

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
 Data File : BG043633.D
 Acq On : 14 Nov 2019 14:39
 Operator : JU
 Sample : K5794-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HP-640-EB

Quant Time: Nov 15 02:27:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

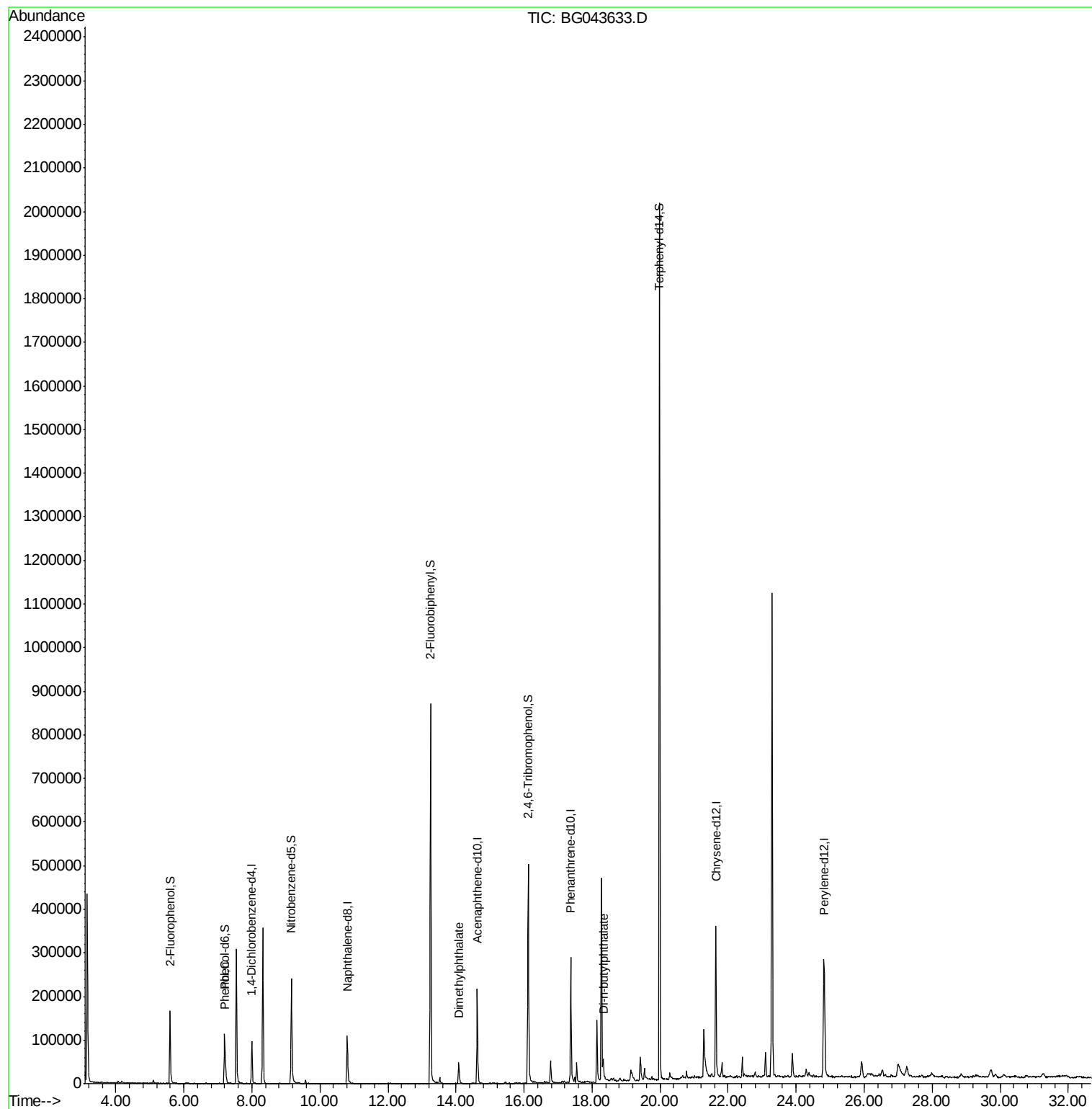
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	29850	20.00	ng	-0.01
21) Naphthalene-d8	10.80	136	115480	20.00	ng	-0.01
39) Acenaphthene-d10	14.62	164	87673	20.00	ng	-0.02
64) Phenanthrene-d10	17.37	188	217191	20.00	ng	-0.02
76) Chrysene-d12	21.64	240	235854	20.00	ng	-0.02
87) Perylene-d12	24.82	264	277854	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	82183	50.45	ng	0.00
7) Phenol-d6	7.20	99	72638	30.99	ng	0.00
23) Nitrobenzene-d5	9.16	82	170225	75.99	ng	-0.02
42) 2,4,6-Tribromophenol	16.12	330	130889	78.45	ng	-0.01
45) 2-Fluorobiphenyl	13.25	172	519360	81.86	ng	-0.02
79) Terphenyl-d14	19.98	244	1044912	83.12	ng	-0.02
Target Compounds						
10) Phenol	7.22	94	18887	8.819	ng	95
50) Dimethylphthalate	14.08	163	43388	6.389	ng	# 96
74) Di-n-butylphthalate	18.33	149	26665	2.181	ng	# 96

