

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022316\
 Data File : BG021043.D
 Acq On : 24 Feb 2016 2:36
 Operator : UM/SJ
 Sample : H1507-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HW-4

Quant Time: Feb 24 04:06:50 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

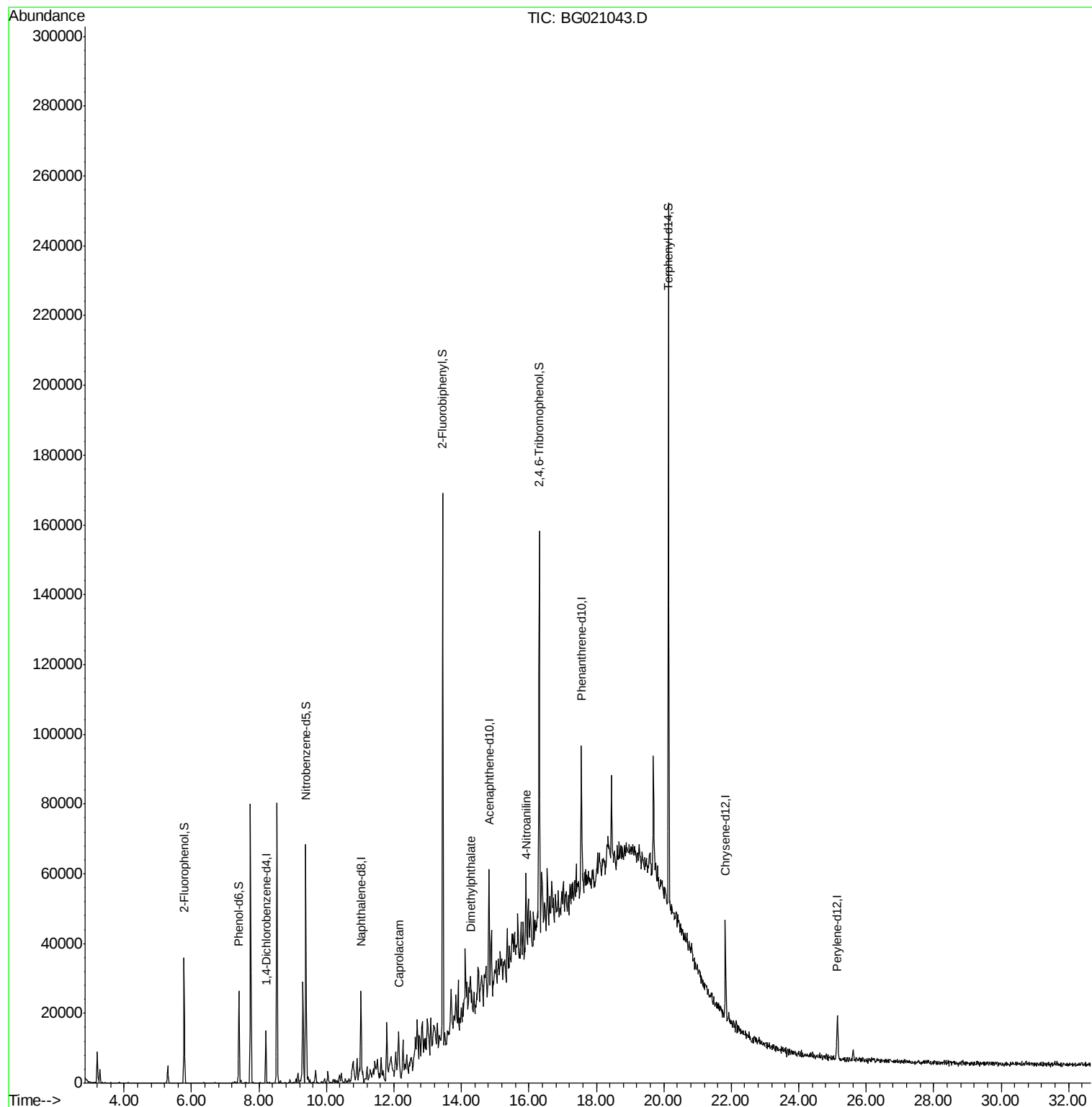
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	4636	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	19996	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	9651	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	19474	20.00	ng	0.00
75) Chrysene-d12	21.83	240	15127	20.00	ng	0.00
86) Perylene-d12	25.15	264	14084	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.78	112	17273	65.32	ng	0.00
7) Phenol-d6	7.40	99	15552	38.19	ng	0.00
23) Nitrobenzene-d5	9.39	82	42878	125.90	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	18846	163.00	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	76680	110.61	ng	0.00
78) Terphenyl-d14	20.14	244	73765	63.28	ng	0.00
Target Compounds						
35) Caprolactam	12.14	113	788	7.43	ng	# 44
49) Dimethylphthalate	14.28	163	1870	2.38	ng	# 94
61) 4-Nitroaniline	15.93	138	391	2.02	ng	# 11

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.20 min Scan# 913

Delta R.T. -0.00 min

Lab File: BG021043.D

Acq: 24 Feb 2016 2:36

Instrument :

BNA_G

ClientSampleId :

