

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022416\
 Data File : BG021065.D
 Acq On : 24 Feb 2016 23:51
 Operator : UM/SJ
 Sample : H1521-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 25 03:32:43 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

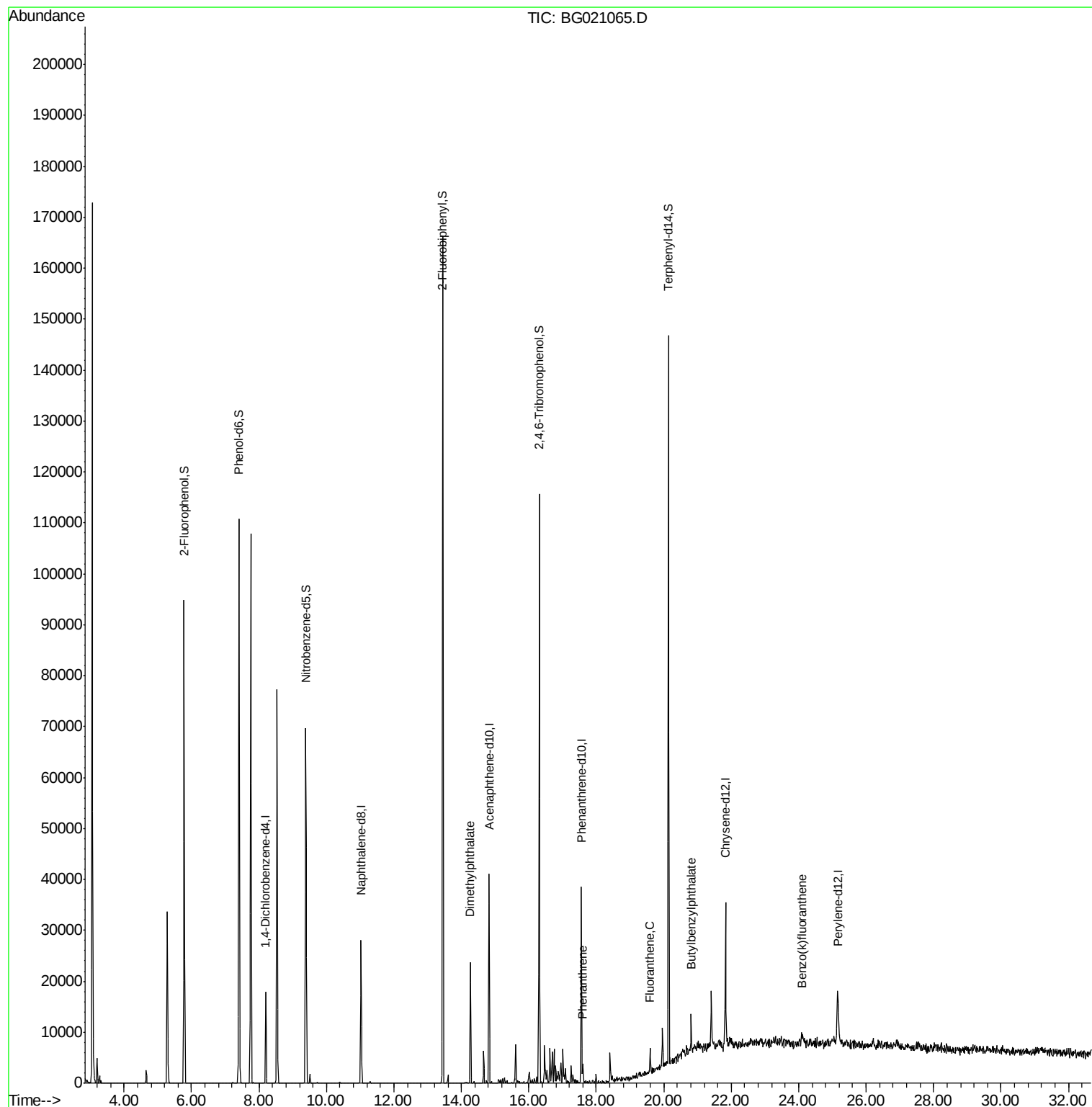
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	5266	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	26715	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	13791	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	22792	20.00	ng	0.00
75) Chrysene-d12	21.83	240	16390	20.00	ng	0.00
86) Perylene-d12	25.16	264	13876	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.78	112	43376	144.41	ng	0.00
7) Phenol-d6	7.41	99	65714	142.06	ng	0.00
23) Nitrobenzene-d5	9.39	82	43964	96.62	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	20584	124.59	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	82163	82.94	ng	0.00
78) Terphenyl-d14	20.14	244	55967	44.31	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.27	163	15567	13.84	ng	98
70) Phenanthrene	17.60	178	2613	2.03	ng	# 91
74) Fluoranthene	19.59	202	3245	2.50	ng	94
79) Butylbenzylphthalate	20.81	149	2104	3.19	ng	# 71
88) Benzo(k)fluoranthene	24.10	252	1736	2.01	ng	# 62

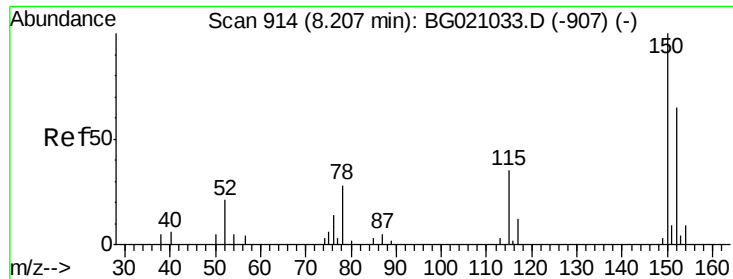
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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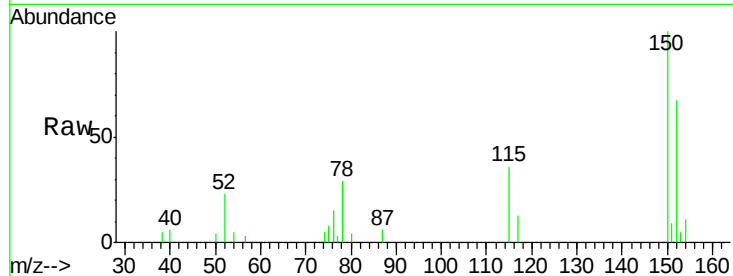


