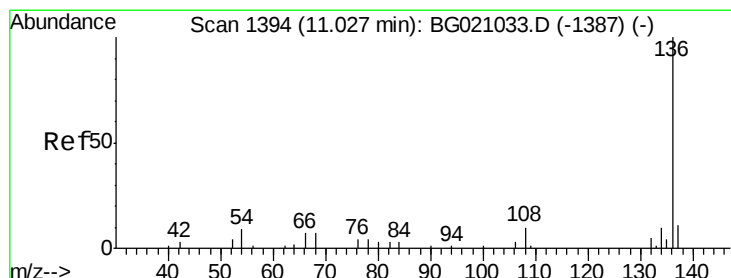
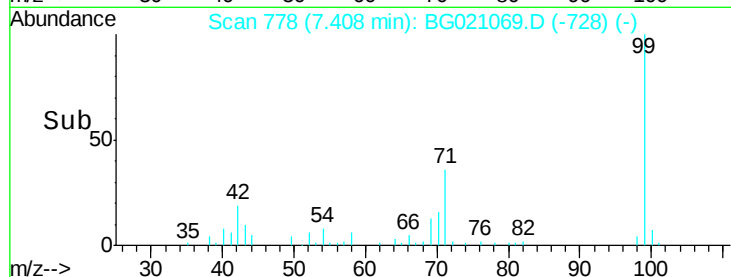
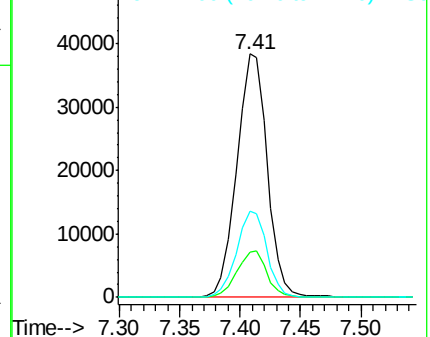
99 100

42 18.8 13.2 19.8

71 35.6 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# 1395

Delta R.T. 0.01 min

Lab File: BG021069.D

Acq: 25 Feb 2016 2:30

Tgt Ion: 136 Resp: 28863

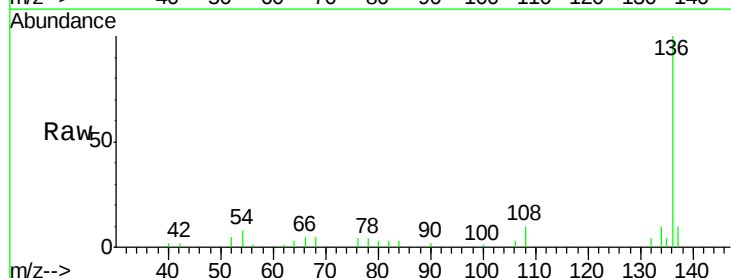
Ion Ratio Lower Upper

136 100

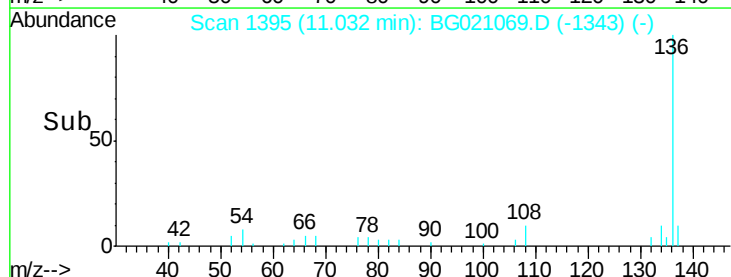
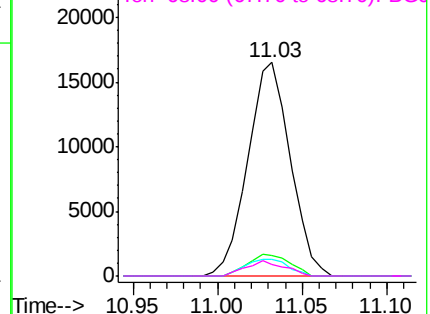
137 9.5 8.8 13.2

