

Data Path : Z:\HPCHEM1\BNA G\Data\BG022316\
 Data File : BG021050.D
 Acq On : 24 Feb 2016 7:11
 Operator : UM/SJ
 Sample : H1442-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 24 09:52:16 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

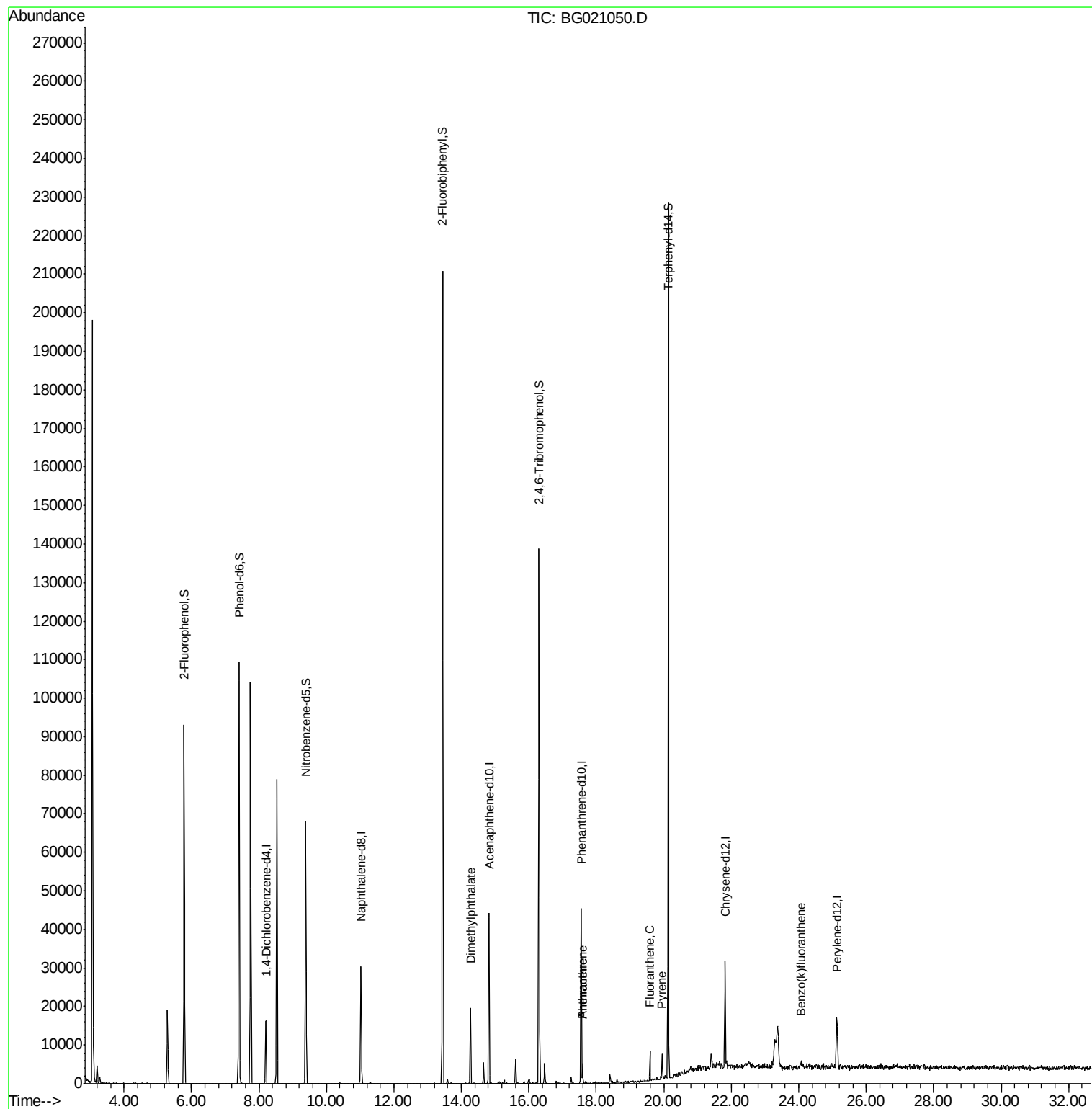
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	5321	20.00	ng	0.00
21) Naphthalene-d8	11.02	136	27572	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	15675	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	28673	20.00	ng	0.00
75) Chrysene-d12	21.82	240	17696	20.00	ng	0.00
86) Perylene-d12	25.13	264	16731	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.78	112	43126	142.09	ng	0.00
7) Phenol-d6	7.41	99	67400	144.20	ng	0.00
23) Nitrobenzene-d5	9.39	82	44271	94.27	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	23598	125.67	ng	0.00
44) 2-Fluorobiphenyl	13.44	172	103301	91.74	ng	0.00
78) Terphenyl-d14	20.14	244	85729	62.87	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.27	163	13929	10.90	ng	98
70) Phenanthrene	17.60	178	3886	2.40	ng	98
71) Anthracene	17.60	178	3886	2.40	ng	96
74) Fluoranthene	19.59	202	5416	3.32	ng	97
77) Pyrene	19.95	202	4569	2.26	ng	98
88) Benzo(k)fluoranthene	24.08	252	2203	2.12	ng	# 61

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

Data Path : Z:\HPCHEM1\BNA G\Data\BG022316\
Data File : BG021050.D
Acq On : 24 Feb 2016 7:11
Operator : UM/SJ
Sample : H1442-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Feb 24 09:52:16 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

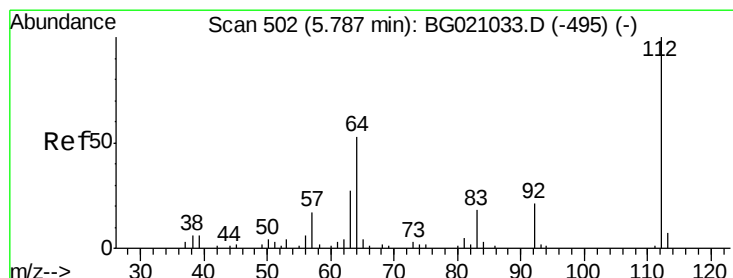
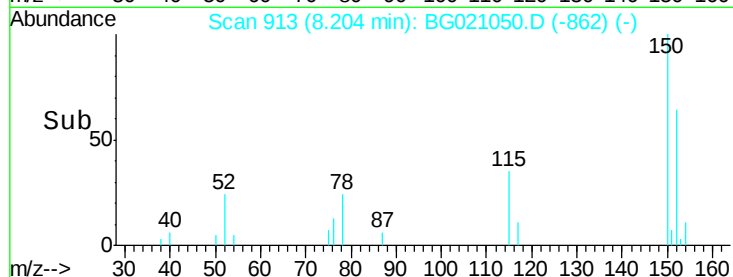
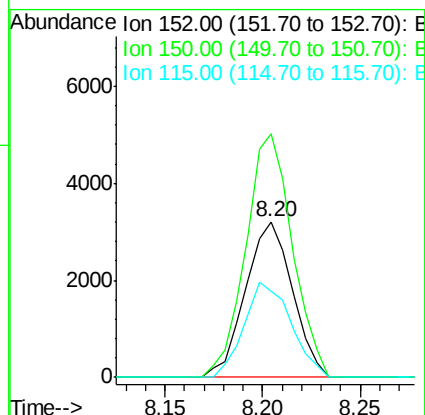
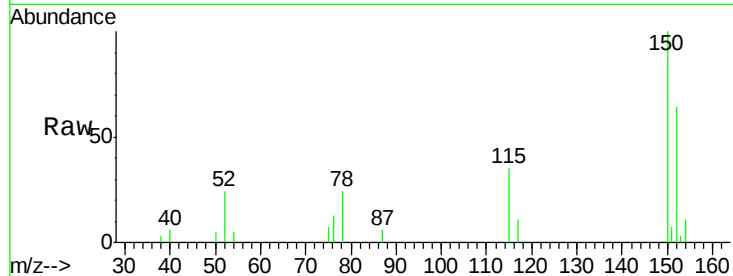