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

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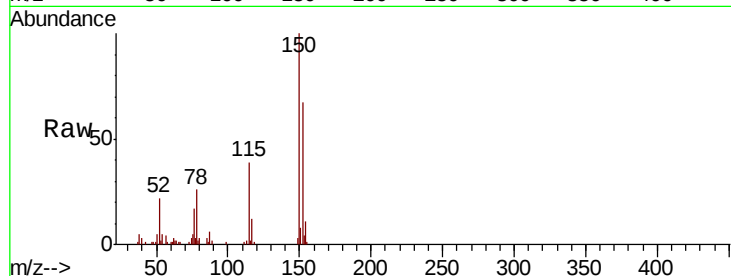


#1

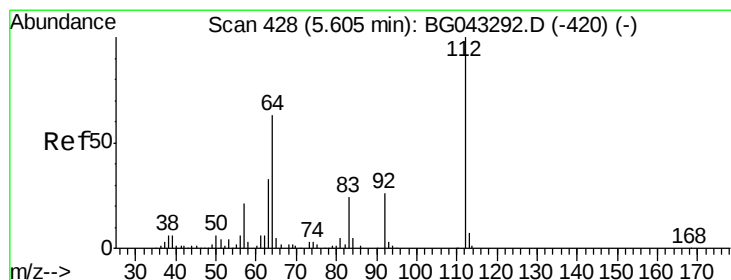
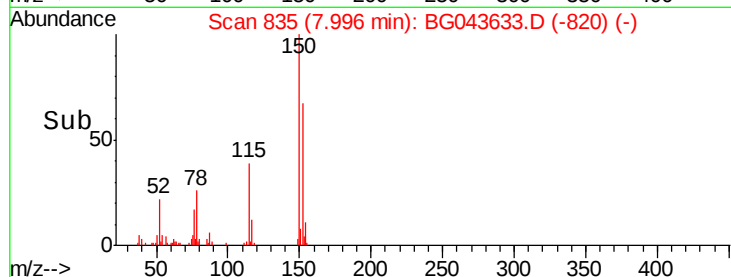
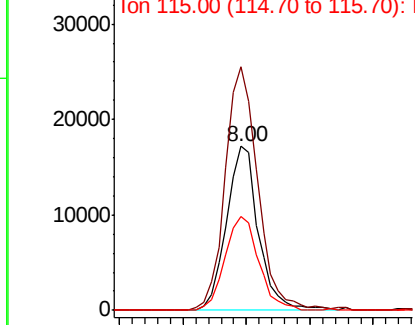
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG043633.D
Acq: 14 Nov 2019 14:39

Instrument :
BNA_G
ClientSampleId :
HP-640-EB

Tot Ion:152 Resp: 29850
Ion Ratio Lower Upper
152 100
150 148.6 129.4 194.0
115 57.2 48.8 73.2



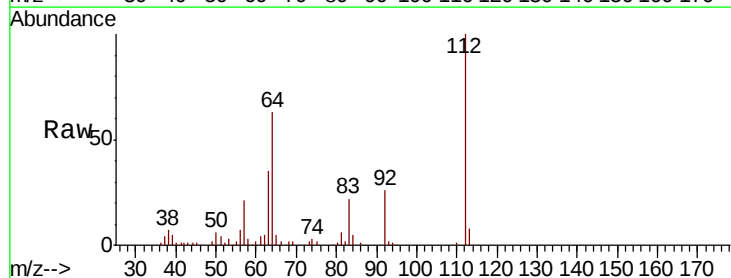
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



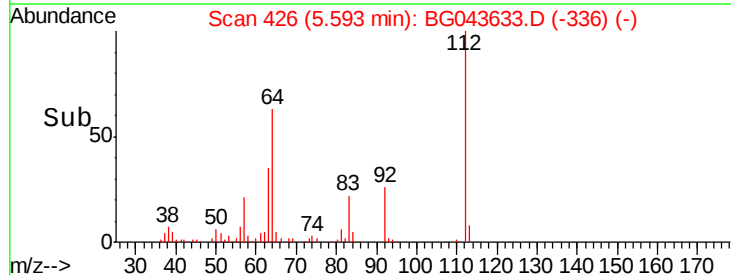
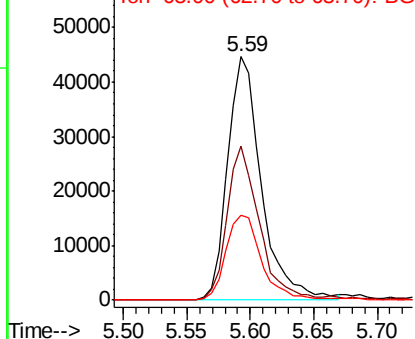
#5

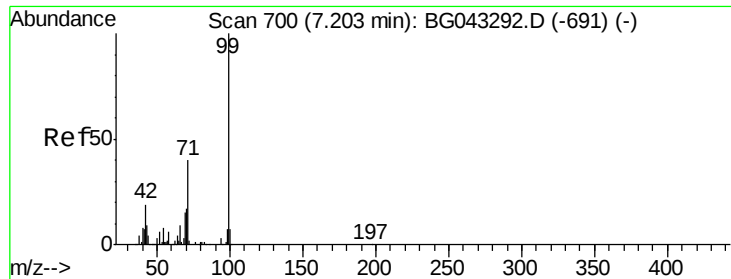
2-Fluorophenol
Concen: 50.451 ng
RT: 5.59 min Scan# 426
Delta R.T. -0.00 min
Lab File: BG043633.D
Acq: 14 Nov 2019 14:39

Tgt Ion:112 Resp: 82183
Ion Ratio Lower Upper
112 100
64 63.5 50.0 75.0
63 34.7 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 30.993 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG043633.D