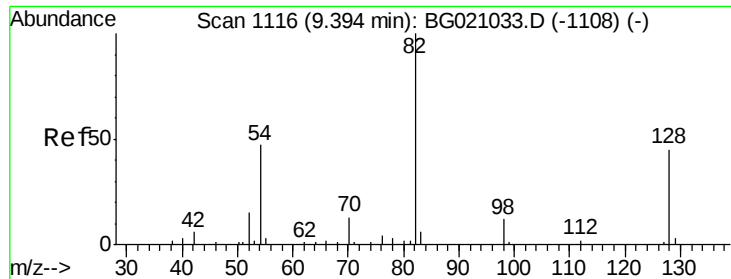
54 7.6 6.9 10.3

68 5.3 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

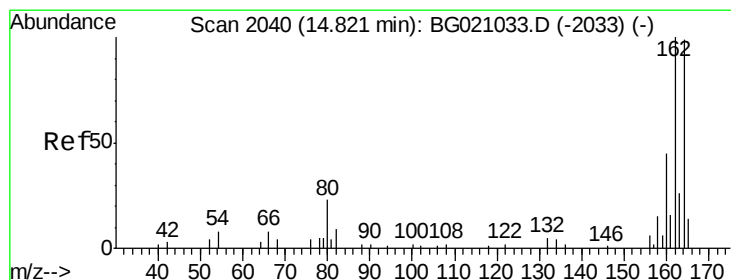
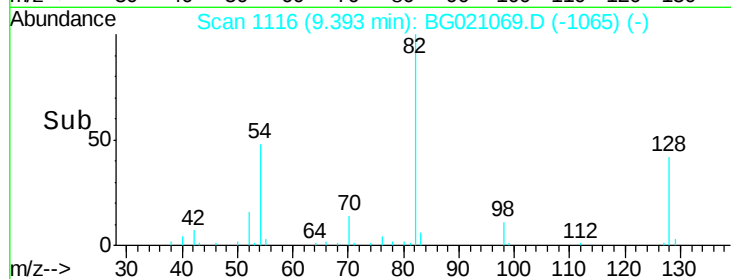
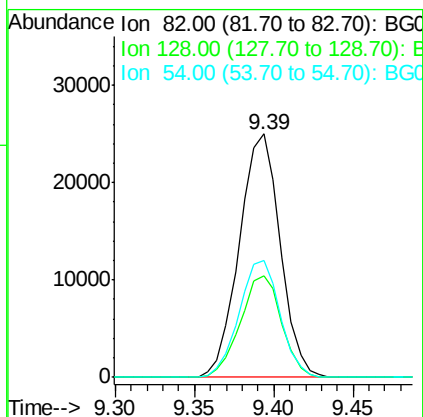
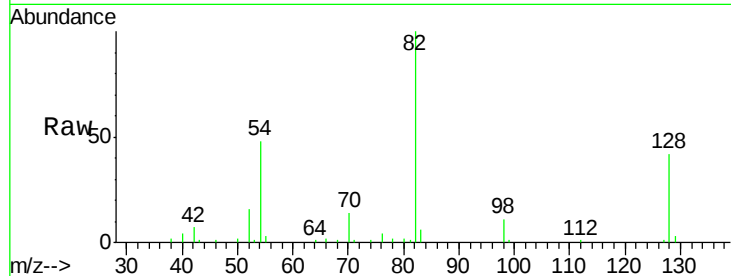




#23
Nitrobenzene-d5
Concen: 90.90 ng
RT: 9.39 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BG021069.D
Acq: 25 Feb 2016 2:30

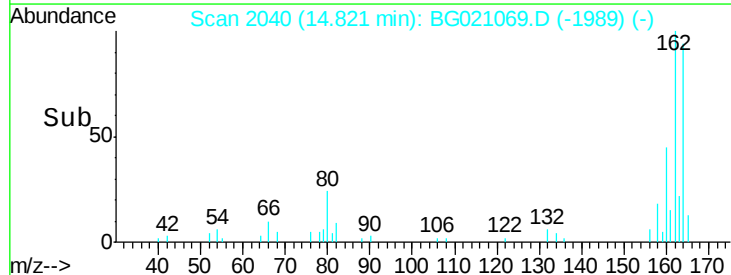
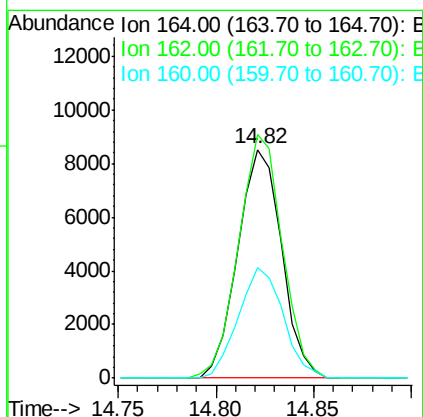
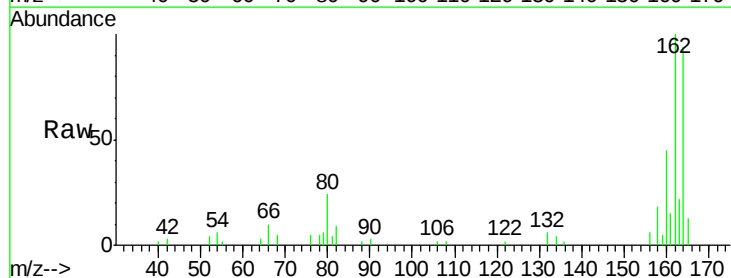
Instrument :
BNA_G
ClientSampleId :

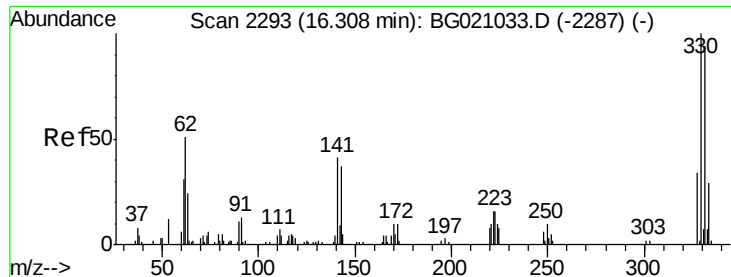
Tot Ion	82	Resp	44686
Ion Ratio	Lower	Upper	
82	100		
128	41.6	36.3	54.5
54	48.1	37.6	56.4