HW-4

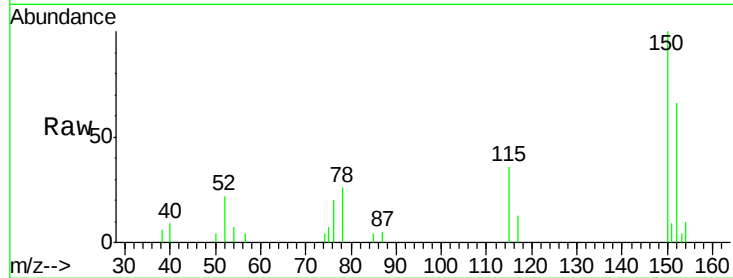
Tgt Ion:152 Resp: 4636

Ion Ratio Lower Upper

152 100

150 151.8 123.4 185.2

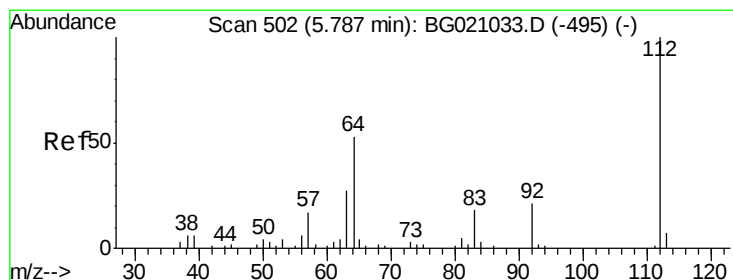
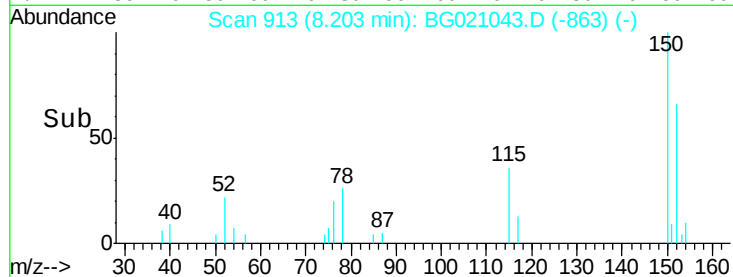
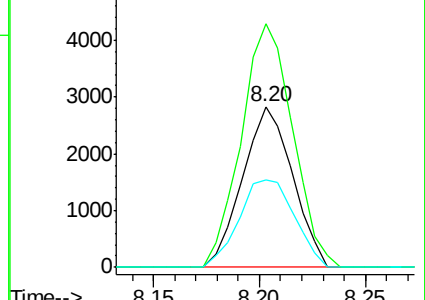
115 54.8 43.3 64.9



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: 65.32 ng

RT: 5.78 min Scan# 501

Delta R.T. -0.00 min

Lab File: BG021043.D

Acq: 24 Feb 2016 2:36

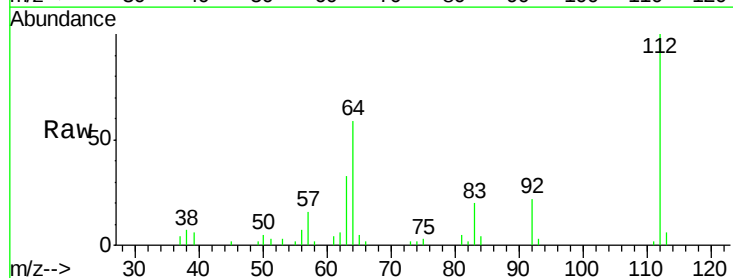
Tgt Ion:112 Resp: 17273

Ion Ratio Lower Upper

112 100

64 58.6 42.6 63.8

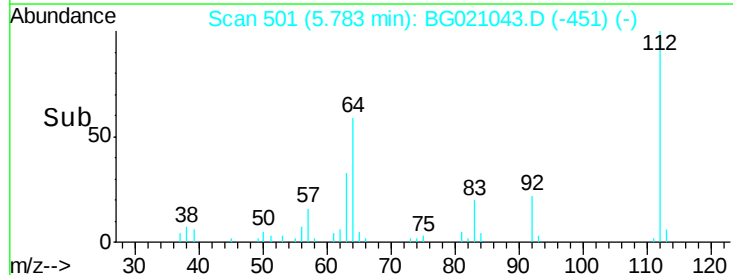
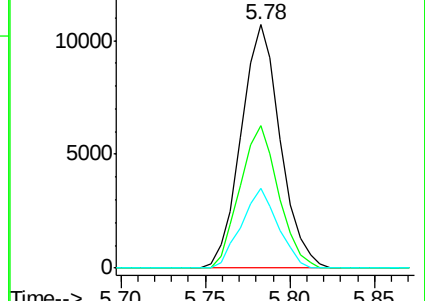
63 33.0 21.7 32.5#



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: 38.19 ng

RT: 7.40 min Scan# 777

Delta R.T. -0.01 min

Lab File: BG021043.D

Acq: 24 Feb 2016 2:36

Instrument :

BNA_G

ClientSampled :