Acq: 14 Nov 2019 14:39

Instrument :

BNA_G

ClientSampleId :

HP-640-EB

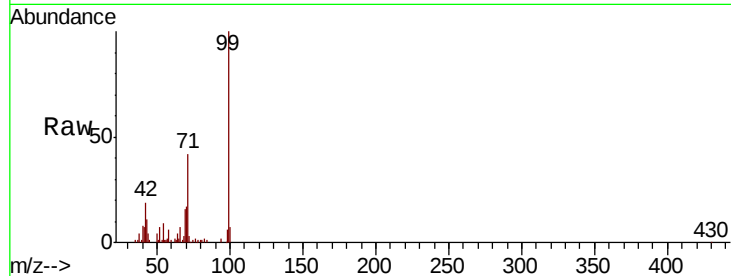
Tot Ion: 99 Resp: 72638

Ion Ratio Lower Upper

99 100

42 19.1 14.6 21.8

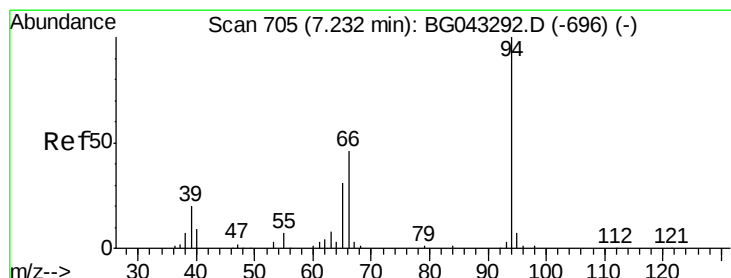
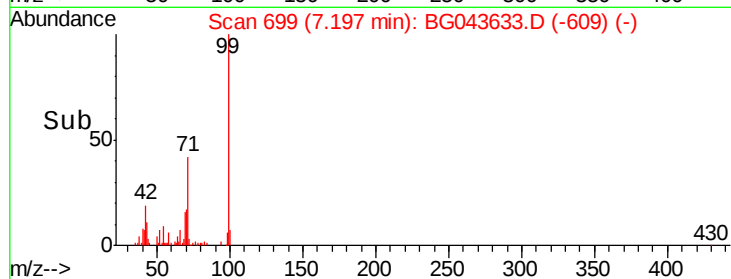
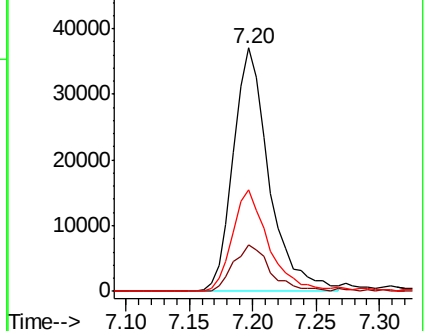
71 41.6 32.5 48.7



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



#10

Phenol

Concen: 8.819 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.00 min

Lab File: BG043633.D

Acq: 14 Nov 2019 14:39

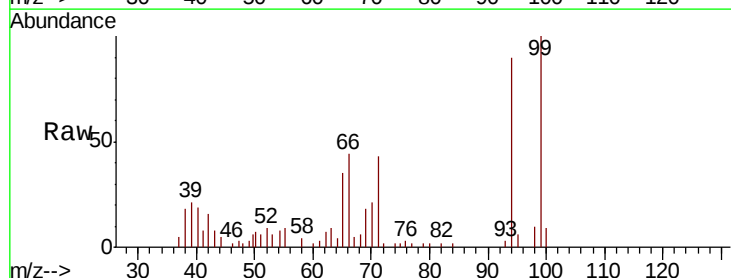
Tgt Ion: 94 Resp: 18887

Ion Ratio Lower Upper

94 100

65 38.7 12.6 52.6

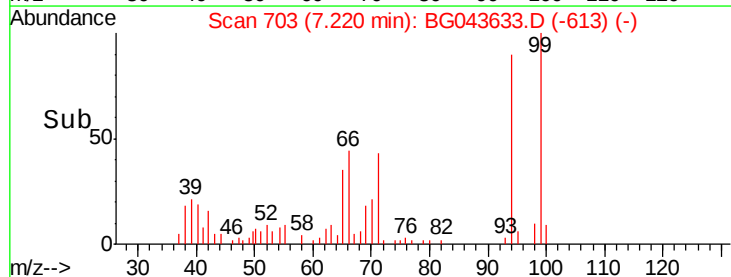
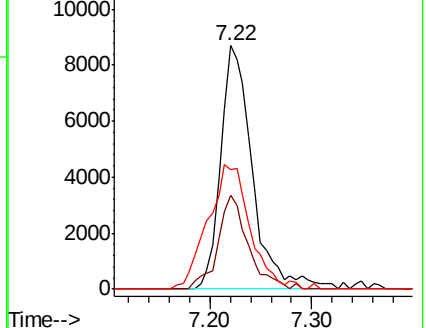
66 49.3 30.7 70.7

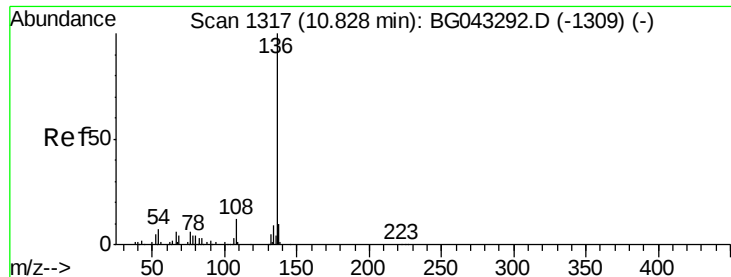


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BG043633.D

Acq: 14 Nov 2019 14:39

Instrument :