#1

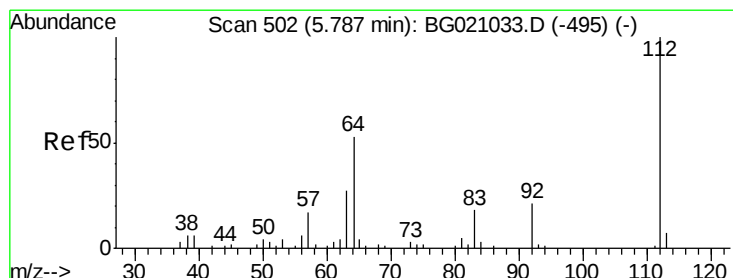
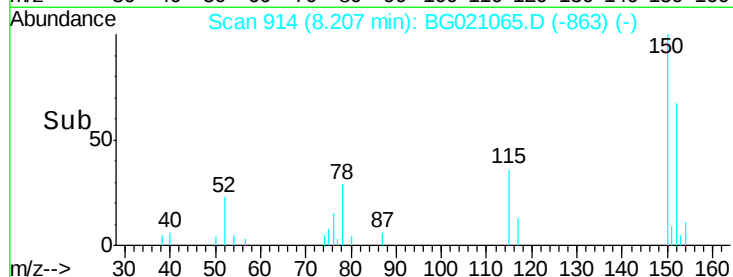
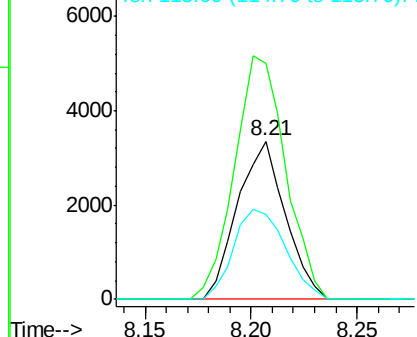
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.21 min Scan# 914
Delta R.T. -0.00 min
Lab File: BG021065.D
Acq: 24 Feb 2016 23:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 5266
Ion Ratio Lower Upper
152 100
150 149.6 123.4 185.2
115 53.9 43.3 64.9



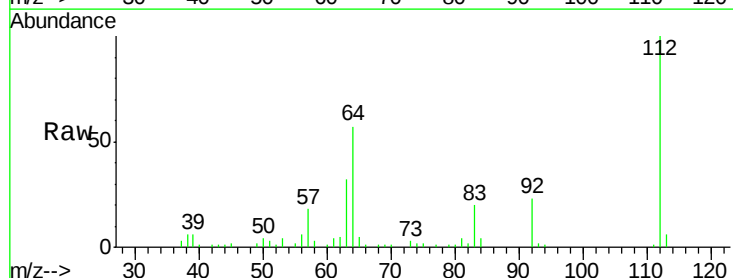
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



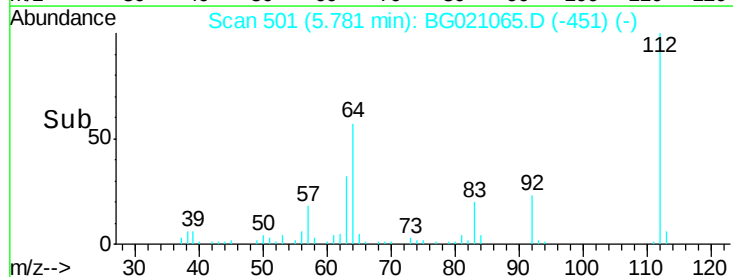
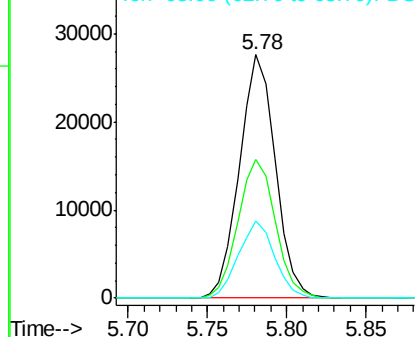
#5

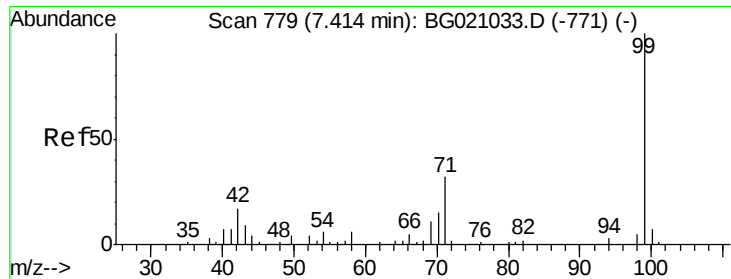
2-Fluorophenol
Concen: 144.41 ng
RT: 5.78 min Scan# 501
Delta R.T. -0.01 min
Lab File: BG021065.D
Acq: 24 Feb 2016 23:51

Tgt Ion:112 Resp: 43376
Ion Ratio Lower Upper
112 100
64 56.9 42.6 63.8
63 31.5 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: 142.06 ng

RT: 7.41 min Scan# 778

Delta R.T. -0.01 min

Lab File: BG021065.D

Acq: 24 Feb 2016 23:51

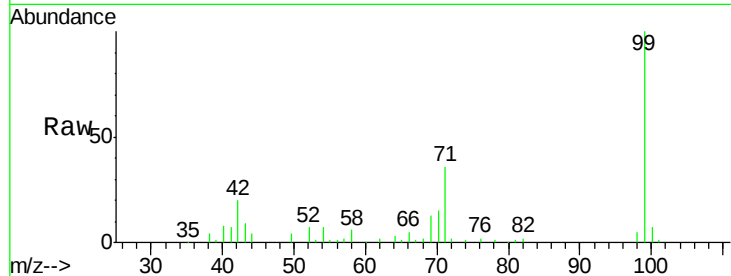
Instrument :

BNA_G

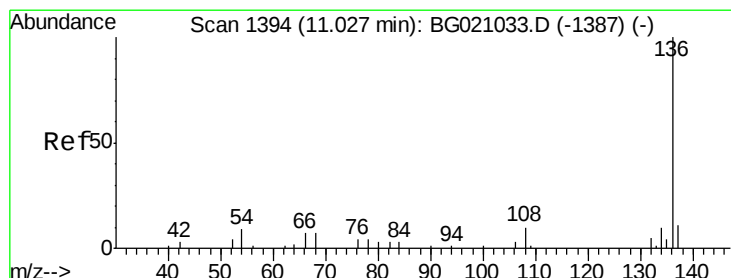
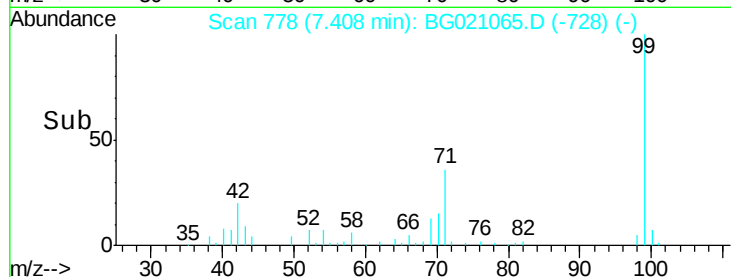
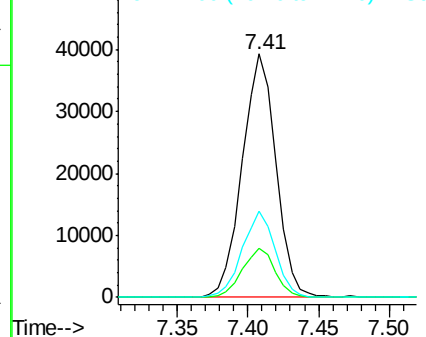
ClientSampled :