HW-4

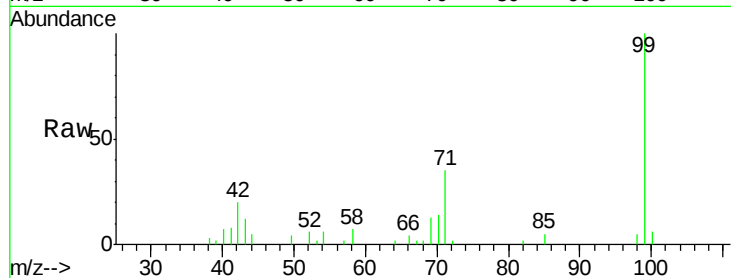
Tgt Ion: 99 Resp: 15552

Ion Ratio Lower Upper

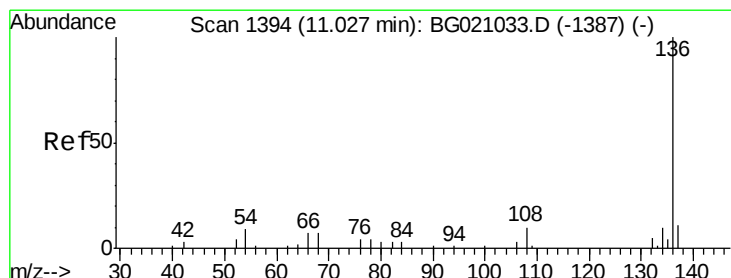
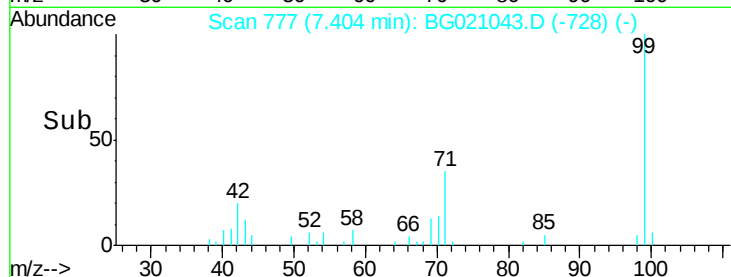
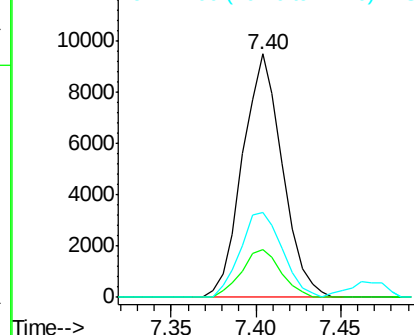
99 100

42 19.8 13.2 19.8#

71 35.0 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: 11.03 min Scan# 1394

Delta R.T. 0.00 min

Lab File: BG021043.D

Acq: 24 Feb 2016 2:36

Tgt Ion: 136 Resp: 19996

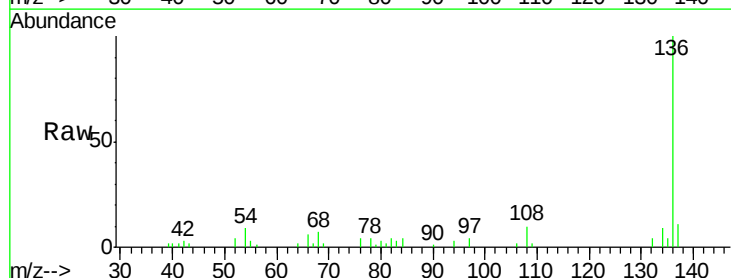
Ion Ratio Lower Upper

136 100

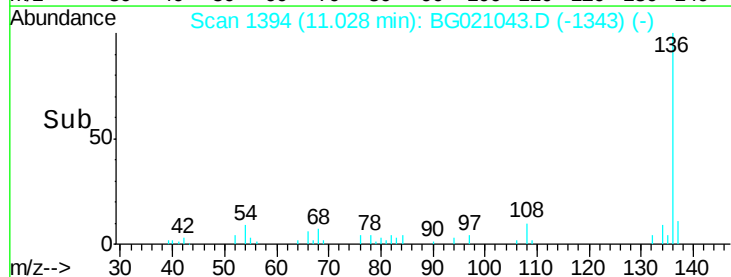
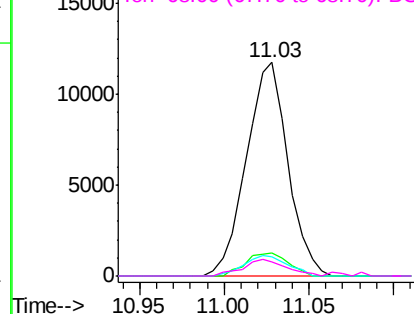
137 10.9 8.8 13.2

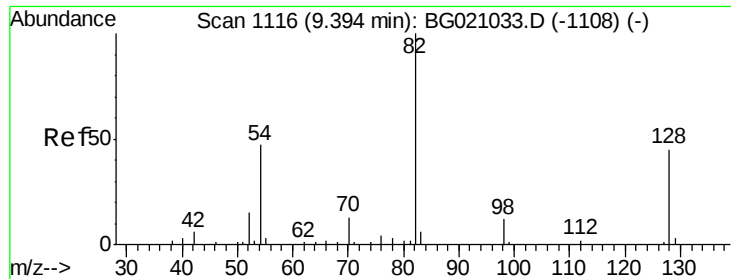
54 9.2 6.9 10.3

68 6.8 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

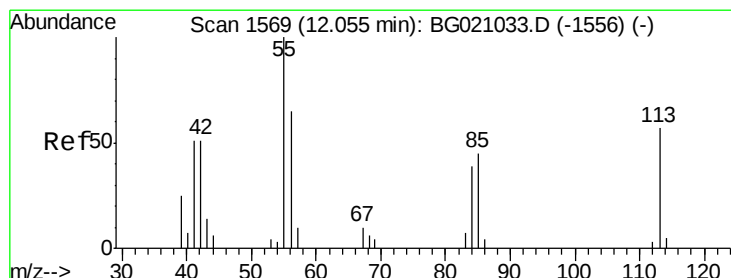
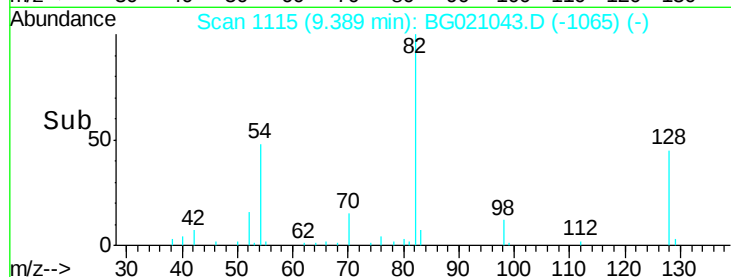
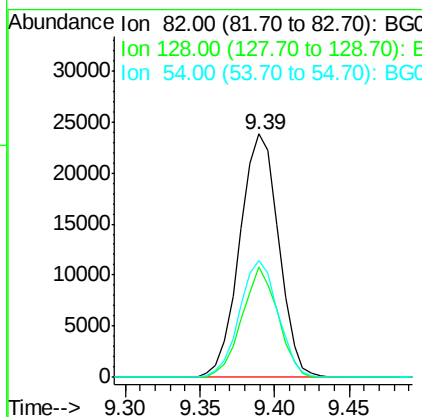
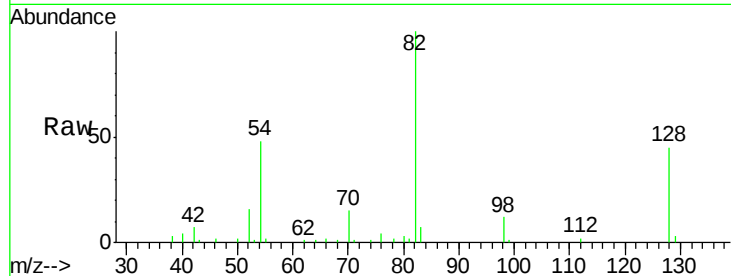