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.20 min Scan# 913
 Delta R.T. -0.00 min
 Lab File: BG021050.D
 Acq: 24 Feb 2016 7:11

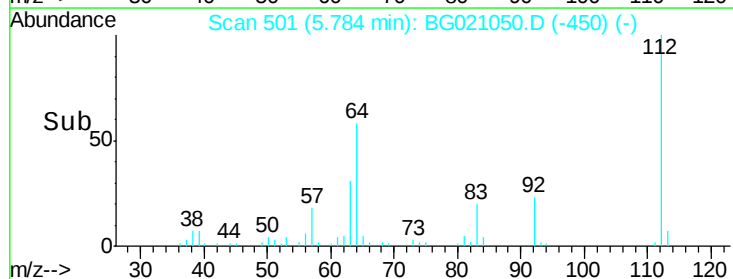
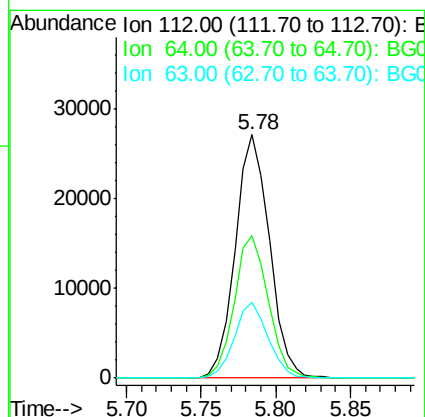
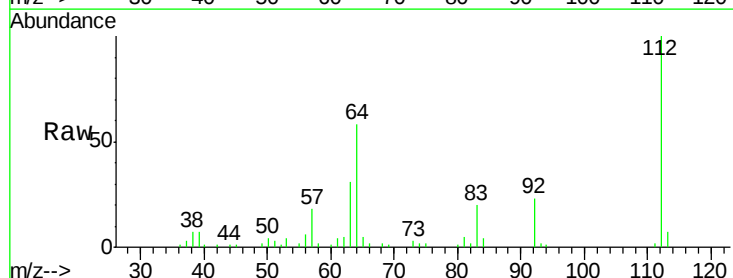
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 5321
 Ion Ratio Lower Upper
 152 100
 150 156.2 123.4 185.2
 115 55.2 43.3 64.9



#5
 2-Fluorophenol
 Concen: 142.09 ng
 RT: 5.78 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: BG021050.D
 Acq: 24 Feb 2016 7:11

Tgt Ion:112 Resp: 43126
 Ion Ratio Lower Upper
 112 100
 64 58.4 42.6 63.8
 63 31.2 21.7 32.5





#7

Phenol-d6

Concen: 144.20 ng

RT: 7.41 min Scan# 778

Delta R.T. -0.00 min

Lab File: BG021050.D

Acq: 24 Feb 2016 7:11

Instrument :

BNA_G

ClientSampled :

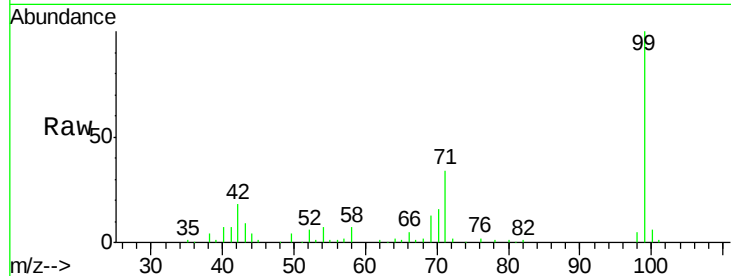
Tot Ion: 99 Resp: 67400

Ion Ratio Lower Upper

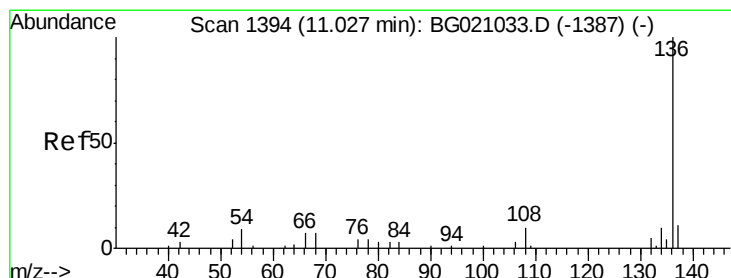
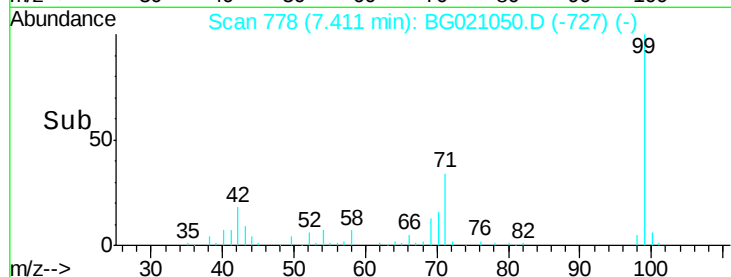
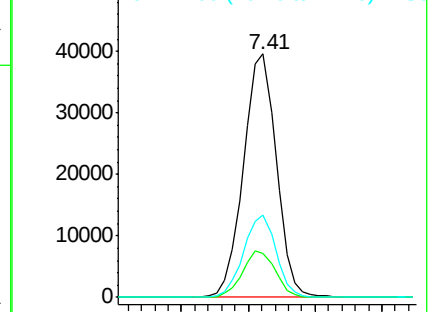
99 100

42 18.1 13.2 19.8

71 33.8 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: 11.02 min Scan# 1393