BNA_G

ClientSampleId :

HP-640-EB

Tot Ion:136 Resp: 115480

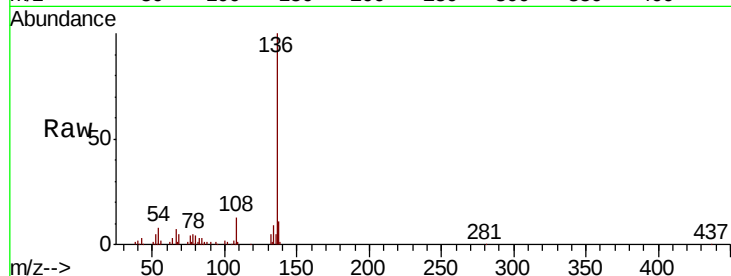
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 7.8 5.4 8.2

68 4.6 3.0 4.4#

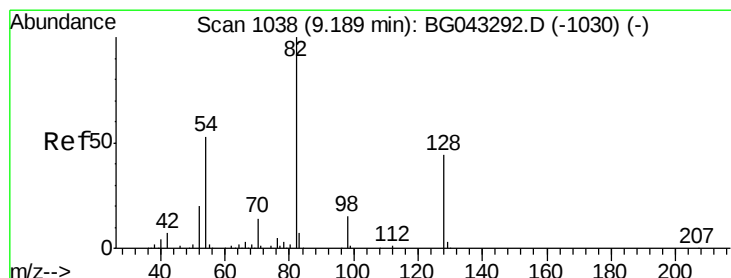
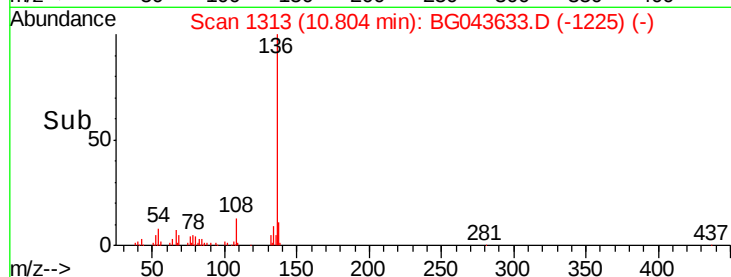
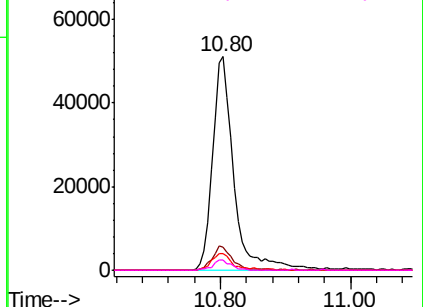


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 75.995 ng

RT: 9.16 min Scan# 1033

Delta R.T. -0.02 min

Lab File: BG043633.D

Acq: 14 Nov 2019 14:39

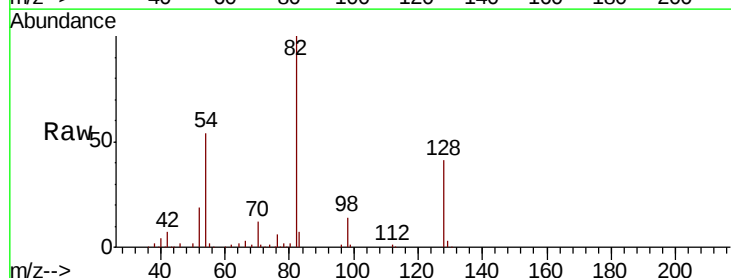
Tgt Ion: 82 Resp: 170225

Ion Ratio Lower Upper

82 100

128 41.0 35.0 52.6

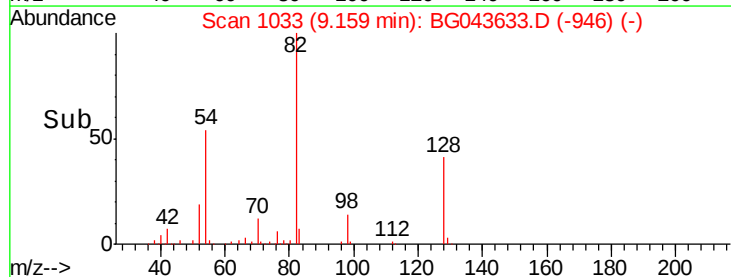
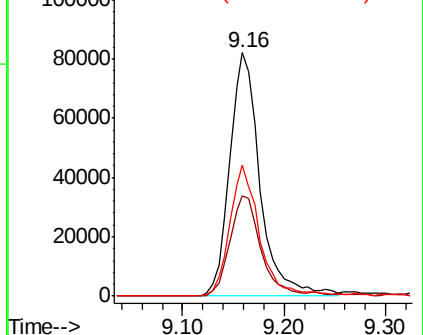
54 54.0 40.2 60.2