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG021069.D
Acq: 25 Feb 2016 2:30

Tgt Ion	164	Resp	13220
Ion Ratio	Lower	Upper	
164	100		
162	106.5	80.6	120.8
160	48.1	36.5	54.7

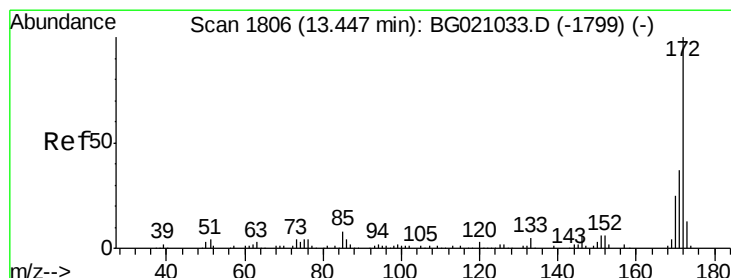
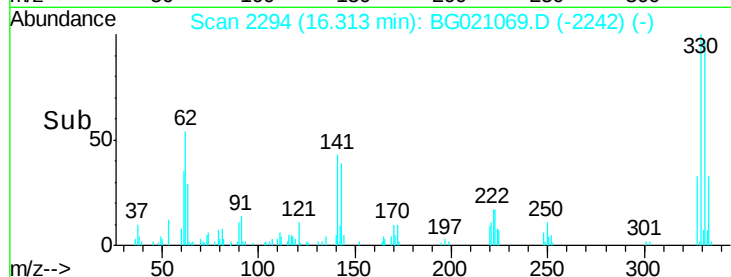
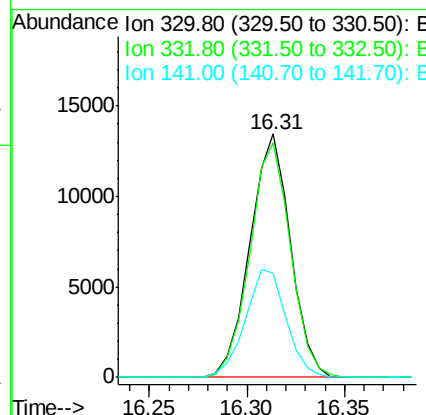
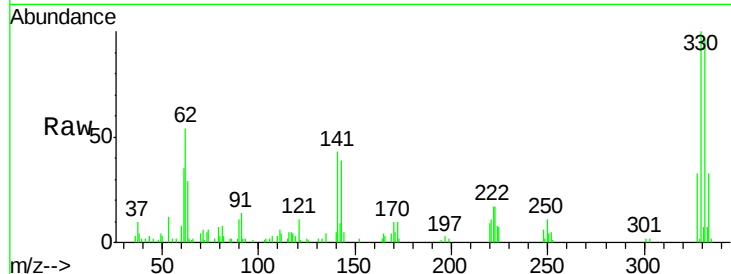




#41
 2,4,6-Tribromophenol
 Concen: 121.40 ng
 RT: 16.31 min Scan# 2294
 Delta R.T. 0.01 min
 Lab File: BG021069.D
 Acq: 25 Feb 2016 2:30

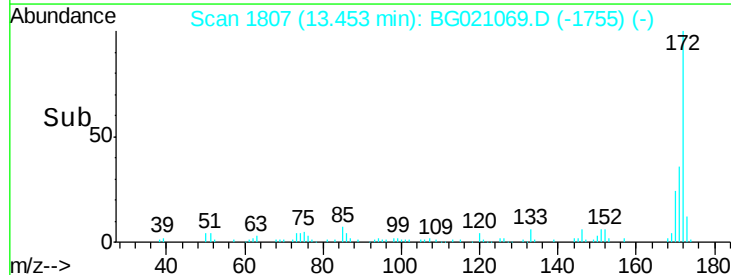
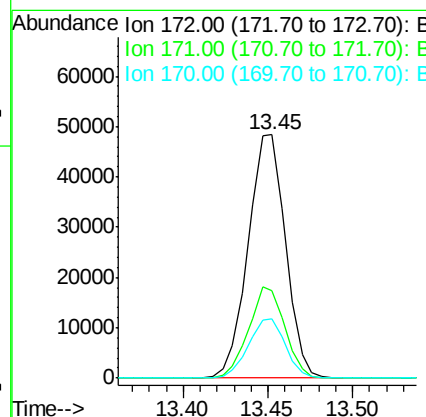
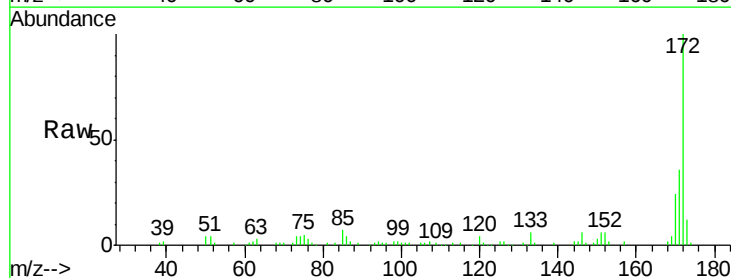
Instrument :
 BNA_G
 ClientSampleId :