Delta R.T. -0.00 min

Lab File: BG021050.D

Acq: 24 Feb 2016 7:11

Tgt Ion: 136 Resp: 27572

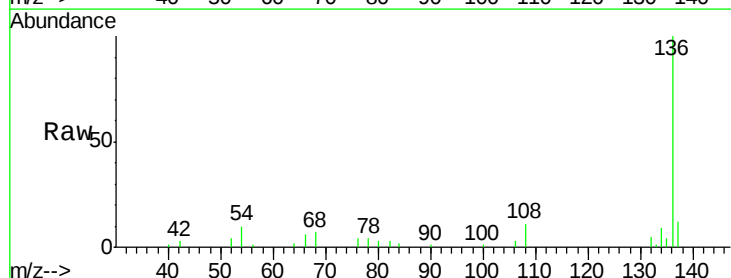
Ion Ratio Lower Upper

136 100

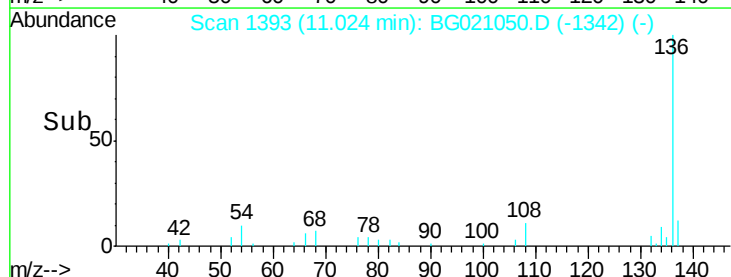
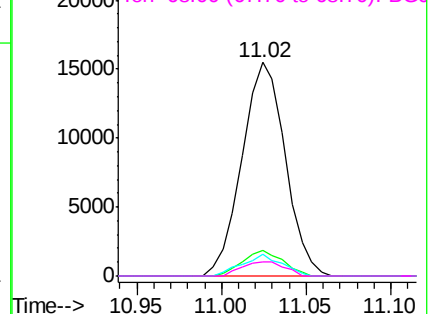
137 12.2 8.8 13.2

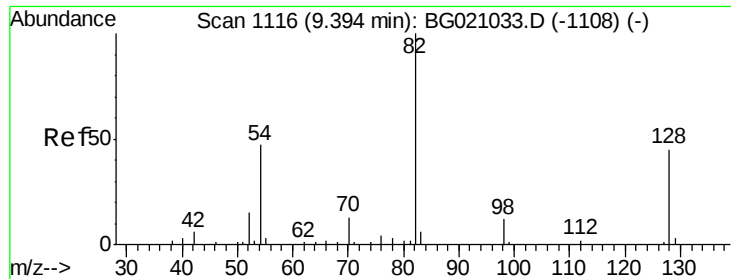
54 10.0 6.9 10.3

68 6.5 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

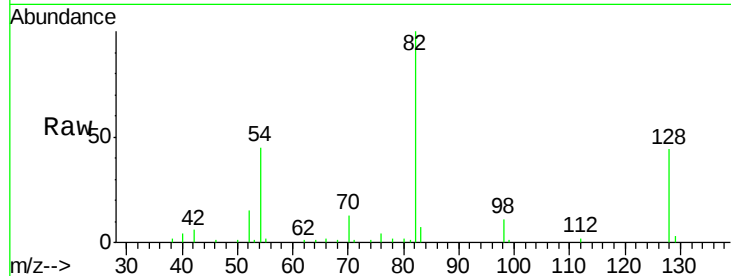




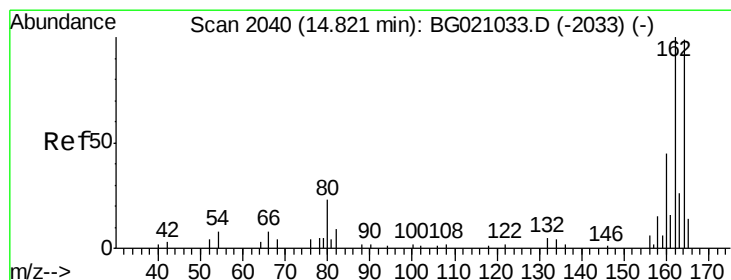
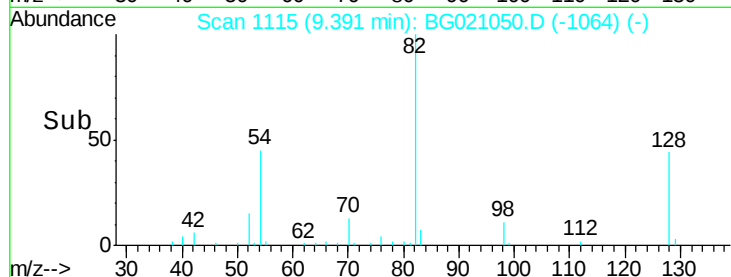
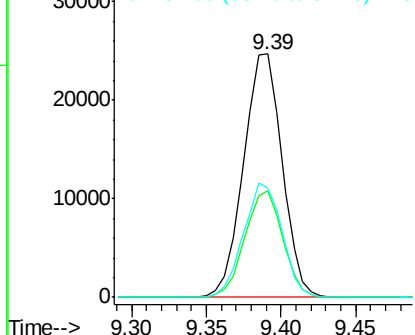
#23
 Nitrobenzene-d5
 Concen: 94.27 ng
 RT: 9.39 min Scan# 1115
 Delta R.T. -0.00 min
 Lab File: BG021050.D
 Acq: 24 Feb 2016 7:11

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	44271
Ion Ratio	100		
Lower	36.3		
Upper	54.5		
128	44.0		
54	45.1		
	37.6		

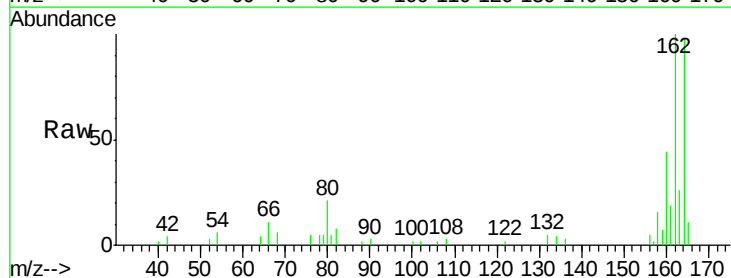


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

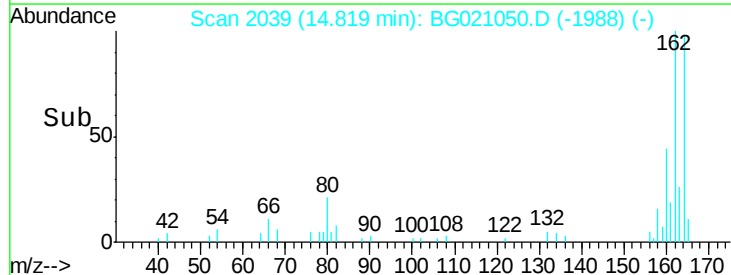
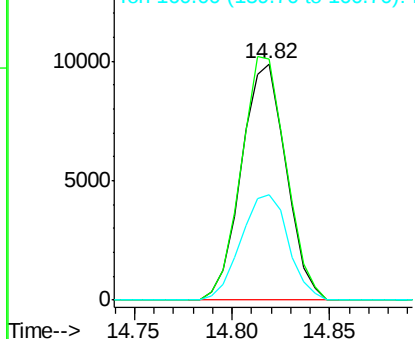