#23
 Nitrobenzene-d5
 Concen: 125.90 ng
 RT: 9.39 min Scan# 1115
 Delta R.T. -0.00 min
 Lab File: BG021043.D
 Acq: 24 Feb 2016 2:36

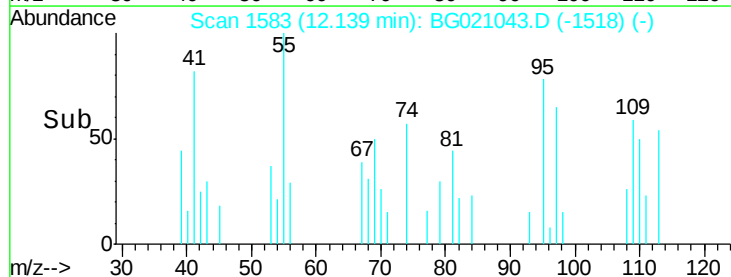
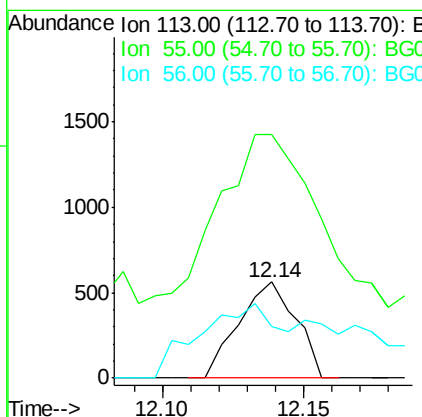
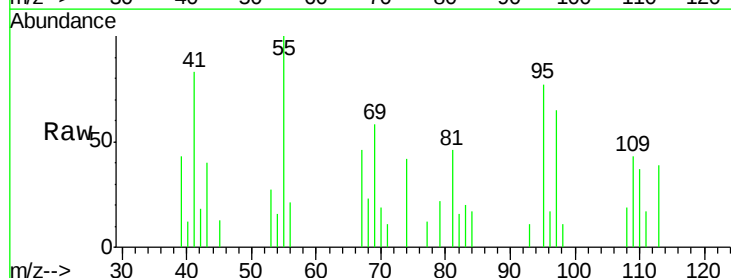
Instrument :
 BNA_G
 ClientSampleId :
 HW-4

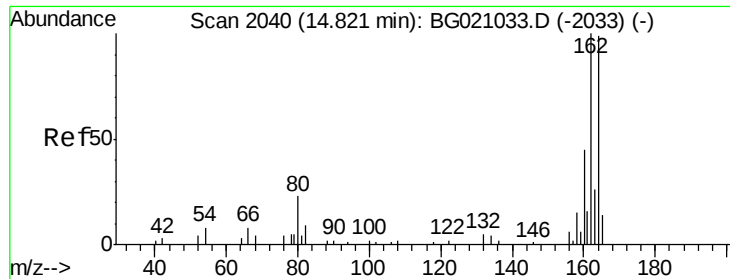
Tgt Ion: 82 Resp: 42878
 Ion Ratio Lower Upper
 82 100
 128 45.4 36.3 54.5
 54 48.0 37.6 56.4



#35
 Caprolactam
 Concen: 7.43 ng
 RT: 12.14 min Scan# 1583
 Delta R.T. 0.08 min
 Lab File: BG021043.D
 Acq: 24 Feb 2016 2:36

Tgt Ion: 113 Resp: 788
 Ion Ratio Lower Upper
 113 100
 55 253.8 155.2 195.2#
 56 53.5 94.0 134.0#

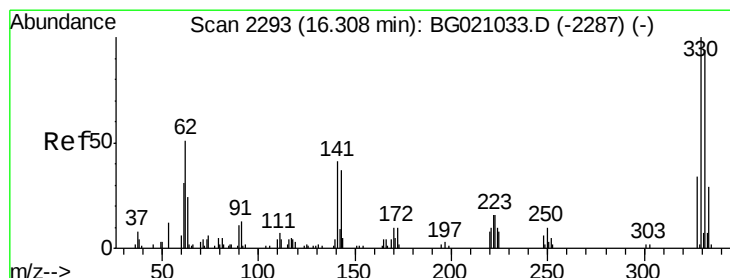
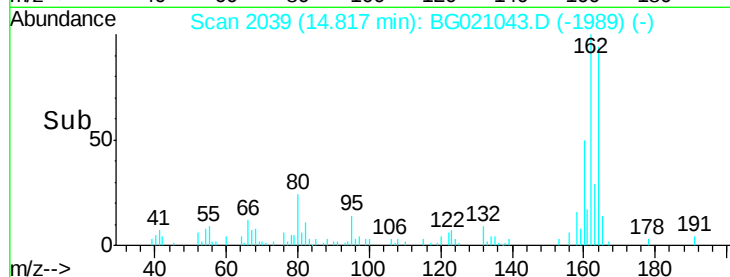
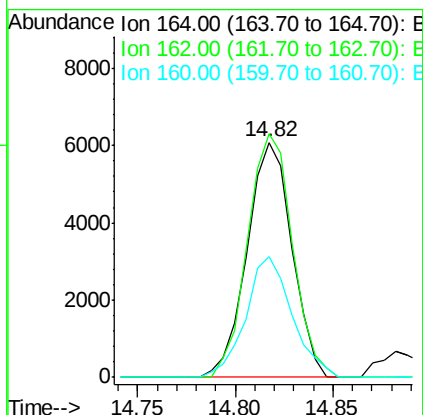
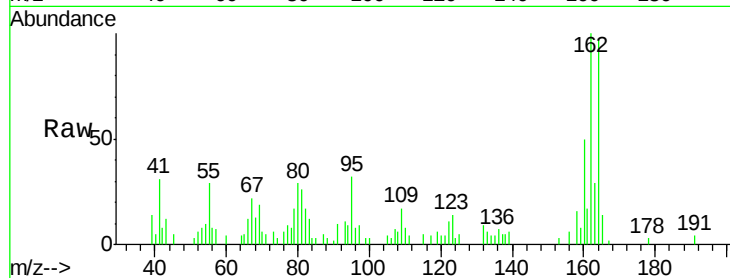