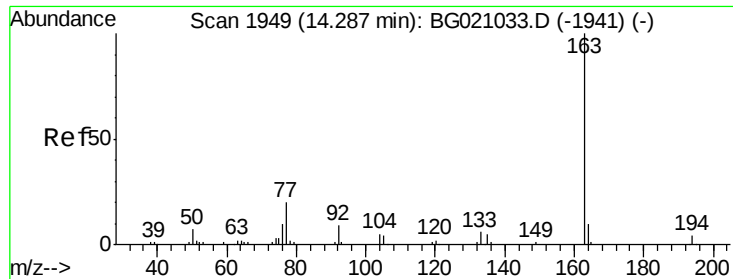
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.4	116.0
141	44.8	35.3	52.9



#44
 2-Fluorobiphenyl
 Concen: 78.36 ng
 RT: 13.45 min Scan# 1807
 Delta R.T. 0.01 min
 Lab File: BG021069.D
 Acq: 25 Feb 2016 2:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	24.1	19.8	29.8





#49

Dimethylphthalate

Concen: 15.85 ng

RT: 14.28 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG021069.D

Acq: 25 Feb 2016 2:30

Instrument :

BNA_G

ClientSampleId :

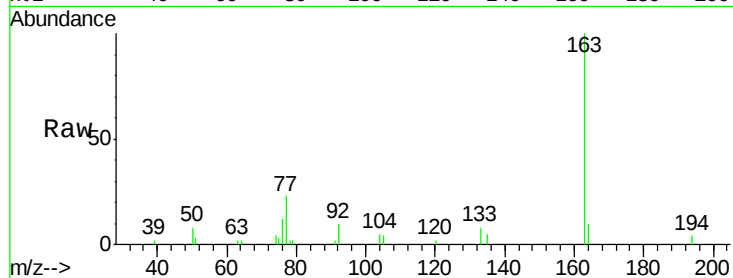
Tot Ion:163 Resp: 17089

Ion Ratio Lower Upper

163 100

194 4.2 2.8 4.2#

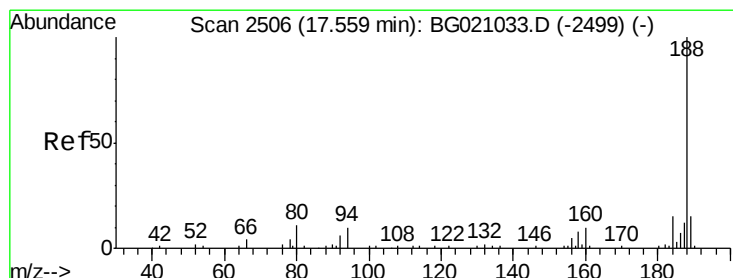
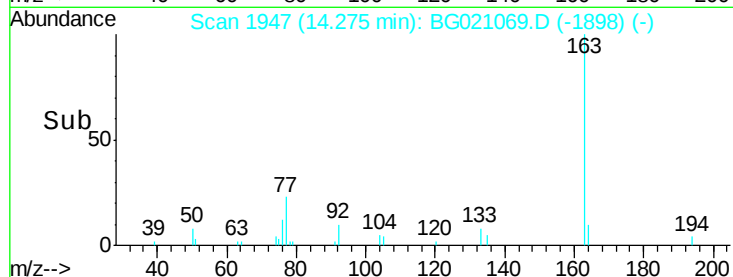
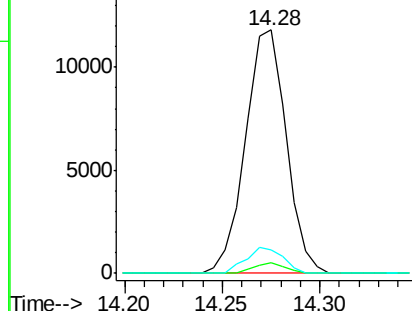
164 9.9 7.9 11.9