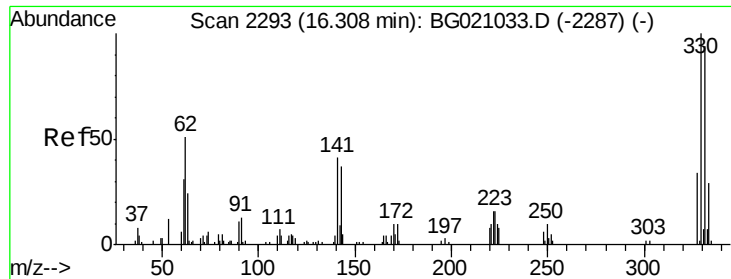
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.82 min Scan# 2039
 Delta R.T. -0.00 min
 Lab File: BG021050.D
 Acq: 24 Feb 2016 7:11

Tgt Ion	164	Resp	15675
Ion Ratio	100		
Lower	80.6		
Upper	120.8		
162	101.8		
160	44.7		
	36.5		



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

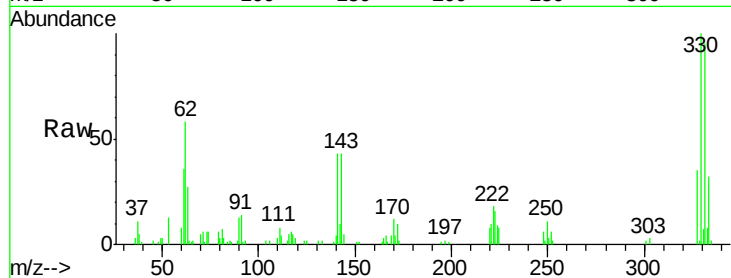




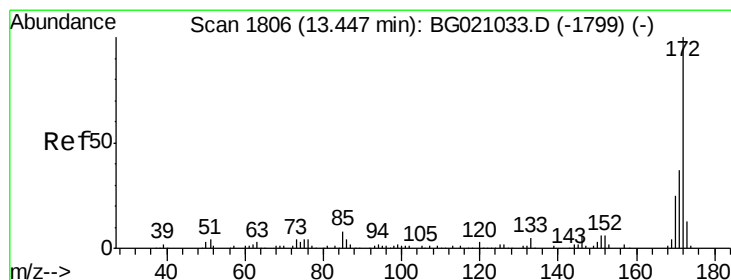
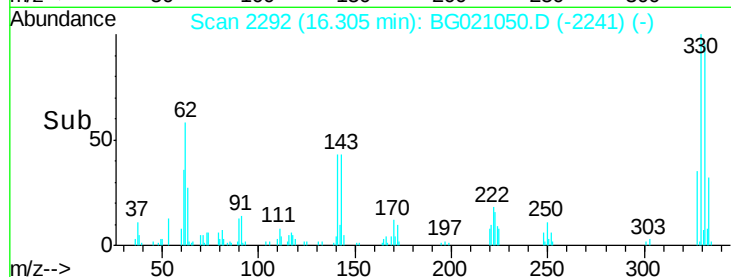
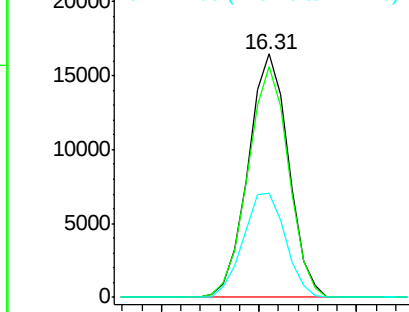
#41
 2,4,6-Tribromophenol
 Concen: 125.67 ng
 RT: 16.31 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: BG021050.D
 Acq: 24 Feb 2016 7:11

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 23598
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.4 116.0
 141 44.6 35.3 52.9

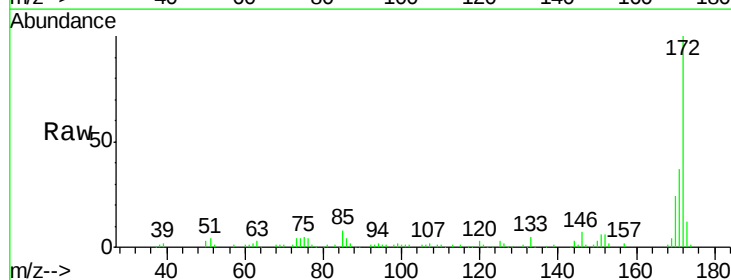


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

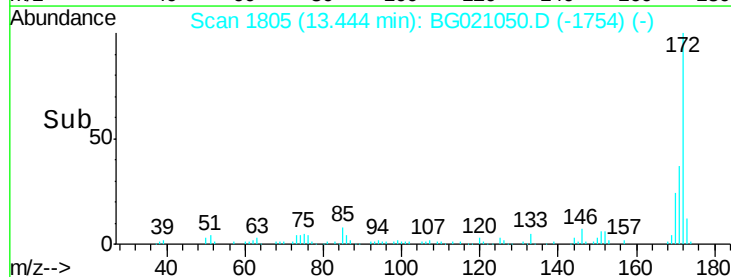
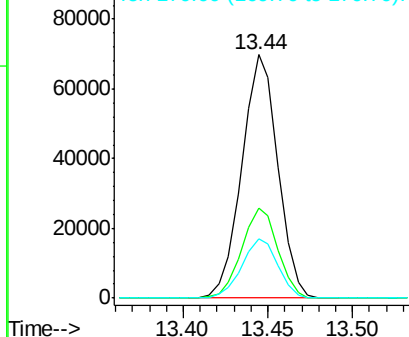


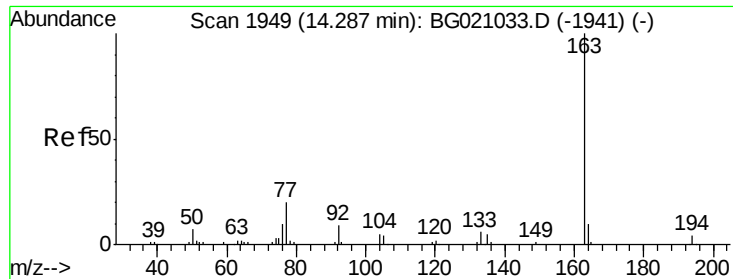
#44
 2-Fluorobiphenyl
 Concen: 91.74 ng
 RT: 13.44 min Scan# 1805
 Delta R.T. -0.00 min
 Lab File: BG021050.D
 Acq: 24 Feb 2016 7:11