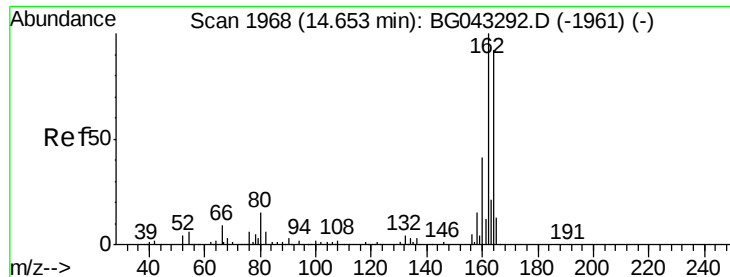


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

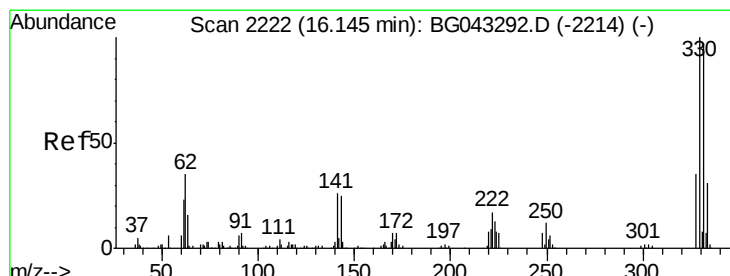
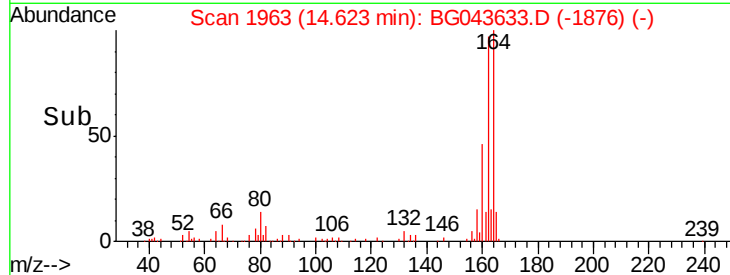
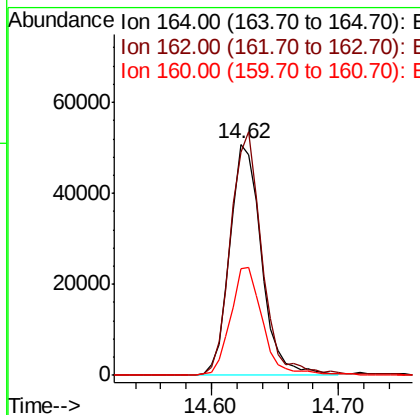
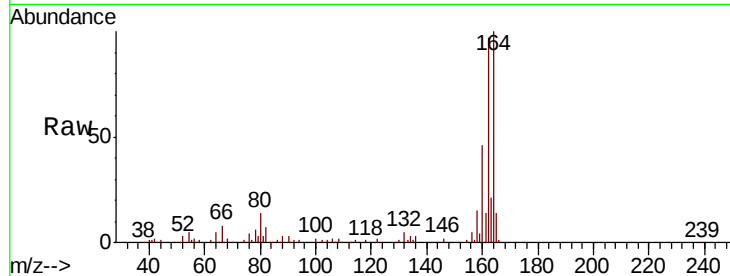




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.62 min Scan# 1963
 Delta R.T. -0.02 min
 Lab File: BG043633.D
 Acq: 14 Nov 2019 14:39

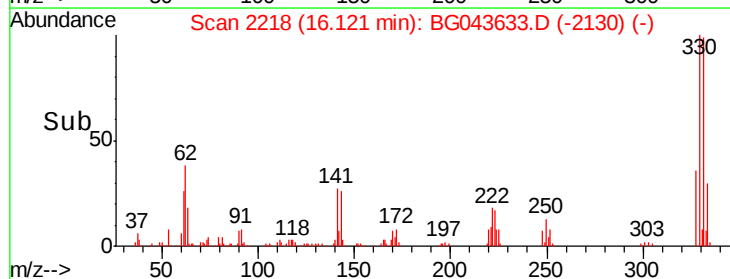
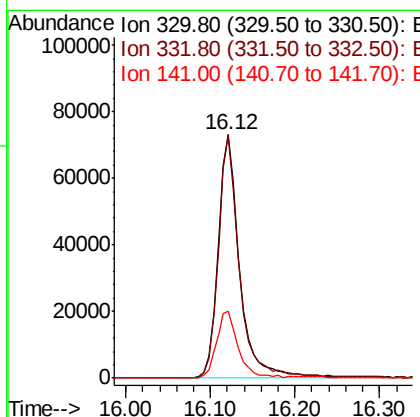
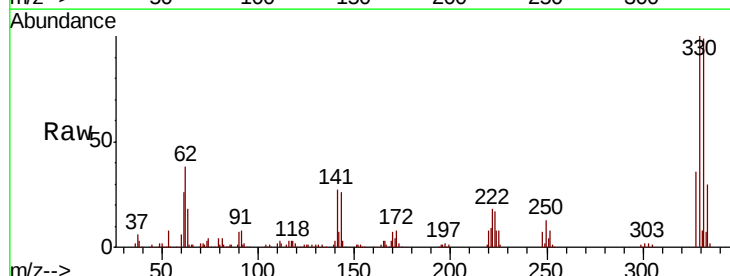
Instrument :
 BNA_G
 ClientSampleId :
 HP-640-EB

Tot Ion:164 Resp: 87673
 Ion Ratio Lower Upper
 164 100
 162 96.8 83.5 125.3
 160 46.1 36.5 54.7



#42
 2,4,6-Tribromophenol
 Concen: 78.451 ng
 RT: 16.12 min Scan# 2218
 Delta R.T. -0.01 min
 Lab File: BG043633.D
 Acq: 14 Nov 2019 14:39

Tgt Ion:330 Resp: 130889
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.4 116.0
 141 27.6 22.8 34.2