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: 17.56 min Scan# 2507

Delta R.T. 0.01 min

Lab File: BG021069.D

Acq: 25 Feb 2016 2:30

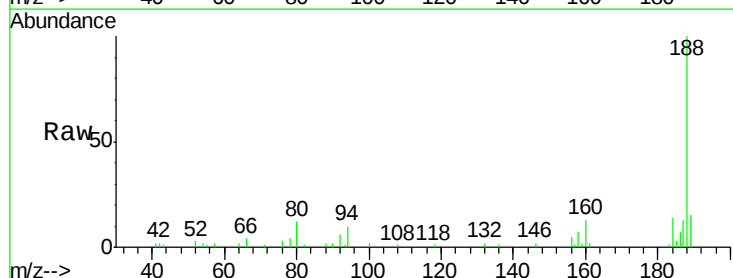
Tgt Ion:188 Resp: 21077

Ion Ratio Lower Upper

188 100

94 9.8 8.2 12.4

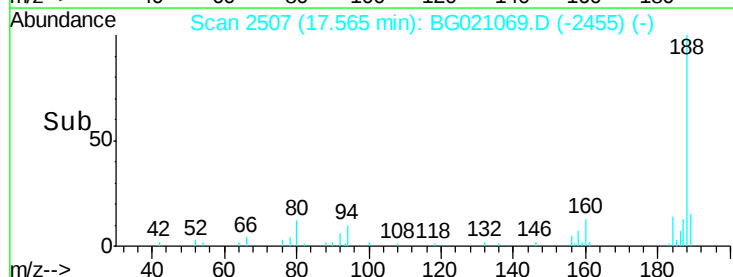
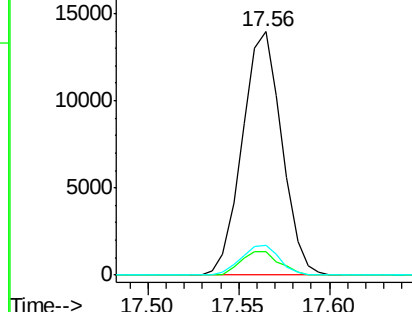
80 12.2 9.2 13.8

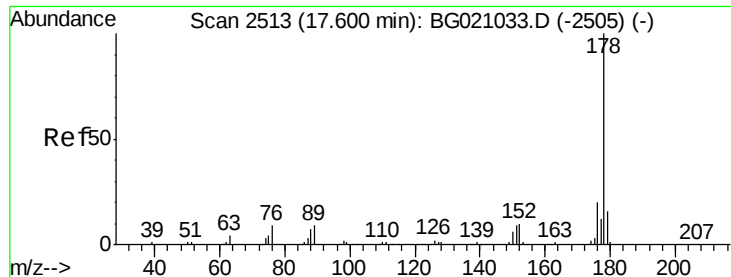


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#70

Phenanthrene

Concen: 2.83 ng

RT: 17.60 min Scan# 2513

Delta R.T. -0.00 min

Lab File: BG021069.D

Acq: 25 Feb 2016 2:30

Instrument :

BNA_G

ClientSampleId :

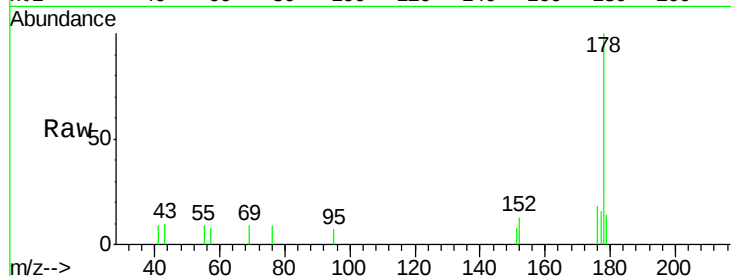
Tot Ion:178 Resp: 3373

Ion Ratio Lower Upper

178 100

176 17.8 16.2 24.4

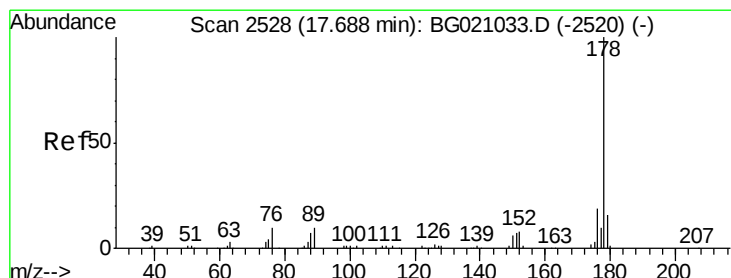
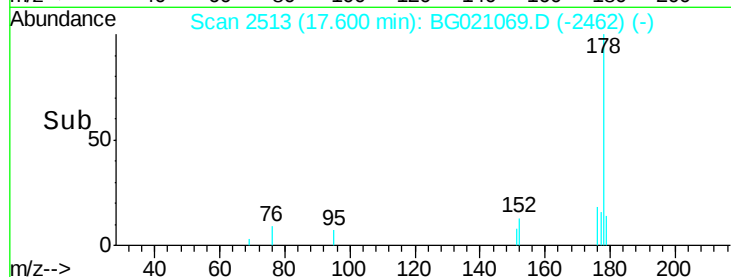
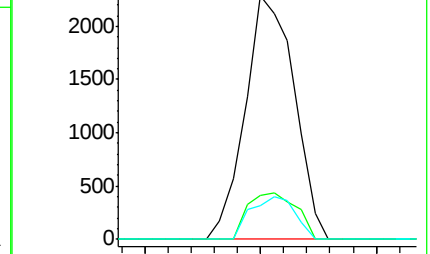
179 14.0 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 2.84 ng