Tot Ion: 99 Resp: 65714

Ion	Ratio	Lower	Upper
99	100		
42	20.2	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# 1394

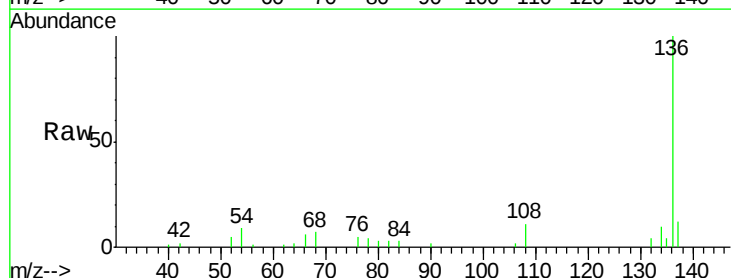
Delta R.T. -0.00 min

Lab File: BG021065.D

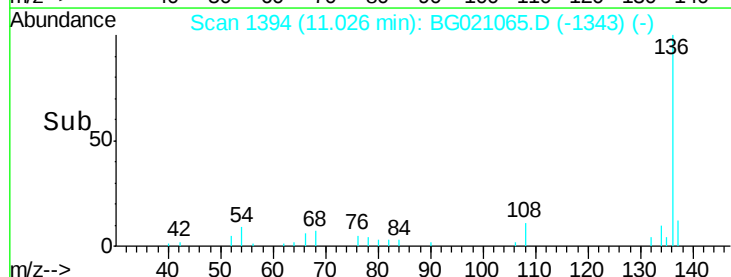
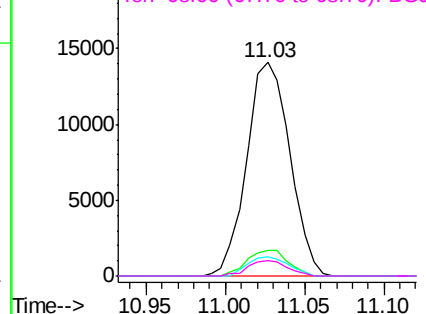
Acq: 24 Feb 2016 23:51

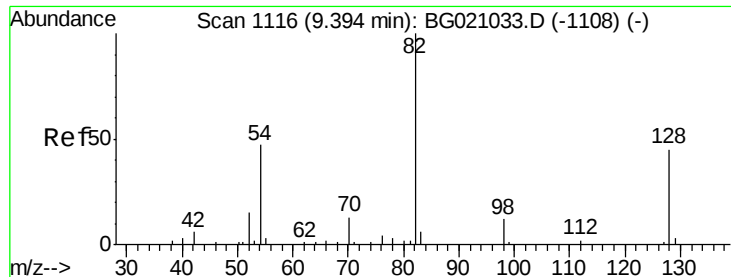
Tgt Ion: 136 Resp: 26715

Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.8	13.2
54	8.8	6.9	10.3
68	7.2	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

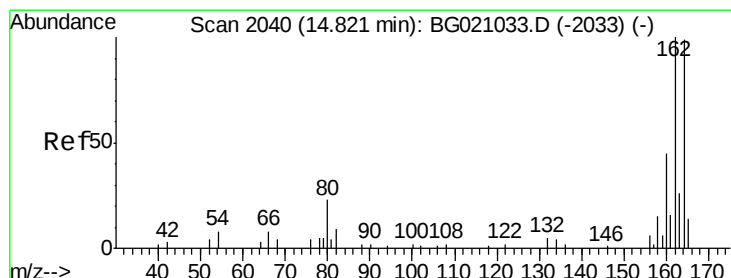
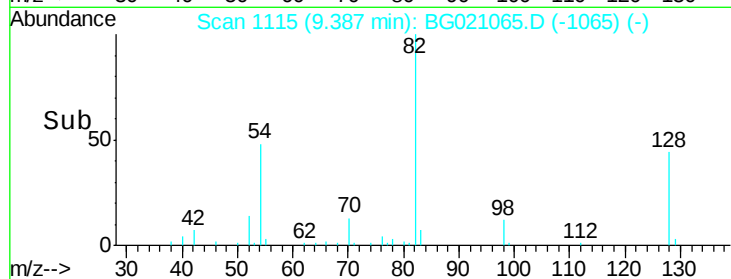
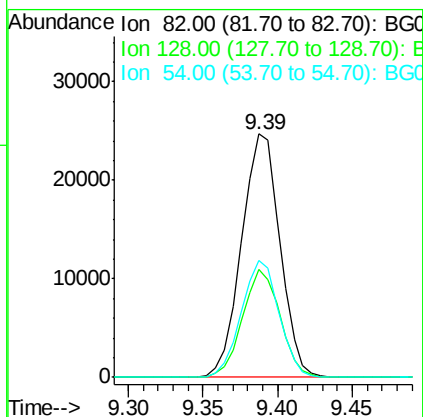
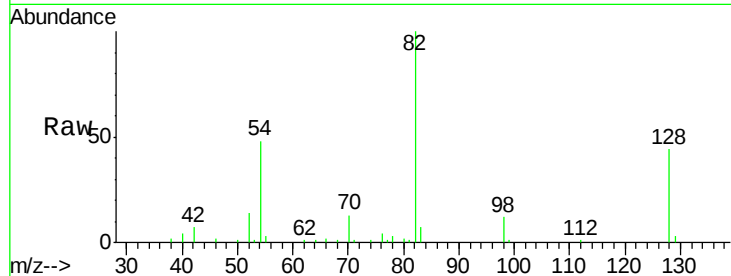




#23
Nitrobenzene-d5
Concen: 96.62 ng
RT: 9.39 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BG021065.D
Acq: 24 Feb 2016 23:51