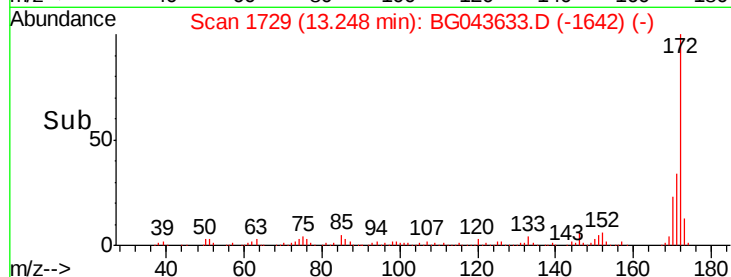
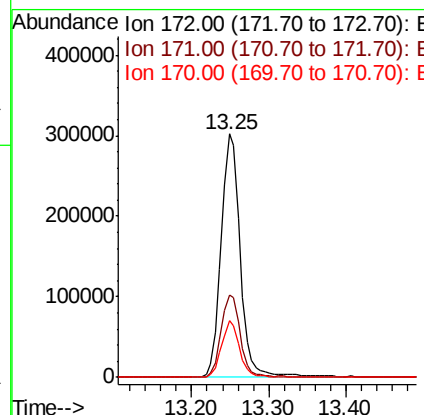
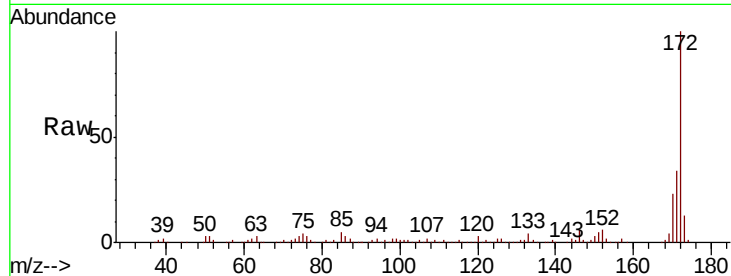




#45
 2-Fluorobiphenyl
 Concen: 81.856 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. -0.02 min
 Lab File: BG043633.D
 Acq: 14 Nov 2019 14:39

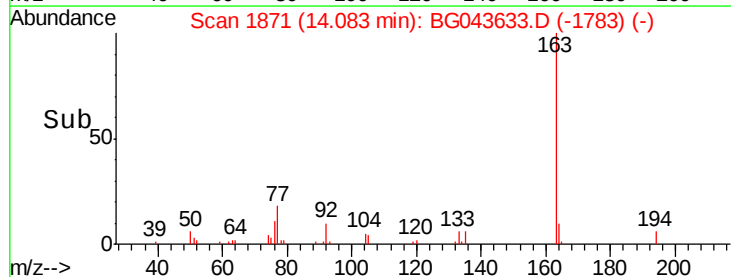
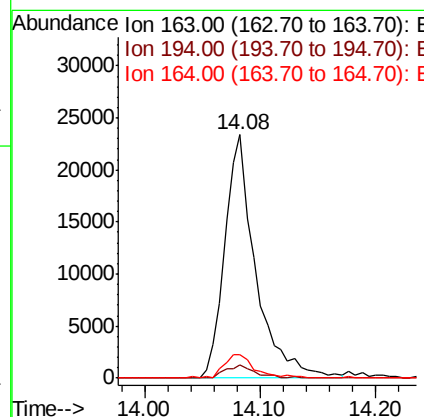
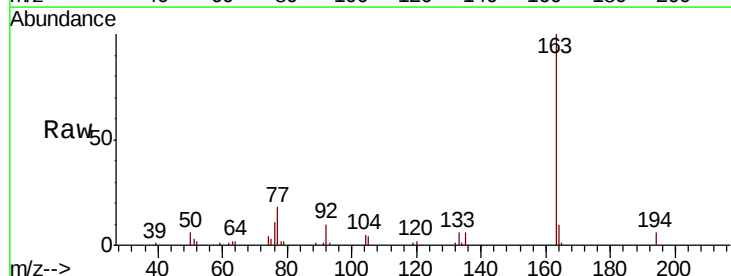
Instrument :
 BNA_G
 ClientSampleId :
 HP-640-EB

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.8	28.9	43.3
170	23.1	18.5	27.7



#50
 Dimethylphthalate
 Concen: 6.389 ng
 RT: 14.08 min Scan# 1871
 Delta R.T. -0.01 min
 Lab File: BG043633.D
 Acq: 14 Nov 2019 14:39

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.7	3.8	5.6#
164	9.6	8.9	13.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BG043633.D

Acq: 14 Nov 2019 14:39

Instrument :

BNA_G

ClientSampleId :