RT: 17.60 min Scan# 2513

Delta R.T. -0.09 min

Lab File: BG021069.D

Acq: 25 Feb 2016 2:30

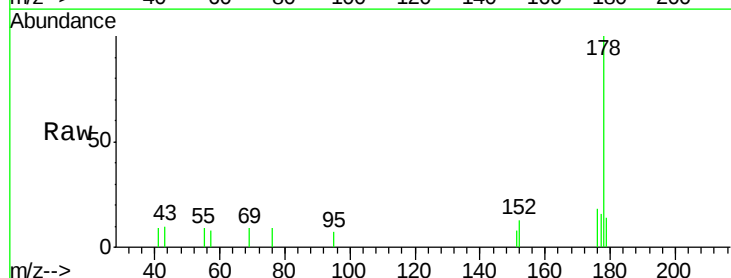
Tgt Ion:178 Resp: 3373

Ion Ratio Lower Upper

178 100

176 17.8 14.8 22.2

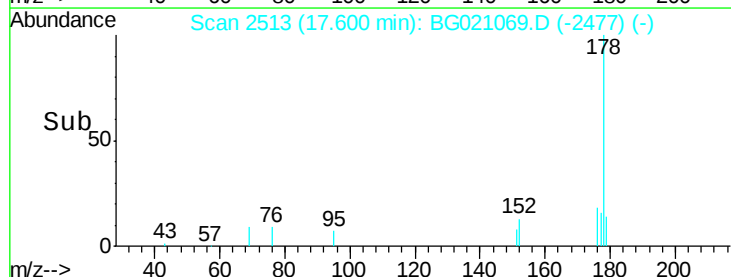
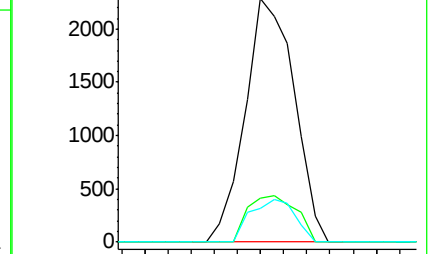
179 14.0 12.6 19.0

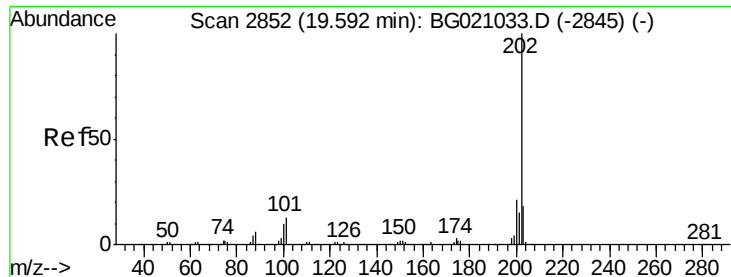


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 2.59 ng

RT: 19.60 min Scan# 2853

Delta R.T. 0.01 min

Lab File: BG021069.D

Acq: 25 Feb 2016 2:30

Instrument :

BNA_G

ClientSampleId :

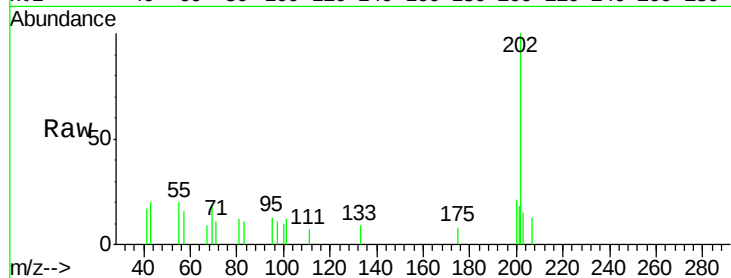
Tot Ion:202 Resp: 3111

Ion Ratio Lower Upper

202 100

101 12.4 0.0 32.5

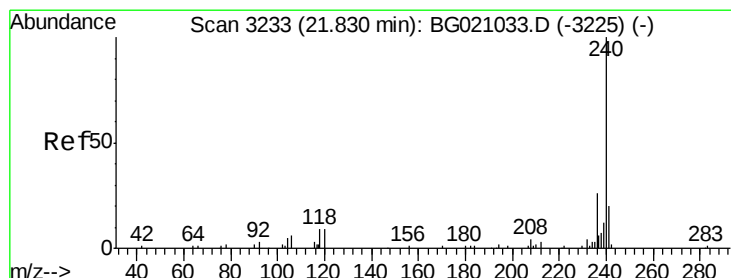
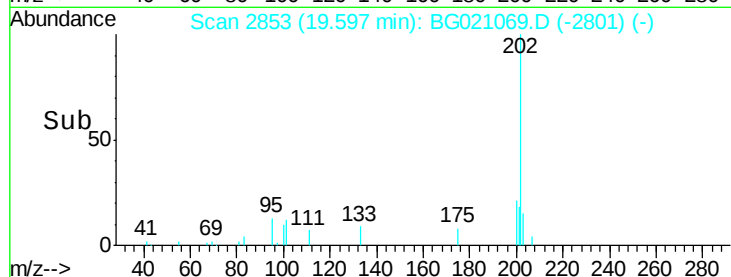
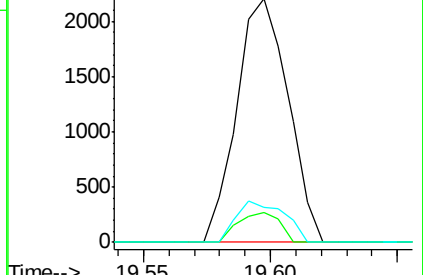
203 14.6 0.0 37.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.84 min Scan# 3234