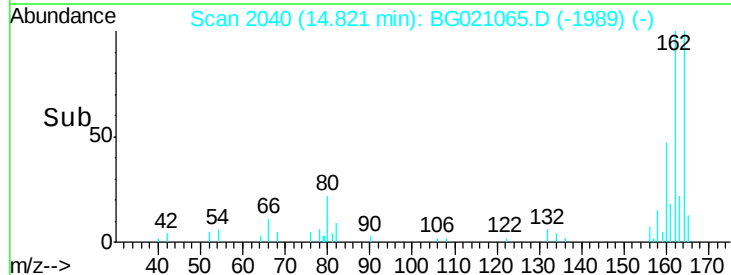
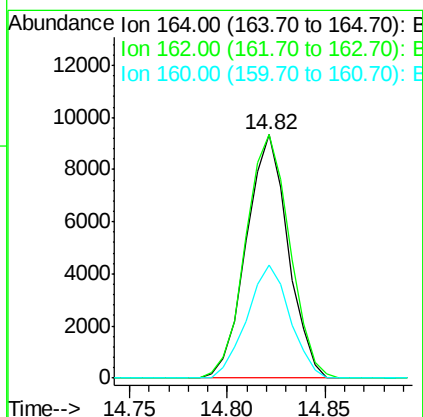
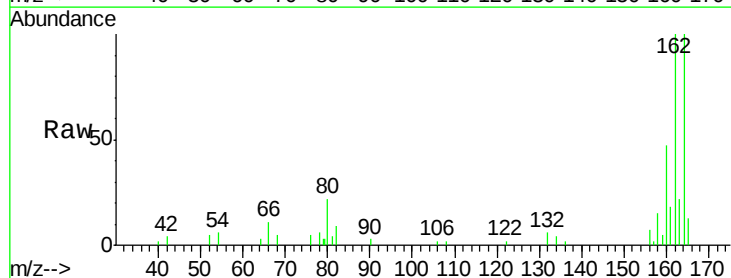
Instrument :
BNA_G
ClientSampleId :

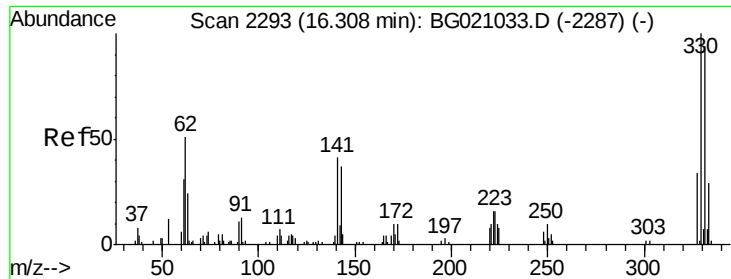
Tot Ion	82	Resp	43964
Ion Ratio	100	Lower	Upper
128	44.2	36.3	54.5
54	48.2	37.6	56.4



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG021065.D
Acq: 24 Feb 2016 23:51

Tgt Ion	164	Resp	13791
Ion Ratio	100	Lower	Upper
162	100.1	80.6	120.8
160	46.6	36.5	54.7

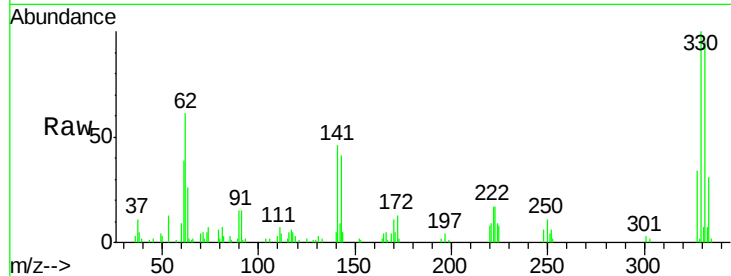




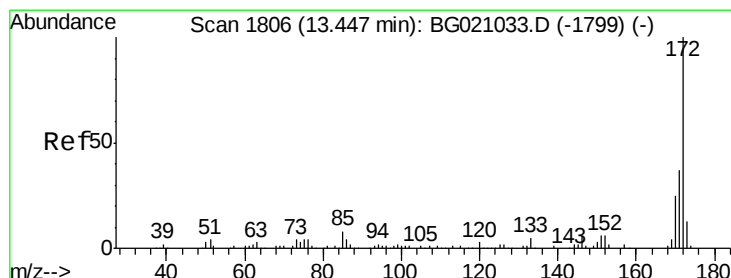
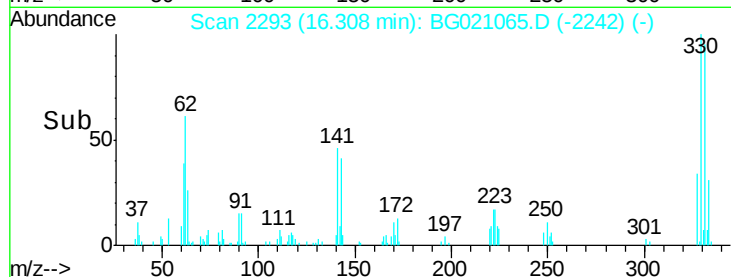
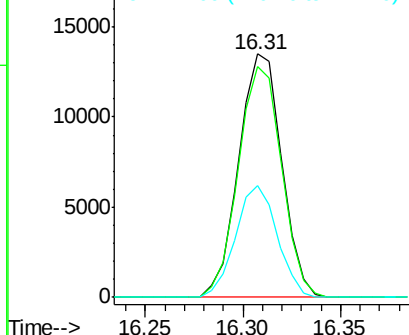
#41
 2,4,6-Tribromophenol
 Concen: 124.59 ng
 RT: 16.31 min Scan# 2293
 Delta R.T. -0.00 min
 Lab File: BG021065.D
 Acq: 24 Feb 2016 23:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 20584
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.4 116.0
 141 44.3 35.3 52.9