Tgt Ion:172 Resp: 103301
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.4 44.0
 170 24.5 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

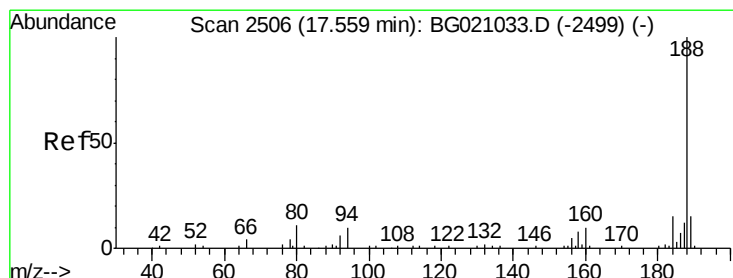
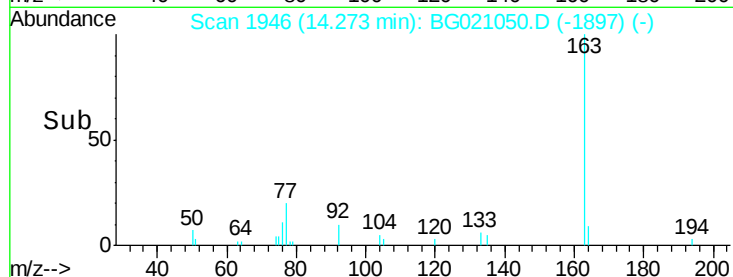
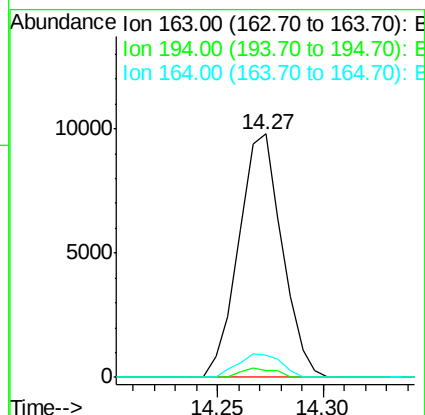
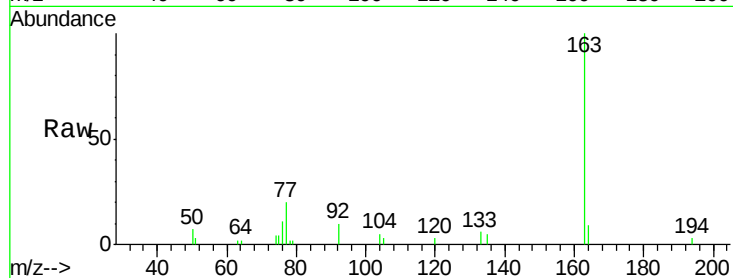




#49
Dimethylphthalate
Concen: 10.90 ng
RT: 14.27 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BG021050.D
Acq: 24 Feb 2016 7:11

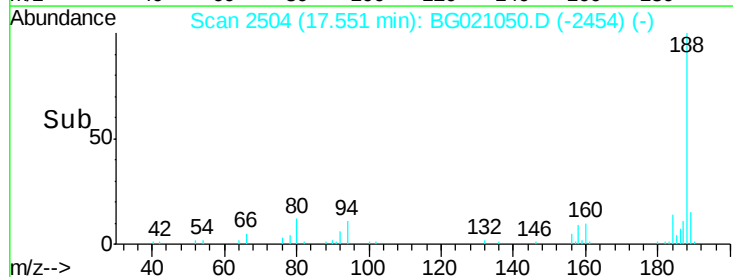
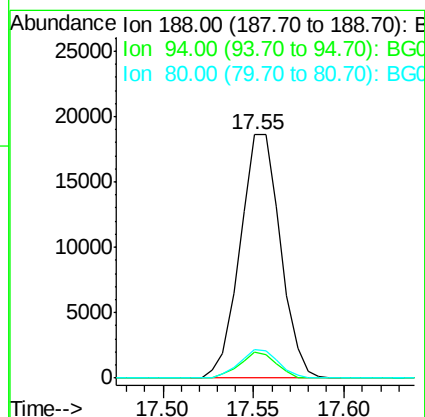
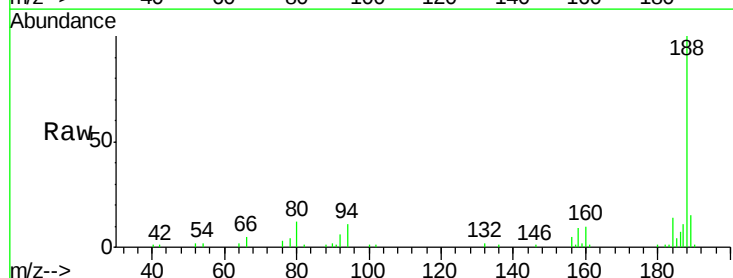
Instrument :
BNA_G
ClientSampled :

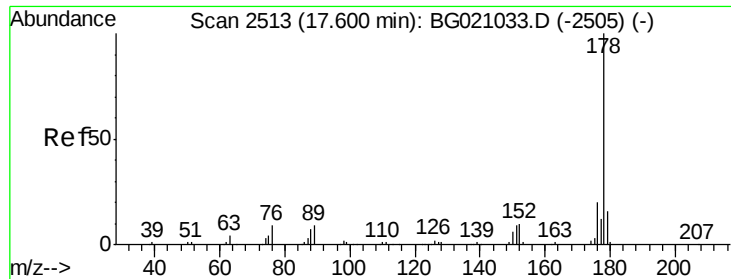
Tot Ion:163 Resp: 13929
Ion Ratio Lower Upper
163 100
194 3.0 2.8 4.2
164 8.9 7.9 11.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.01 min
Lab File: BG021050.D
Acq: 24 Feb 2016 7:11

Tgt Ion:188 Resp: 28673
Ion Ratio Lower Upper
188 100
94 10.5 8.2 12.4
80 11.6 9.2 13.8