Delta R.T. 0.01 min

Lab File: BG021069.D

Acq: 25 Feb 2016 2:30

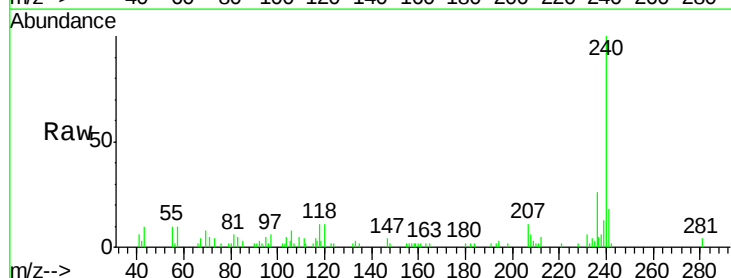
Tgt Ion:240 Resp: 16284

Ion Ratio Lower Upper

240 100

120 11.0 7.5 11.3

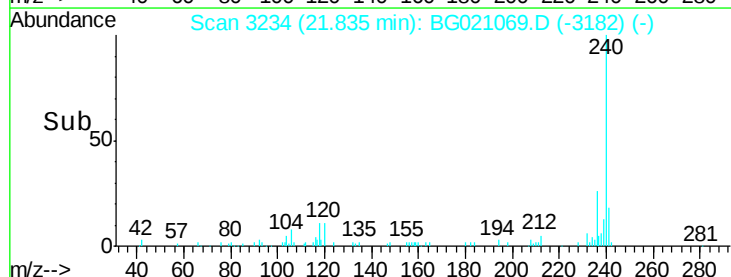
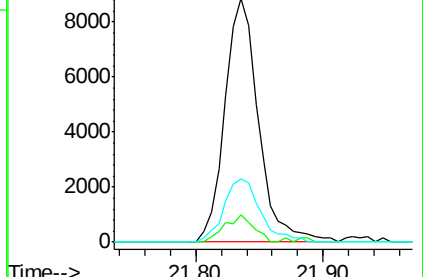
236 25.8 20.5 30.7

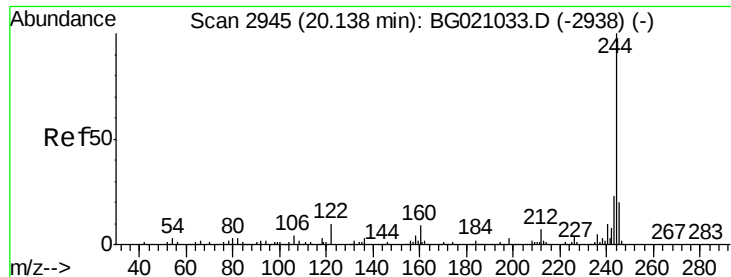


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

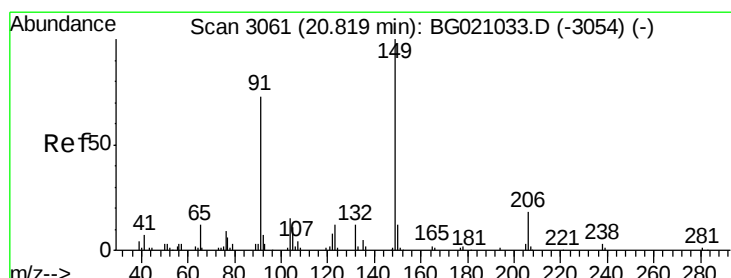
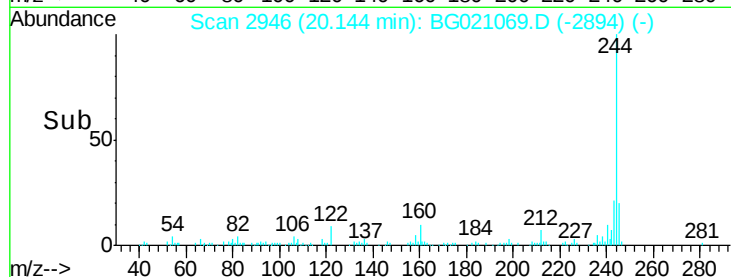
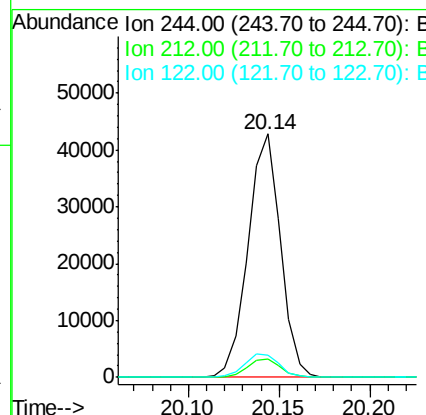
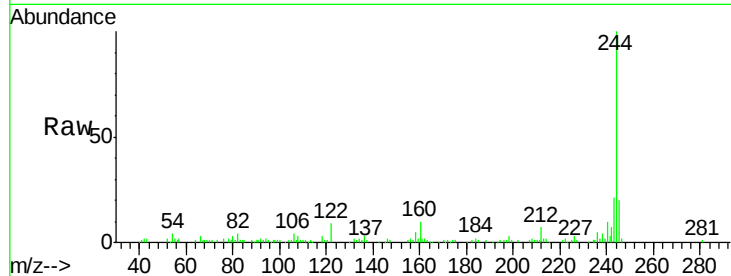