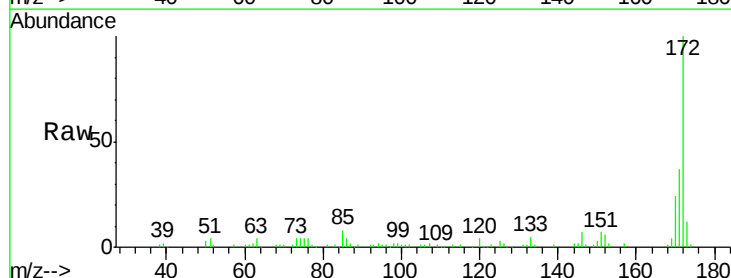


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

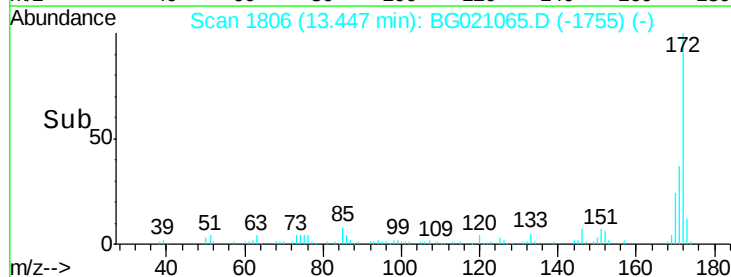
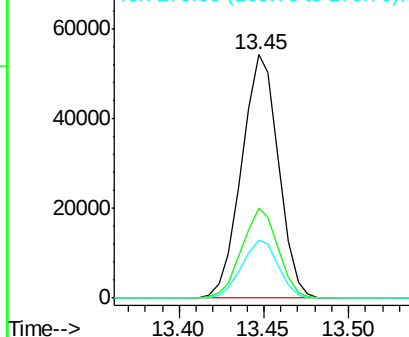


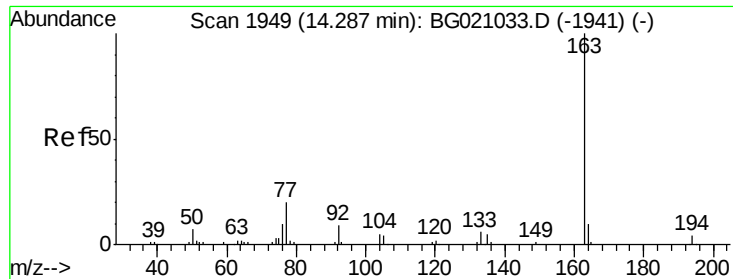
#44
 2-Fluorobiphenyl
 Concen: 82.94 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: BG021065.D
 Acq: 24 Feb 2016 23:51

Tgt Ion:172 Resp: 82163
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.4 44.0
 170 23.9 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: 13.84 ng

RT: 14.27 min Scan# 1946

Delta R.T. -0.02 min

Lab File: BG021065.D

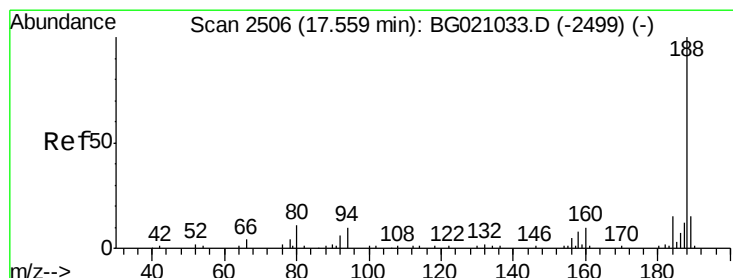
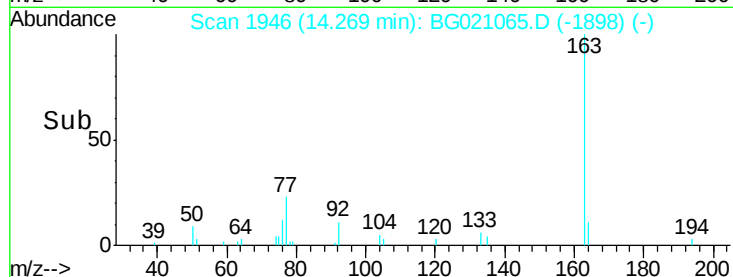
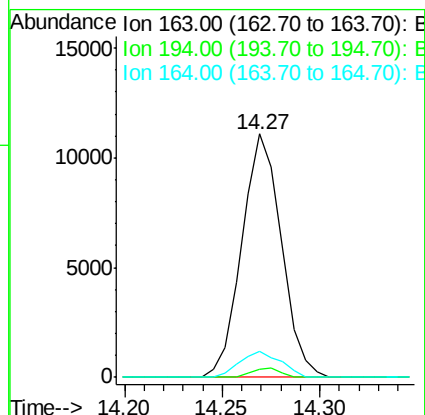
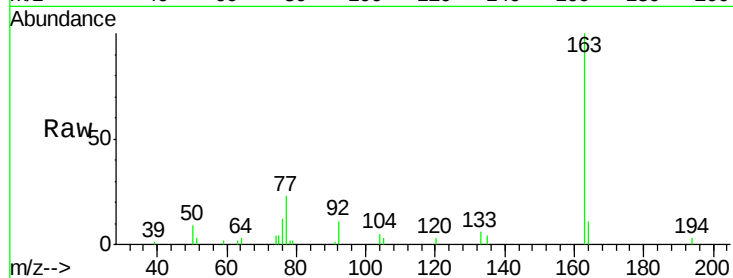
Acq: 24 Feb 2016 23:51

Instrument :

BNA_G

ClientSampleId :

Tot Ion:163	Resp:	15567
Ion Ratio	Lower	Upper
163	100	
194	3.2	2.8 4.2
164	10.9	7.9 11.9



#63

Phenanthrene-d10

Concen: 20.00 ng

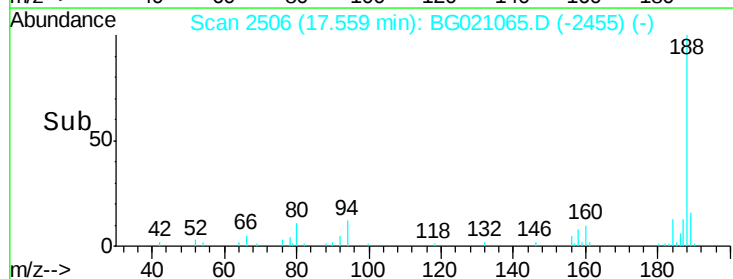
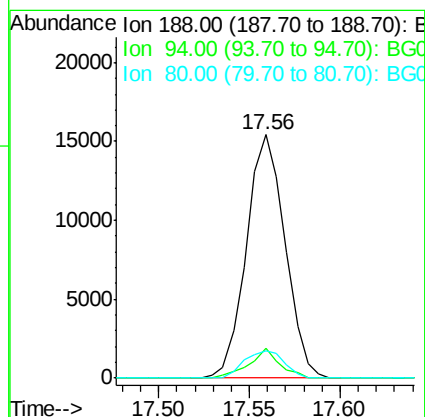
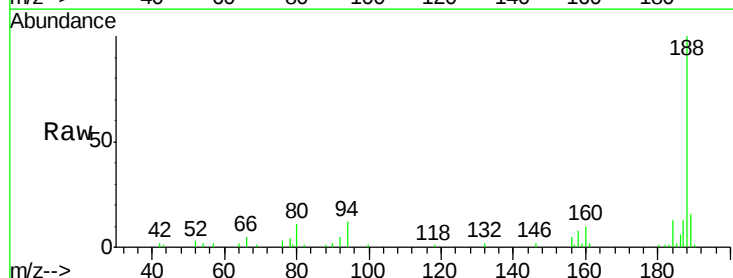
RT: 17.56 min Scan# 2506