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 2039
Delta R.T. -0.00 min
Lab File: BG021043.D
Acq: 24 Feb 2016 2:36

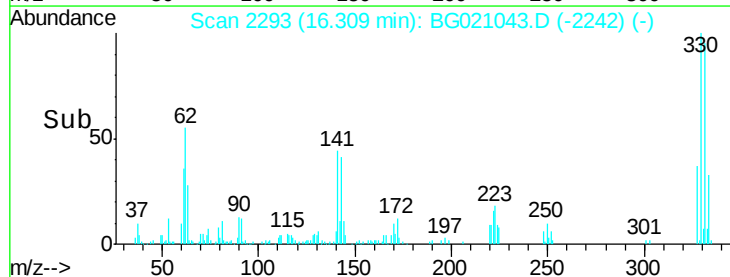
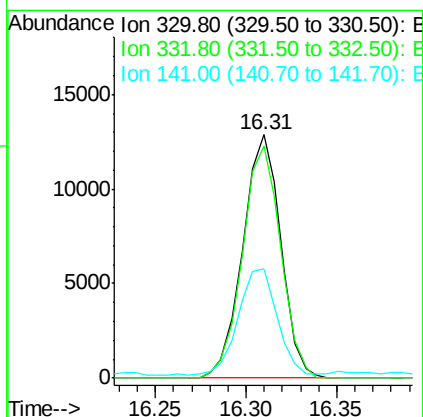
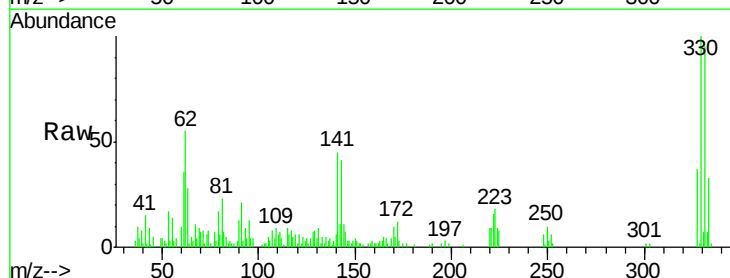
Instrument :
BNA_G
ClientSampleId :
HW-4

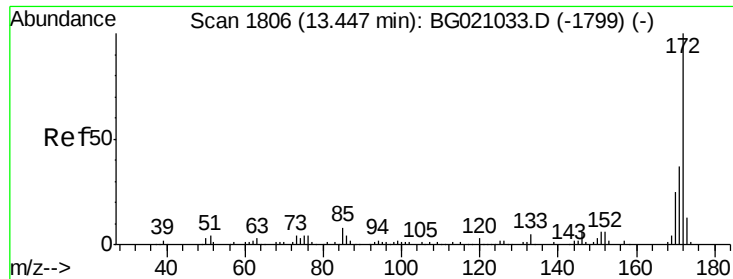
Tgt Ion:164 Resp: 9651
Ion Ratio Lower Upper
164 100
162 103.5 80.6 120.8
160 51.3 36.5 54.7



#41
2,4,6-Tribromophenol
Concen: 163.00 ng
RT: 16.31 min Scan# 2293
Delta R.T. 0.00 min
Lab File: BG021043.D
Acq: 24 Feb 2016 2:36

Tgt Ion:330 Resp: 18846
Ion Ratio Lower Upper
330 100
332 95.9 77.4 116.0
141 44.8 35.3 52.9