HP-640-EB

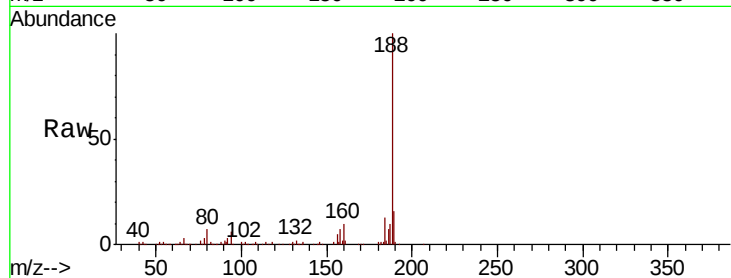
Tot Ion:188 Resp: 217191

Ion Ratio Lower Upper

188 100

94 5.7 4.2 6.4

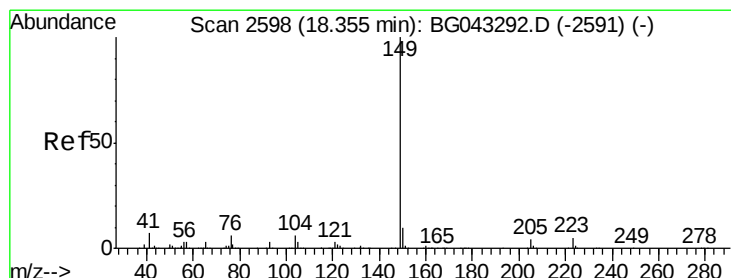
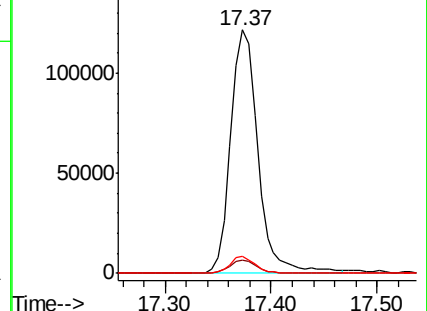
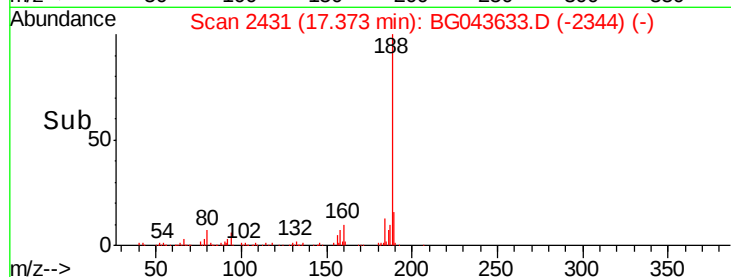
80 7.2 4.5 6.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#74

Di-n-butylphthalate

Concen: 2.181 ng

RT: 18.33 min Scan# 2594

Delta R.T. -0.01 min

Lab File: BG043633.D

Acq: 14 Nov 2019 14:39

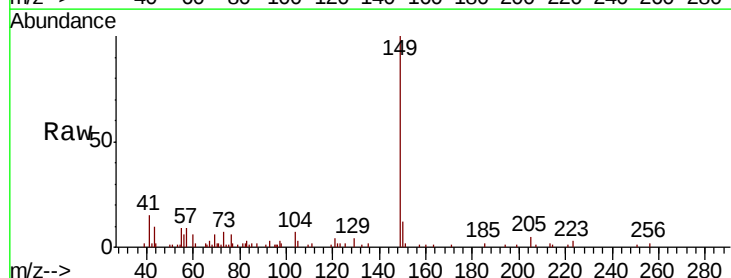
Tgt Ion:149 Resp: 26665

Ion Ratio Lower Upper

149 100

150 11.8 8.0 12.0

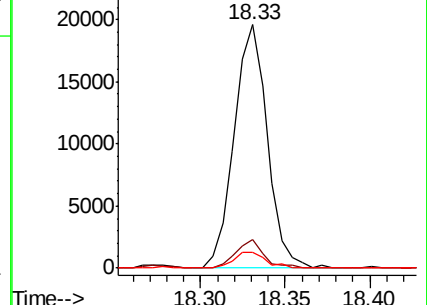
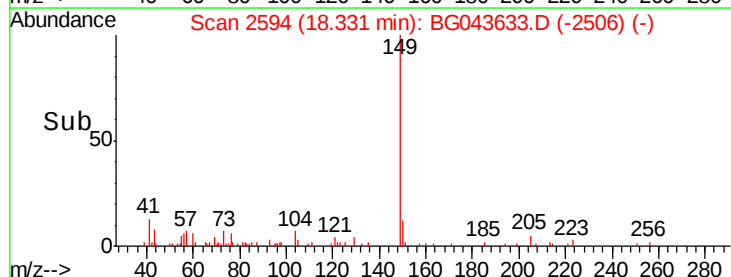
104 6.7 4.4 6.6#