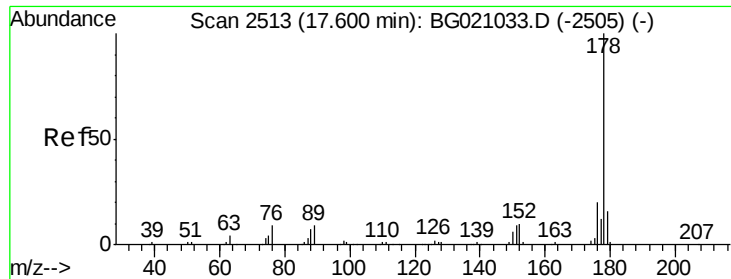
Delta R.T. -0.00 min

Lab File: BG021065.D

Acq: 24 Feb 2016 23:51

Tgt Ion:188	Resp:	22792
Ion Ratio	Lower	Upper
188	100	
94	12.1	8.2 12.4
80	11.4	9.2 13.8





#70

Phenanthrene

Concen: 2.03 ng

RT: 17.60 min Scan# 2513

Delta R.T. -0.00 min

Lab File: BG021065.D

Acq: 24 Feb 2016 23:51

Instrument :

BNA_G

ClientSampleId :

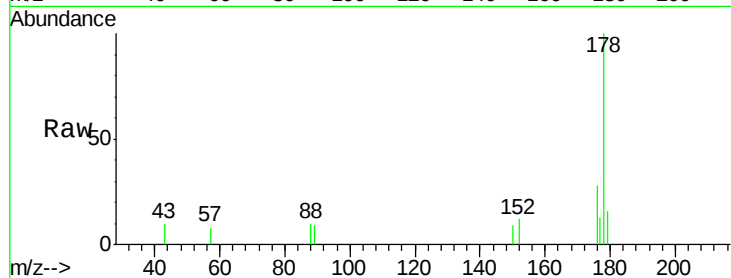
Tot Ion:178 Resp: 2613

Ion Ratio Lower Upper

178 100

176 27.5 16.2 24.4#

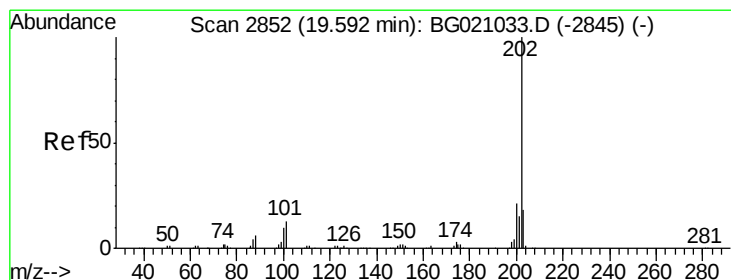
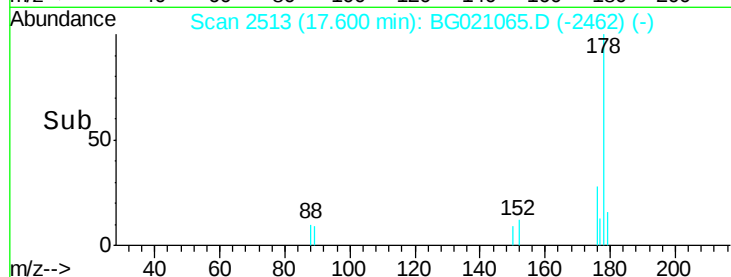
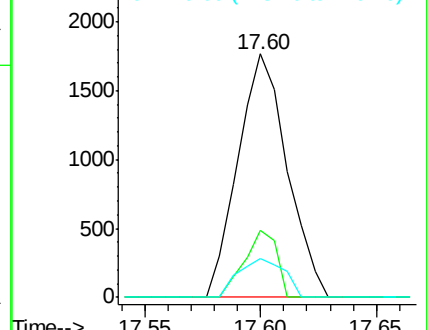
179 15.8 12.9 19.3



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



#74

Fluoranthene

Concen: 2.50 ng

RT: 19.59 min Scan# 2852

Delta R.T. -0.00 min

Lab File: BG021065.D

Acq: 24 Feb 2016 23:51

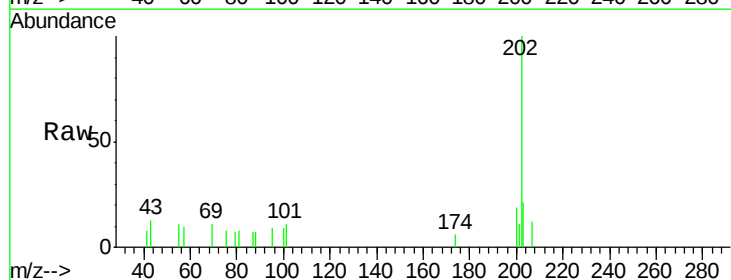
Tgt Ion:202 Resp: 3245

Ion Ratio Lower Upper

202 100

101 10.6 0.0 32.5

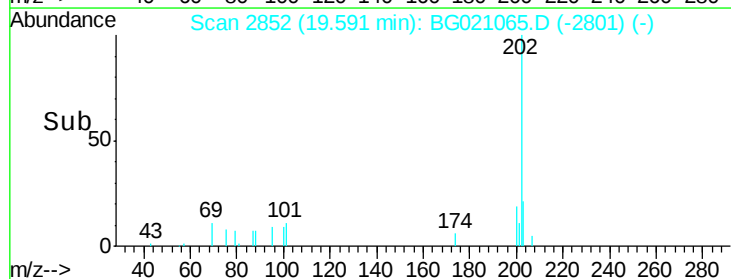
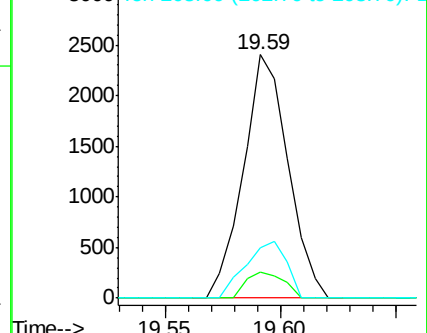
203 20.5 0.0 37.6