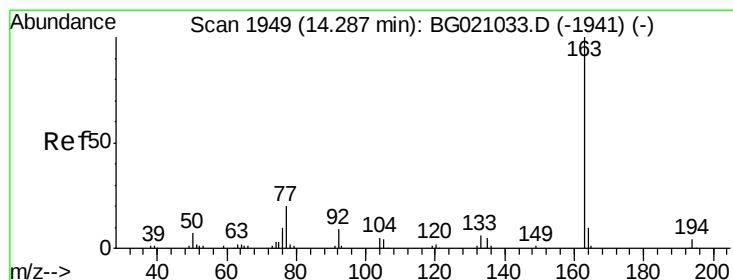
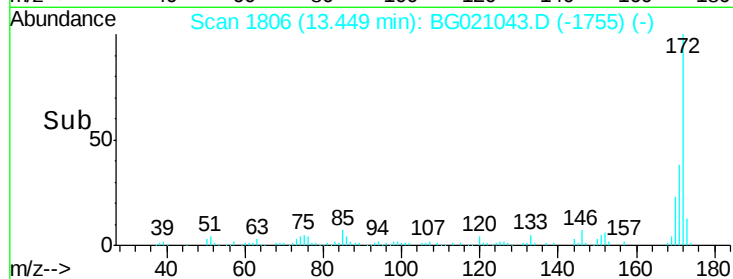
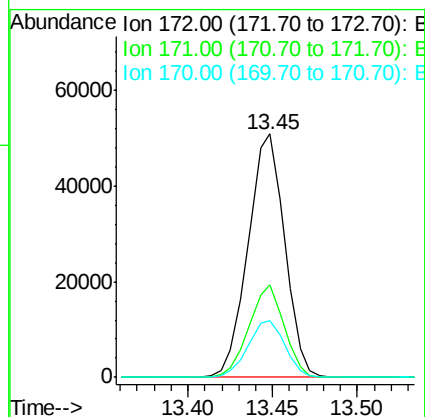
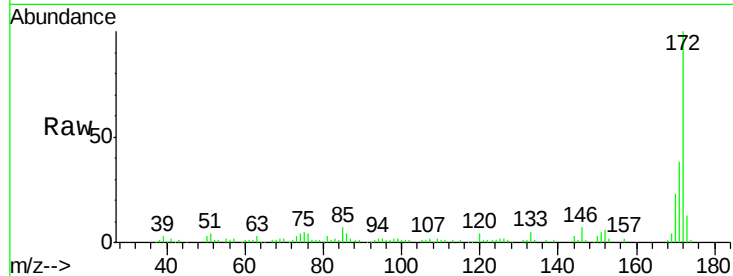




#44
 2-Fluorobiphenyl
 Concen: 110.61 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: BG021043.D
 Acq: 24 Feb 2016 2:36

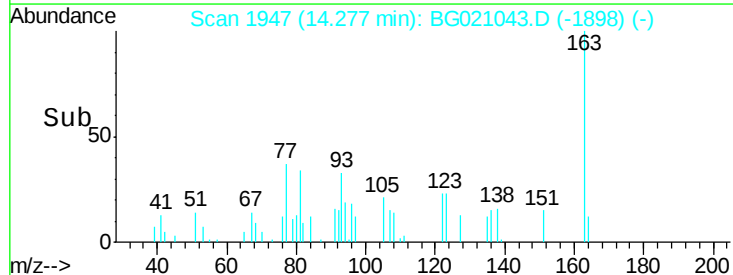
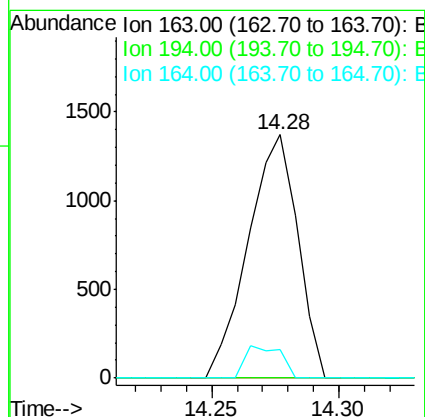
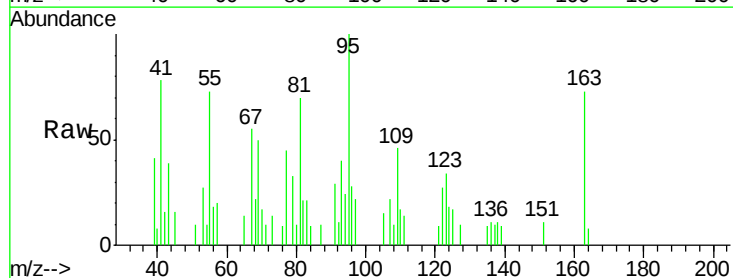
Instrument :
 BNA_G
 ClientSampleId :
 HW-4

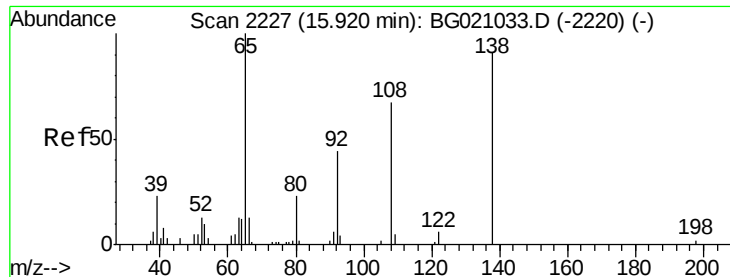
Tgt Ion:172 Resp: 76680
 Ion Ratio Lower Upper
 172 100
 171 37.9 29.4 44.0
 170 23.4 19.8 29.8



#49
 Dimethylphthalate
 Concen: 2.38 ng
 RT: 14.28 min Scan# 1947
 Delta R.T. -0.01 min
 Lab File: BG021043.D
 Acq: 24 Feb 2016 2:36

Tgt Ion:163 Resp: 1870
 Ion Ratio Lower Upper
 163 100
 194 0.0 2.8 4.2#
 164 11.7 7.9 11.9