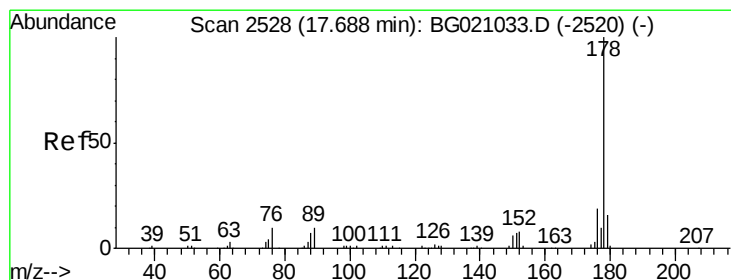
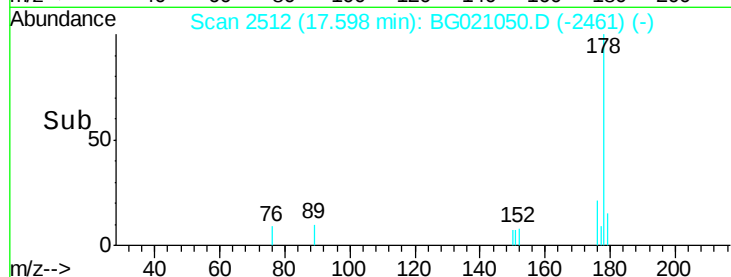
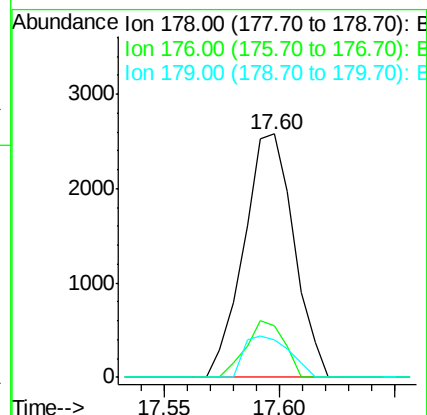
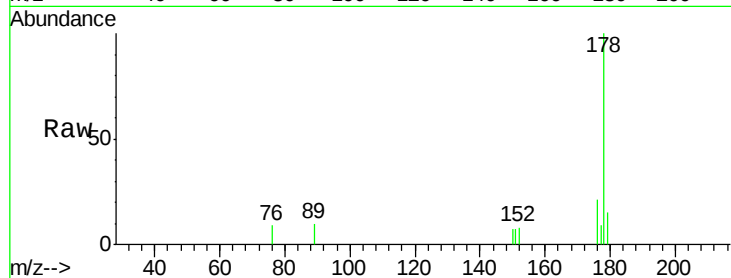




#70
Phenanthrene
Concen: 2.40 ng
RT: 17.60 min Scan# 2512
Delta R.T. -0.00 min
Lab File: BG021050.D
Acq: 24 Feb 2016 7:11

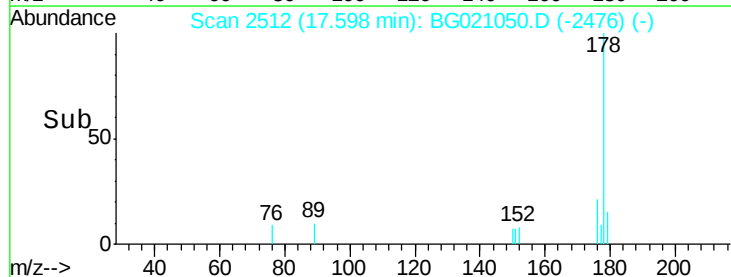
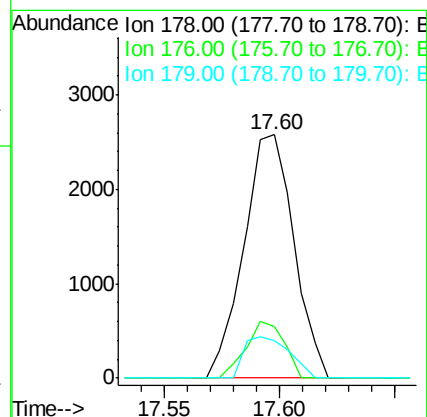
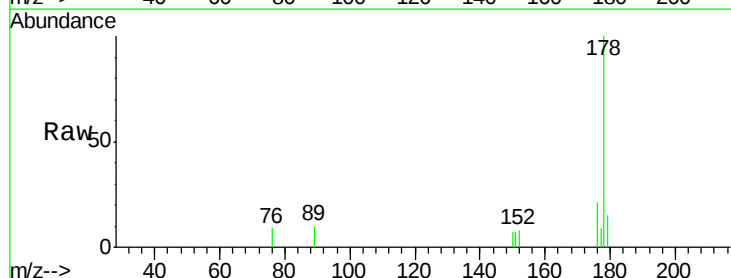
Instrument :
BNA_G
ClientSampleId :

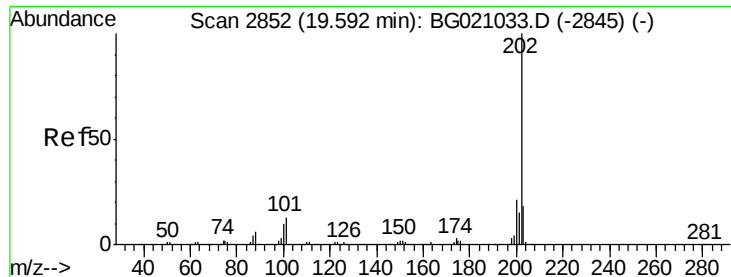
Tot Ion:178 Resp: 3886
Ion Ratio Lower Upper
178 100
176 21.2 16.2 24.4
179 15.2 12.9 19.3



#71
Anthracene
Concen: 2.40 ng
RT: 17.60 min Scan# 2512
Delta R.T. -0.09 min
Lab File: BG021050.D
Acq: 24 Feb 2016 7:11

Tgt Ion:178 Resp: 3886
Ion Ratio Lower Upper
178 100
176 21.2 14.8 22.2
179 15.2 12.6 19.0





#74

Fluoranthene

Concen: 3.32 ng

RT: 19.59 min Scan# 2851

Delta R.T. -0.00 min

Lab File: BG021050.D

Acq: 24 Feb 2016 7:11

Instrument :

BNA_G

ClientSampleId :