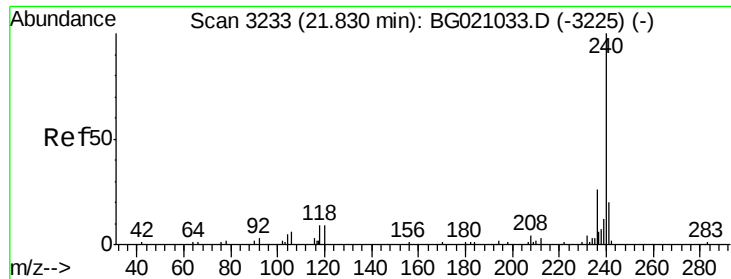


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.83 min Scan# 3233

Delta R.T. -0.00 min

Lab File: BG021065.D

Acq: 24 Feb 2016 23:51

Instrument :

BNA_G

ClientSampled :

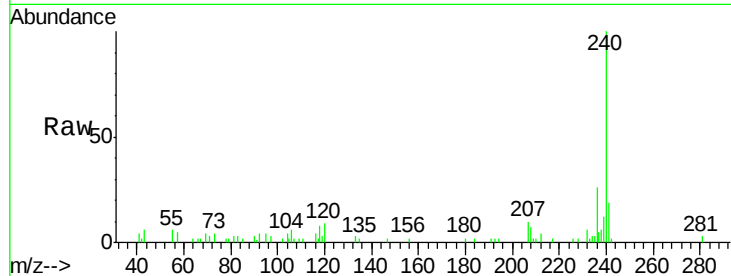
Tot Ion:240 Resp: 16390

Ion Ratio Lower Upper

240 100

120 9.2 7.5 11.3

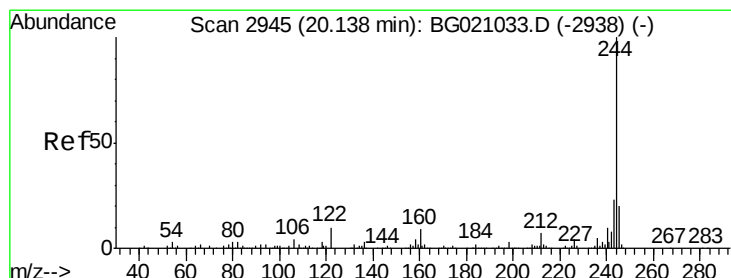
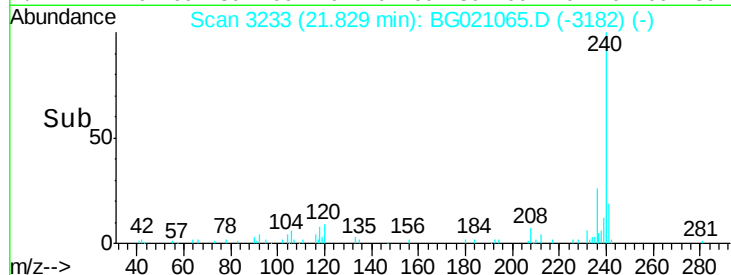
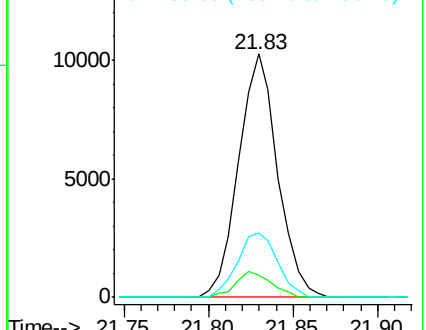
236 26.4 20.5 30.7



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: 44.31 ng

RT: 20.14 min Scan# 2945

Delta R.T. -0.00 min

Lab File: BG021065.D

Acq: 24 Feb 2016 23:51

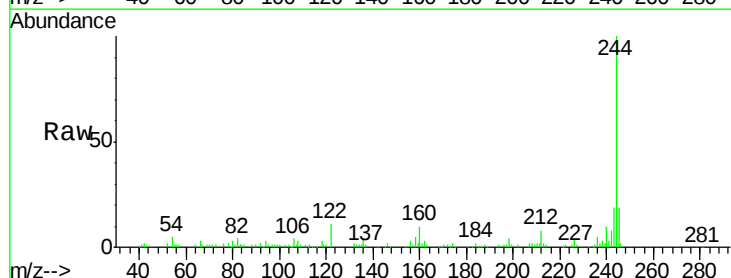
Tgt Ion:244 Resp: 55967

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.6

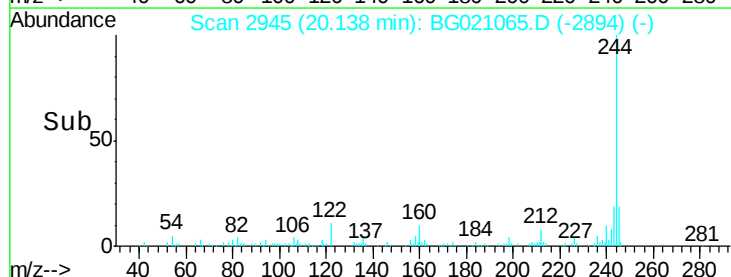
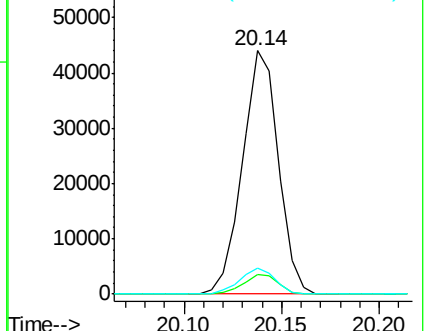
122 10.9 8.3 12.5