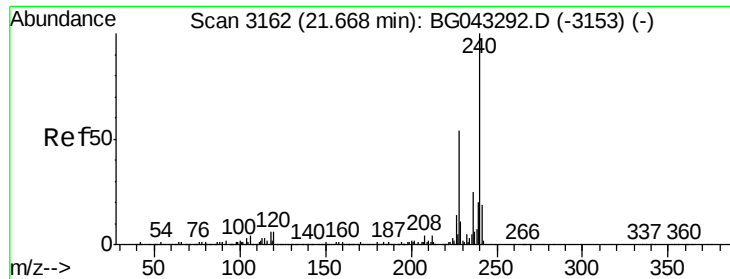


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

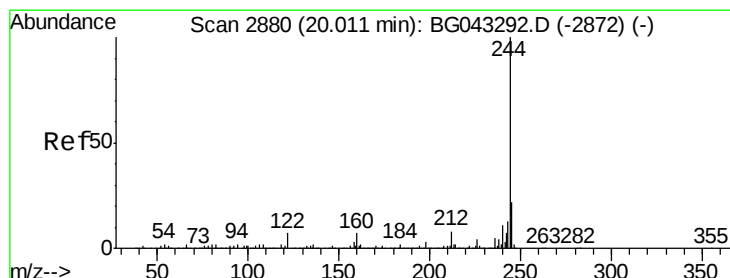
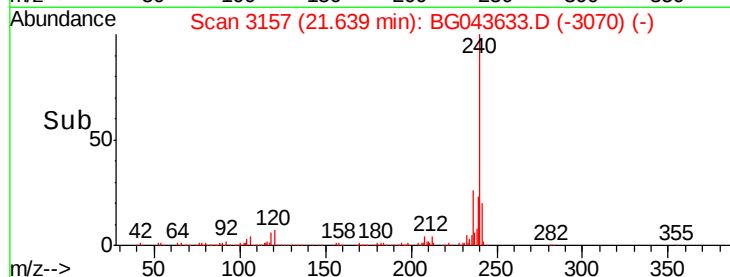
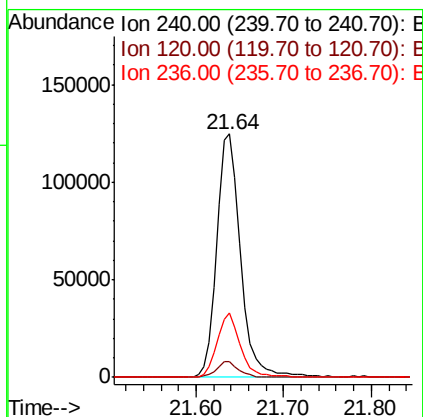
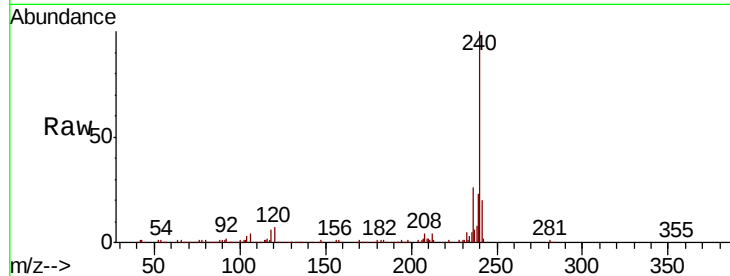




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3157
Delta R.T. -0.02 min
Lab File: BG043633.D
Acq: 14 Nov 2019 14:39

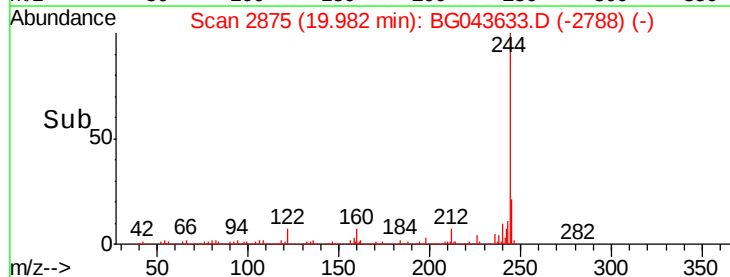
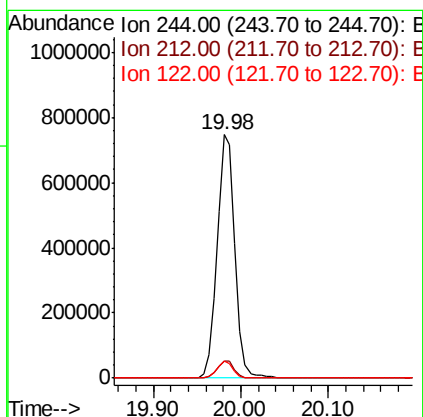
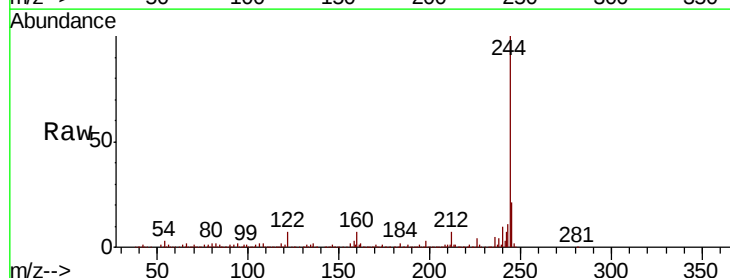
Instrument :
BNA_G
ClientSampleId :
HP-640-EB

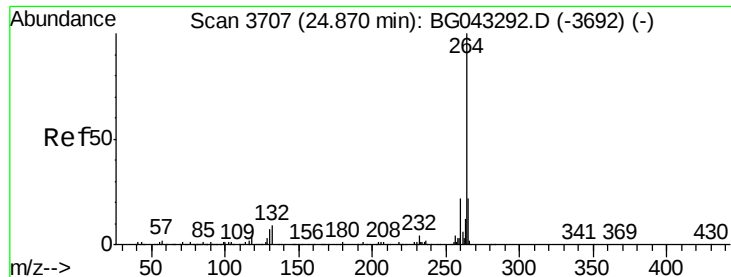
Tot Ion:240 Resp: 235854
Ion Ratio Lower Upper
240 100
120 6.7 4.6 6.8
236 26.4 19.8 29.8



#79
Terphenyl-d14
Concen: 83.116 ng
RT: 19.98 min Scan# 2875
Delta R.T. -0.02 min
Lab File: BG043633.D
Acq: 14 Nov 2019 14:39

Tgt Ion:244 Resp: 1044912
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 7.1 5.4 8.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.82 min Scan# 3698
Delta R.T. -0.04 min
Lab File: BG043633.D
Acq: 14 Nov 2019 14:39

Instrument :
BNA_G
ClientSampleId :
HP-640-EB

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.5	26.3
265	20.4	17.4	26.0