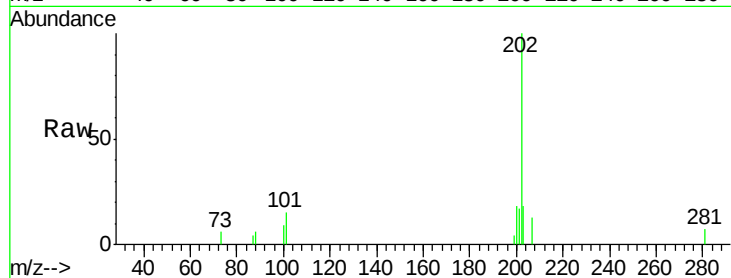
Tot Ion:202 Resp: 5416

Ion Ratio Lower Upper

202 100

101 14.8 0.0 32.5

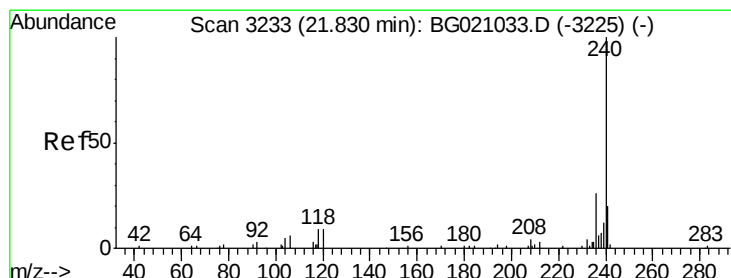
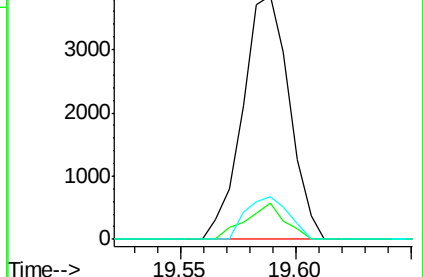
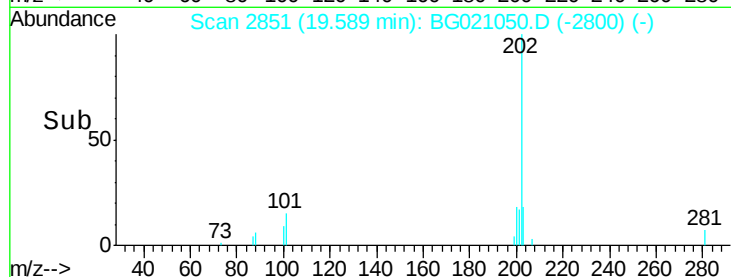
203 17.8 0.0 37.6



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: 21.82 min Scan# 3231

Delta R.T. -0.01 min

Lab File: BG021050.D

Acq: 24 Feb 2016 7:11

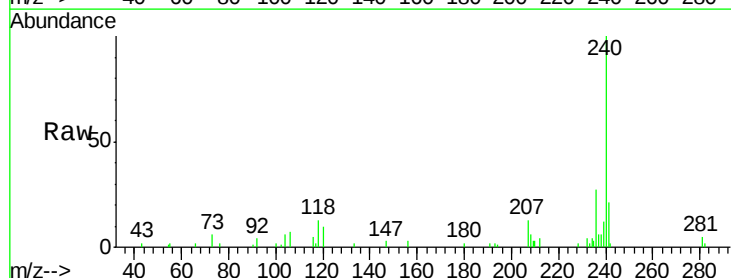
Tgt Ion:240 Resp: 17696

Ion Ratio Lower Upper

240 100

120 10.5 7.5 11.3

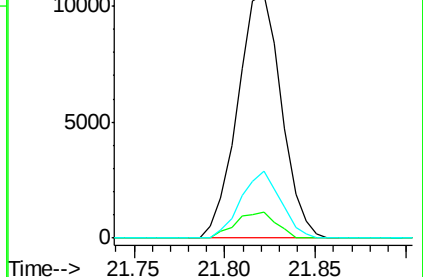
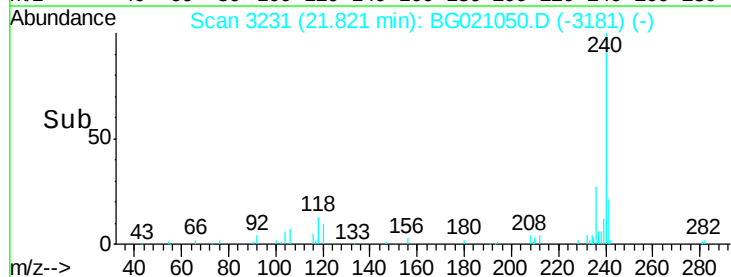
236 27.3 20.5 30.7

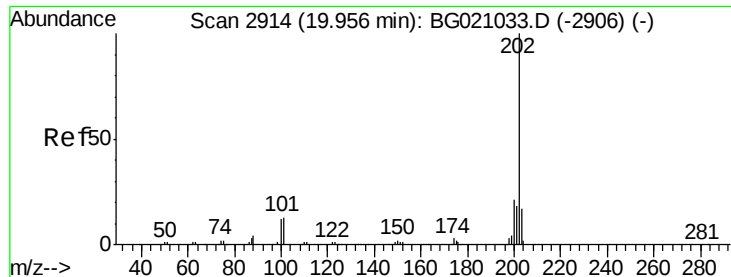


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 2.26 ng

RT: 19.95 min Scan# 2912

Delta R.T. -0.01 min

Lab File: BG021050.D

Acq: 24 Feb 2016 7:11

Instrument :

BNA_G

ClientSampleId :

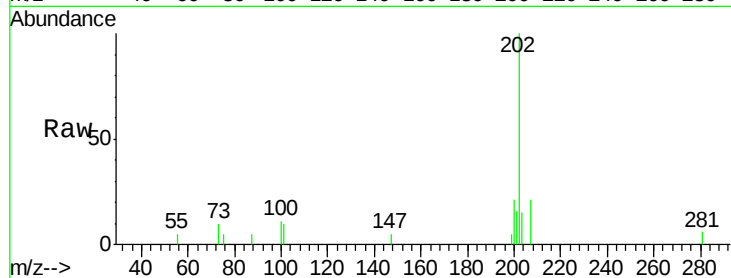
Tot Ion:202 Resp: 4569

Ion Ratio Lower Upper

202 100

200 21.2 16.6 25.0

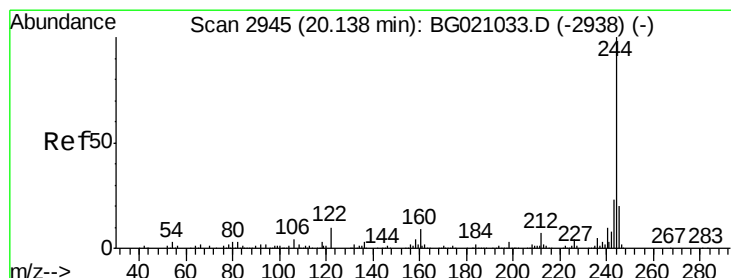
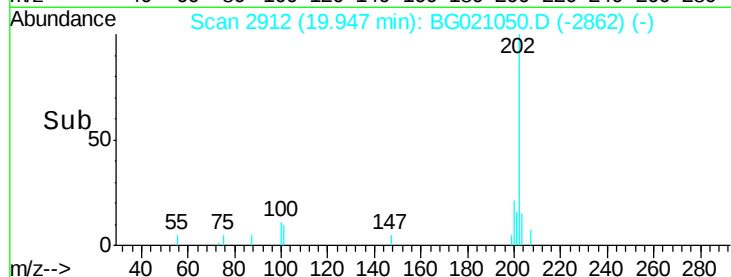
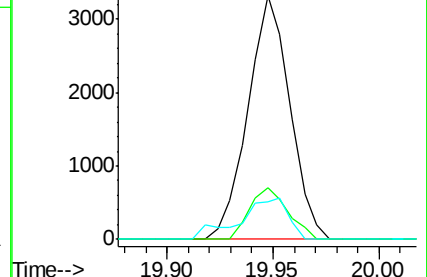
203 15.5 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 62.87 ng