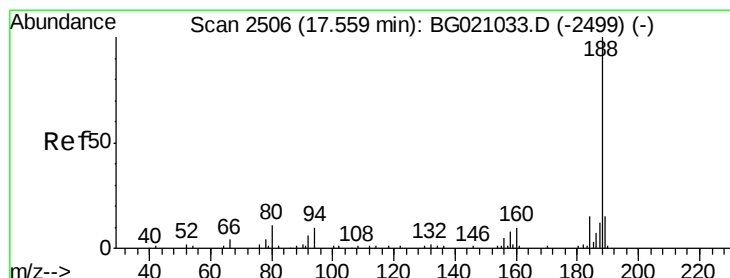
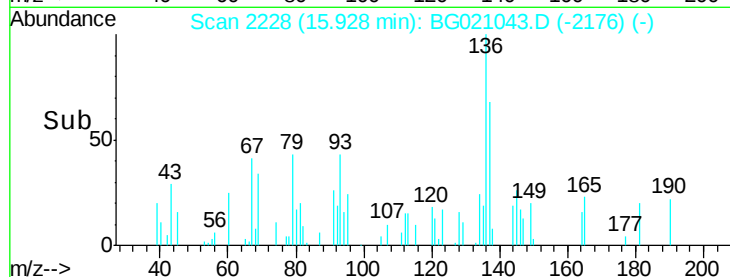
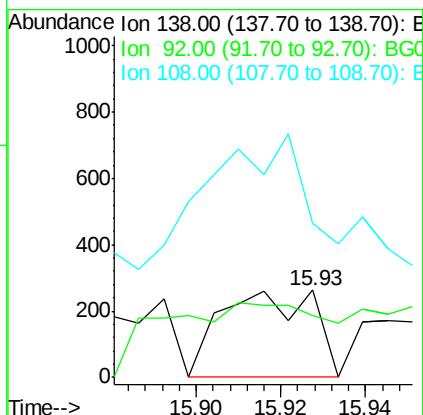
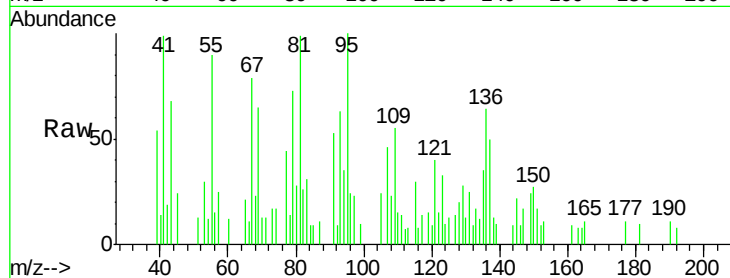




#61
4-Nitroaniline
Concen: 2.02 ng
RT: 15.93 min Scan# 2228
Delta R.T. 0.01 min
Lab File: BG021043.D
Acq: 24 Feb 2016 2:36

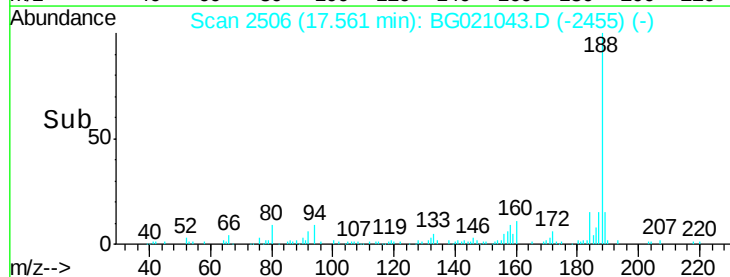
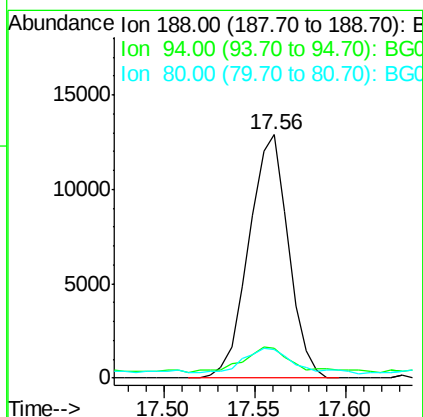
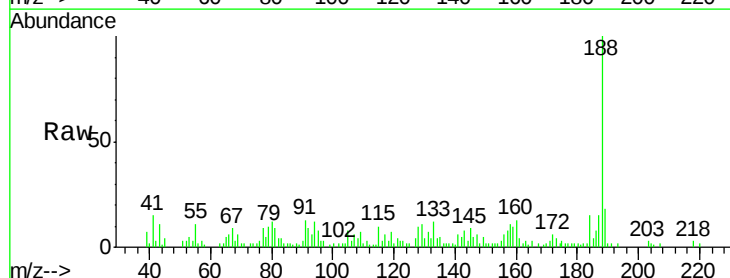
Instrument :
BNA_G
ClientSampled :
HW-4

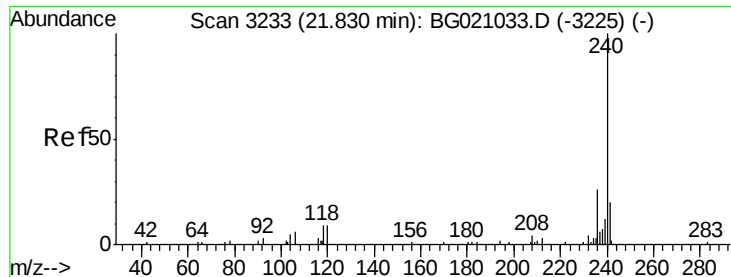
Tgt Ion:138 Resp: 391
Ion Ratio Lower Upper
138 100
92 71.8 28.0 68.0#
108 177.5 52.6 92.6#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2506
Delta R.T. 0.00 min
Lab File: BG021043.D
Acq: 24 Feb 2016 2:36

Tgt Ion:188 Resp: 19474
Ion Ratio Lower Upper
188 100
94 12.3 8.2 12.4
80 11.8 9.2 13.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.83 min Scan# 3233

Delta R.T. 0.00 min

Lab File: BG021043.D

Acq: 24 Feb 2016 2:36

Instrument :

BNA_G

ClientSampleId :