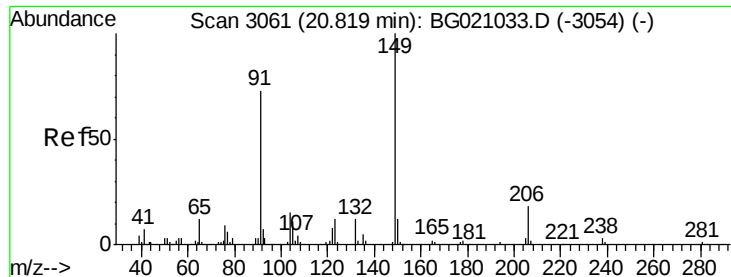


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

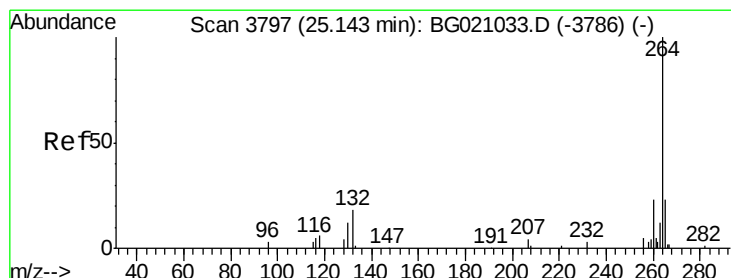
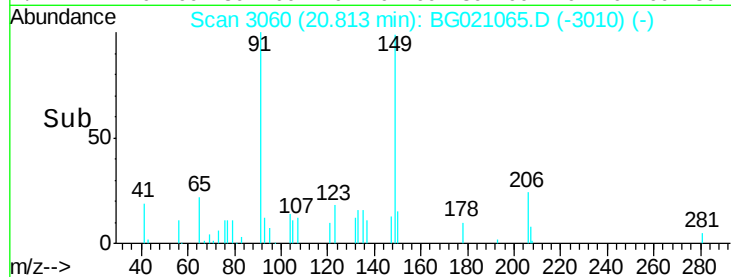
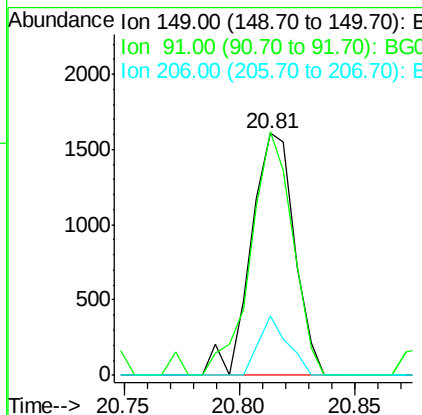
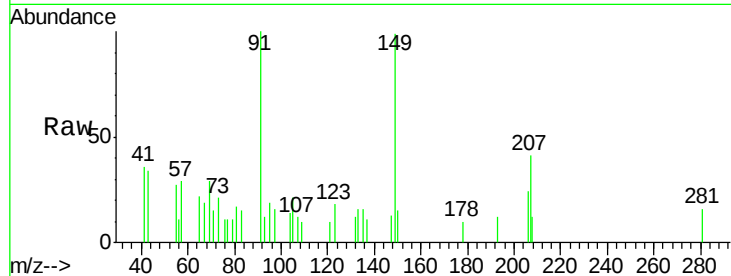




#79
Butylbenzylphthalate
Concen: 3.19 ng
RT: 20.81 min Scan# 3060
Delta R.T. -0.01 min
Lab File: BG021065.D
Acq: 24 Feb 2016 23:51

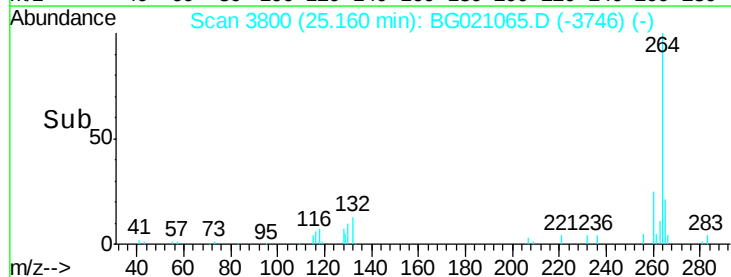
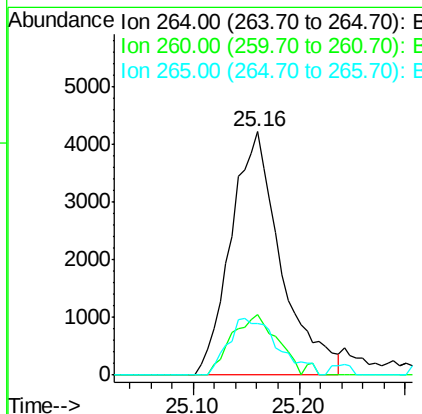
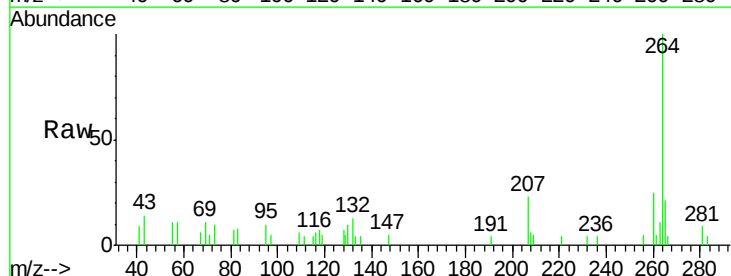
Instrument :
BNA_G
ClientSampleId :

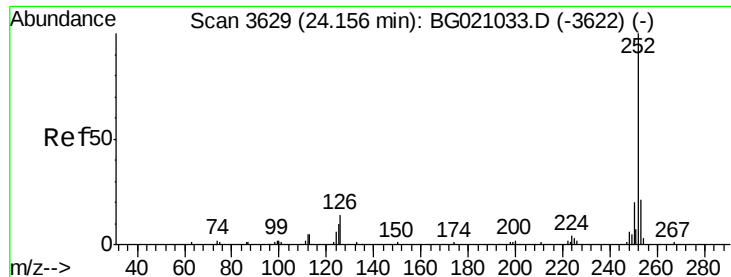
Tot Ion:149 Resp: 2104
Ion Ratio Lower Upper
149 100
91 100.7 58.6 87.8#
206 24.4 14.2 21.4#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.16 min Scan# 3800
Delta R.T. 0.02 min
Lab File: BG021065.D
Acq: 24 Feb 2016 23:51

Tgt Ion:264 Resp: 13876
Ion Ratio Lower Upper
264 100
260 25.0 18.5 27.7
265 21.0 18.6 28.0





#88

Benzo(k)fluoranthene

Concen: 2.01 ng

RT: 24.10 min Scan# 3619

Delta R.T. -0.06 min

Lab File: BG021065.D

Acq: 24 Feb 2016 23:51

Instrument :

BNA_G

ClientSampleId :

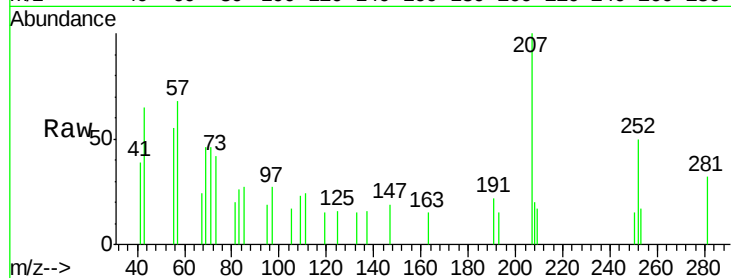
Tot Ion:252 Resp: 1736

Ion Ratio Lower Upper

252 100

253 33.7 16.4 24.6#

125 31.7 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