#78
 Terphenyl-d14
 Concen: 42.26 ng
 RT: 20.14 min Scan# 2946
 Delta R.T. 0.01 min
 Lab File: BG021069.D
 Acq: 25 Feb 2016 2:30

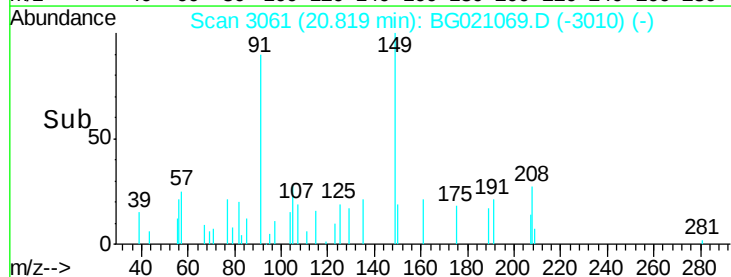
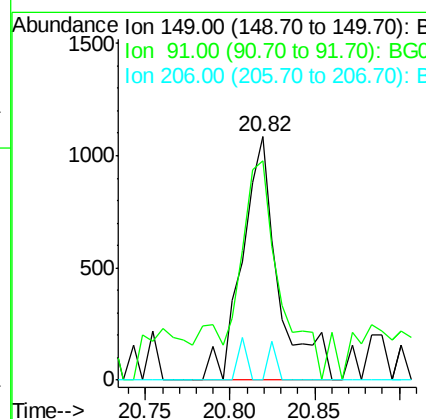
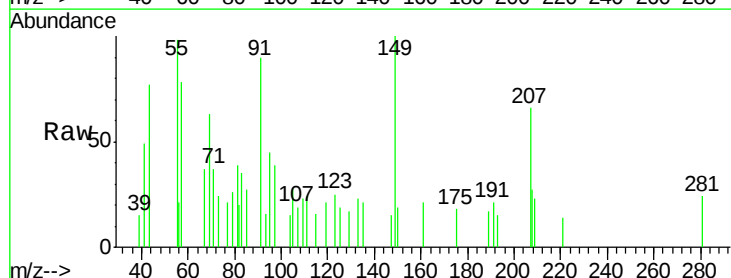
Instrument :
 BNA_G
 ClientSampleId :

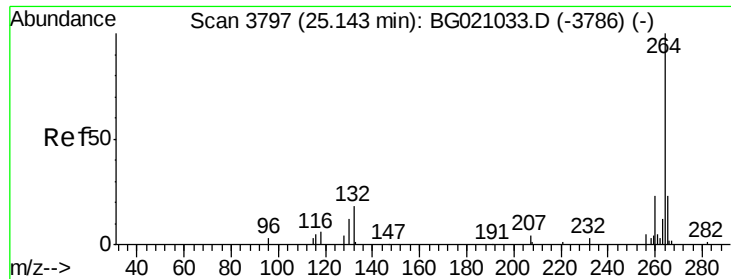
Tot Ion:244 Resp: 53030
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.6
 122 9.1 8.3 12.5



#79
 Butylbenzylphthalate
 Concen: 2.46 ng
 RT: 20.82 min Scan# 3061
 Delta R.T. -0.00 min
 Lab File: BG021069.D
 Acq: 25 Feb 2016 2:30

Tgt Ion:149 Resp: 1616
 Ion Ratio Lower Upper
 149 100
 91 90.0 58.6 87.8#
 206 0.0 14.2 21.4#

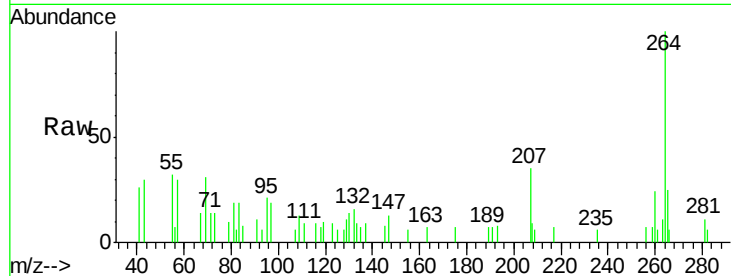




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.16 min Scan# 3800
Delta R.T. 0.02 min
Lab File: BG021069.D
Acq: 25 Feb 2016 2:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.5	27.7
265	24.9	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