HW-4

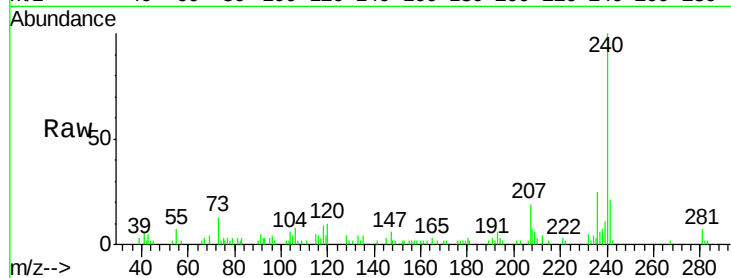
Tgt Ion:240 Resp: 15127

Ion Ratio Lower Upper

240 100

120 9.8 7.5 11.3

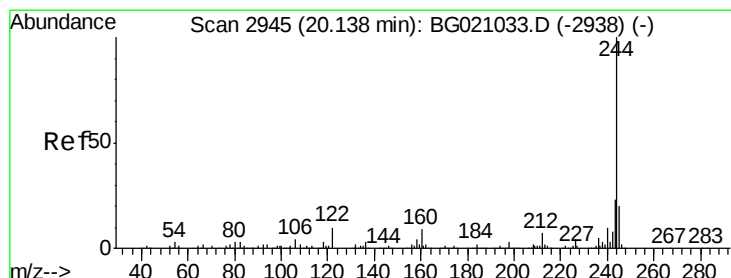
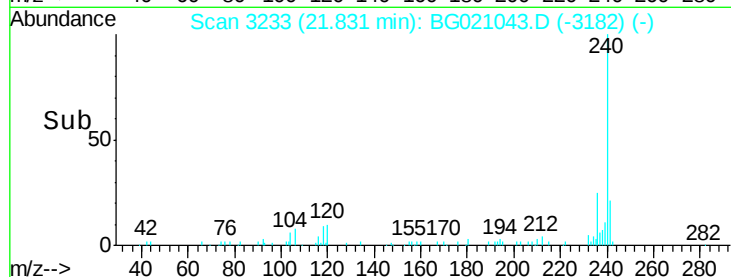
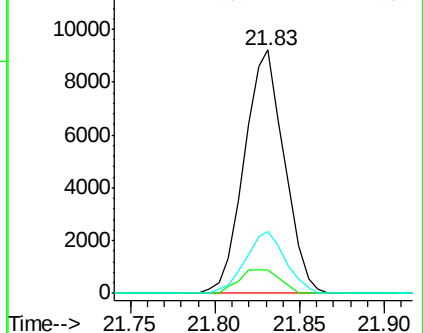
236 25.3 20.5 30.7



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: 63.28 ng

RT: 20.14 min Scan# 2945

Delta R.T. 0.00 min

Lab File: BG021043.D

Acq: 24 Feb 2016 2:36

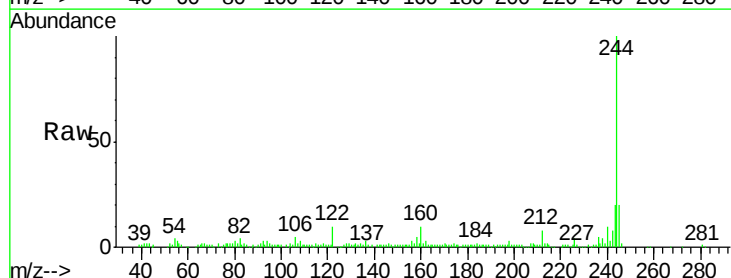
Tgt Ion:244 Resp: 73765

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.6

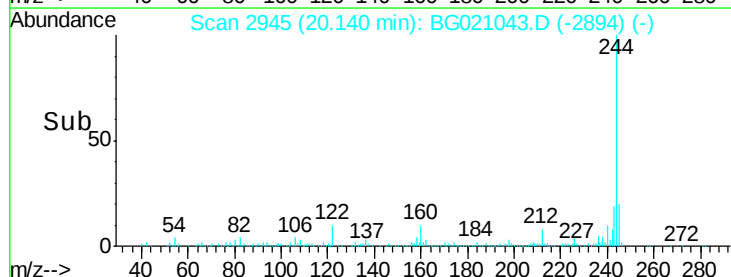
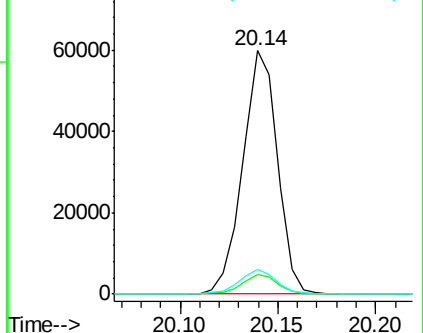
122 10.4 8.3 12.5

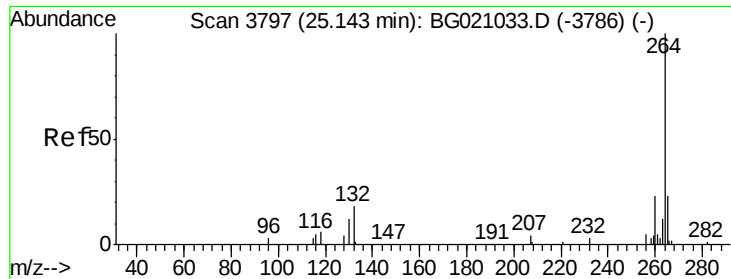


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

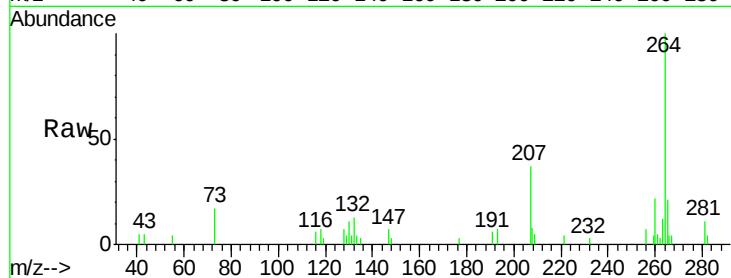




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.15 min Scan# 3798
Delta R.T. 0.01 min
Lab File: BG021043.D
Acq: 24 Feb 2016 2:36

Instrument :
BNA_G
ClientSampleId :
HW-4

Tgt Ion:	264	Resp:	14084
Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.5	27.7
265	20.7	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