RT: 20.14 min Scan# 2944

Delta R.T. -0.00 min

Lab File: BG021050.D

Acq: 24 Feb 2016 7:11

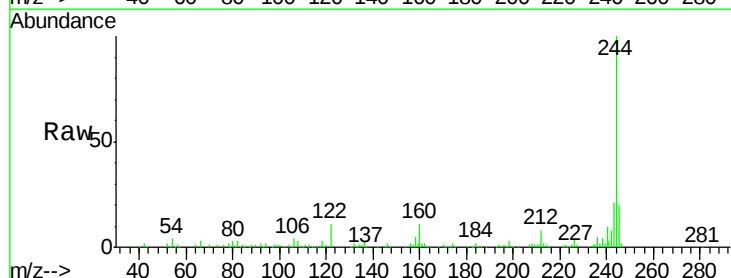
Tgt Ion:244 Resp: 85729

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.6

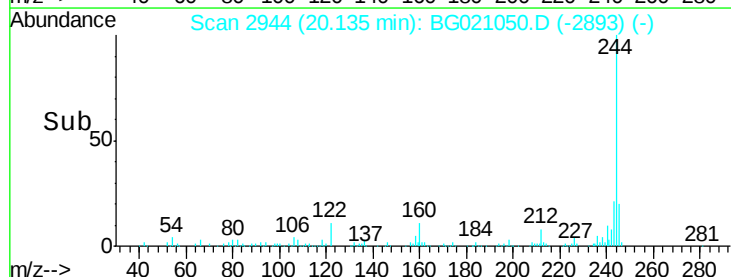
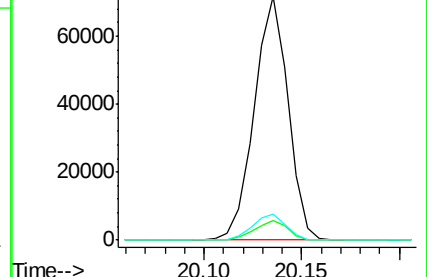
122 10.5 8.3 12.5

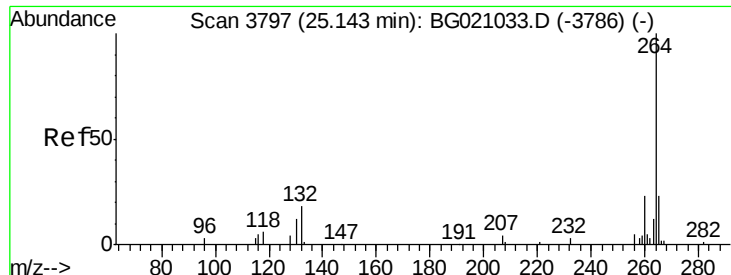


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.13 min Scan# 3795

Delta R.T. -0.01 min

Lab File: BG021050.D

Acq: 24 Feb 2016 7:11

Instrument :

BNA_G

ClientSampleId :

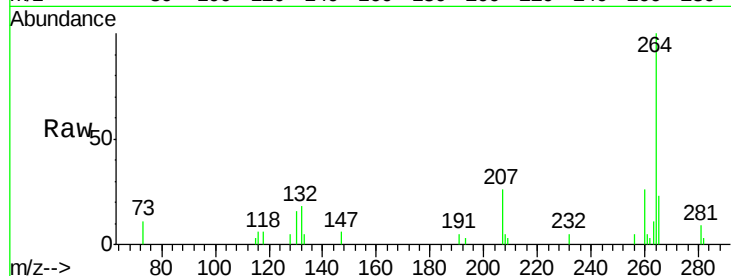
Tot Ion:264 Resp: 16731

Ion Ratio Lower Upper

264 100

260 25.6 18.5 27.7

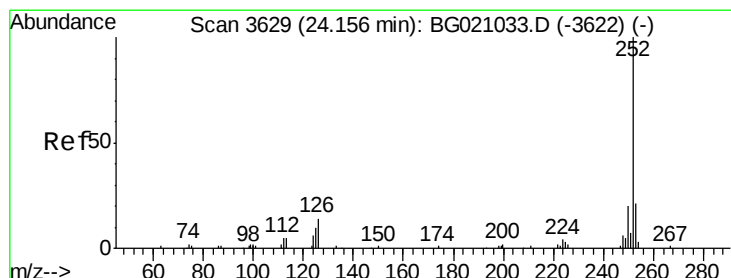
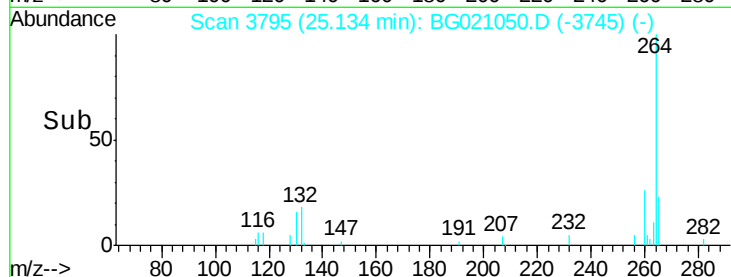
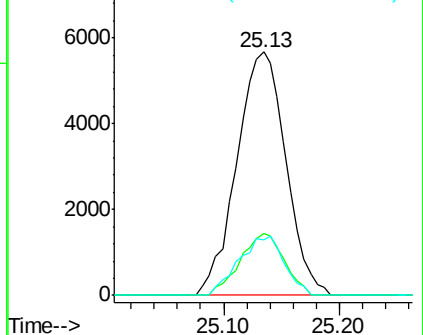
265 22.6 18.6 28.0



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



#88

Benzo(k)fluoranthene

Concen: 2.12 ng

RT: 24.08 min Scan# 3615

Delta R.T. -0.08 min

Lab File: BG021050.D

Acq: 24 Feb 2016 7:11

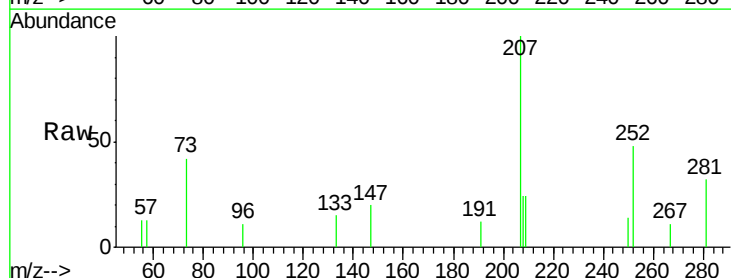
Tgt Ion:252 Resp: 2203

Ion Ratio Lower Upper

252 100

253 0.0 16.4 24.6#

125 0.0 8.2 12.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

